



Microsoft

Exam Questions PL-300

Microsoft Power BI Data Analyst

NEW QUESTION 1

HOTSPOT - (Topic 1)

You need to create a visualization to meet the reporting requirements of the sales managers.

How should you create the visualization? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Visualization type:

Card

Donut chart

Gauge

Key influencers

KPI

Indicator:

Date[month]

Sales[sales_amount]

Sales[sales_id]

Targets[sales_target]

Weekly_Returns[total_returns]

These are the selections for Indicator

Trend axis:

Date[month]

Sales[sales_amount]

Sales[sales_id]

Targets[sales_target]

Weekly_Returns[total_returns]

Target goals:

Date[month]

Sales[sales_amount]

Sales[sales_id]

Targets[sales_target]

Weekly_Returns[total_returns]

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Scenario: The sales managers require a visual to analyze sales performance versus sales targets.

Box 1: KPI

A Key Performance Indicator (KPI) is a visual cue that communicates the amount of progress made toward a measurable goal.

Box 2: Sales[sales_amount]

Box 3: Date[month]

Time > FiscalMonth. This value will represent the trend. Box 4: Targets[sales_target]

NEW QUESTION 2

- (Topic 1)

You need to create a relationship between the Weekly_Returns table and the Date table to meet the reporting requirements of the regional managers. What should you do?

- A. In the Weekly_Returns table, create a new calculated column named date-id in a format of yyyyymmdd and use the calculated column to create a relationship to the Date table.
- B. Add the Weekly_Returns data to the Sales table by using related DAX functions.
- C. Create a new table based on the Date table where date-id is unique, and then create a many-to-many relationship to Weekly_Return.

Answer: A

Explanation:

Scenario: Region managers require a visual to analyze weekly sales and returns. To relate the two tables we need a common column.

NEW QUESTION 3

- (Topic 1)

You need to create a calculated column to display the month based on the reporting requirements. Which DAX expression should you use?

- A. FORMAT('Date'[date], "MMM YYYY")
- B. FORMAT('Date' [date], "M YY")
- C. FORMAT('Date'[date_id], "MMM") & " " & FORMAT('Date'[year], "#")
- D. FORMAT('Date' [date_id], "MMM YYYY")

Answer: A

NEW QUESTION 4

DRAG DROP - (Topic 2)

Once the profit and loss dataset is created, which four actions should you perform in sequence to ensure that the business unit analysts see the appropriate profit and loss data? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
From powerbi.com, assign the analysts the Contributor role to the workspace.	
From powerbi.com, add role members to the roles.	
From Power BI Desktop, add a Table Filter DAX Expression to the roles.	
From Power BI Desktop, create four roles.	
From Power BI Desktop, publish the dataset to powerbi.com.	

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:



<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls> <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

NEW QUESTION 5

- (Topic 2)

You need to recommend a strategy to consistently define the business unit, department, and product category data and make the data usable across reports. What should you recommend?

- A. Create a shared dataset for each standardized entity.
 B. Create dataflows for the standardized data and make the dataflows available for use in all imported datasets.
 C. For every report, create and use a single shared dataset that contains the standardized data.
 D. For the three entities, create exports of the data from the Power BI model to Excel and store the data in Microsoft OneDrive for others to use as a source.

Answer: B

NEW QUESTION 6

- (Topic 2)

Which DAX expression should you use to get the ending balances in the balance sheet reports?

- A. `CALCULATE (SUM(BalanceSheet [BalanceAmount]), DATESQTD('Date'[Date]))`
 B. `CALCULATE (SUM(BalanceSheet [BalanceAmount]), LASTDATE('Date'[Date]))`
 C. `FIRSTNONBLANK ('Date' [Date]SUM(BalanceSheet[BalanceAmount]))`
 D. `CALCULATE (MAX(BalanceSheet[BalanceAmount]), LASTDATE('Date' [Date]))`

Answer: A

Explanation:

Scenario: At least one of the balance sheet reports in the quarterly reporting package must show the ending balances for the quarter, as well as for the previous quarter.

DATESQTD returns a table that contains a column of the dates for the quarter to date, in the current context.

Reference:

<https://docs.microsoft.com/en-us/dax/datesqtd-function-dax>

NEW QUESTION 7

- (Topic 2)

Which two types of visualizations can be used in the balance sheet reports to meet the reporting goals? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. a line chart that shows balances by quarter filtered to account categories that are long- term liabilities.
 B. a clustered column chart that shows balances by date (x-axis) and account category (legend) withoutfilters.

- C. a clustered column chart that shows balances by quarter filtered to account categories that are long-term liabilities.
- D. a pie chart that shows balances by account category without filters.
- E. a ribbon chart that shows balances by quarter and accounts in the legend.

Answer: AE

Explanation:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-types-for-reports-and-q-and-a>

NEW QUESTION 8

HOTSPOT - (Topic 3)

You need to create the Top Customers report.

Which type of filter should you use, and at which level should you apply the filter? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Filter type:

Top N

Basic

Advanced

Level:

Page

Visual

Report

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Top N

Scenario: The Top Customers report will show the top 20 customers based on the highest sales amounts in a selected order month or quarter, product category, and sales region.

Once you drag to SKU to Visual level filter you should get Top N option Note: The two most common filter types: automatic and manual.

Then there are more advanced filters.

Box 2: Visual

Once you drag to SKU to Visual level filter you should get Top N option.

NEW QUESTION 9

HOTSPOT - (Topic 3)

You need to design the data model and the relationships for the Customer Details worksheet and the Orders table by using Power BI. The solution must meet the report requirements.

For each of the following statement, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	<input type="radio"/>	<input type="radio"/>
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to Text .	<input type="radio"/>	<input type="radio"/>
The Region field used to filter the Top Customers report must come from the Orders table.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A relationship must be created between the CustomerID column in the Customer Details worksheet and the CustomerID column in the Orders table.	<input checked="" type="radio"/>	<input type="radio"/>
The Data Type of the columns in the relationship between the Customer Details worksheet and the Orders table must be set to Text .	<input type="radio"/>	<input checked="" type="radio"/>
The Region field used to filter the Top Customers report must come from the Orders table.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 10

HOTSPOT - (Topic 3)

You need to create a solution to meet the notification requirements of the warehouse shipping department.

What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct select is worth one point:

Answer Area

Populate a

report
bookmark
dashboard

 by using a card visualization that shows the percentage of late orders in the

report
bookmark
dashboard

 then configure a

data alert.
phone view.
subsc

 These are the selections for the second missing value.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Populate a

report
bookmark
dashboard

 by using a card visualization that shows the percentage of late orders in the

report
bookmark
dashboard

 then configure a

data alert.
phone view.
subsc

 These are the selections for the second missing value.

NEW QUESTION 10

HOTSPOT - (Topic 3)

You need to create a measure that will return the percentage of late orders.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Late Orders Percent =

VAR OrderCount =

COUNTROWS ('Orders')

VAR LateOrders =

SUM
COUNTX
CALCULATE
CALCULATETABLE

COUNTROWS ('Orders'),

FILTER
ALLEXCEPT
CALCULATE
DATESBETWEEN

(Order,

Orders[OrderDate] > Orders[RequiredDate]
Orders[ShippedDate] >= Orders[OrderDate]
Orders[ShippedDate] < Orders[RequiredDate]
Orders[ShippedDate] > Orders[RequiredDate]

)

RETURN

DIVIDE (LateOrders, OrderCount)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE

CALCULATE evaluates an expression in a modified filter context.

Syntax: CALCULATE(<expression>[, <filter1> [, <filter2> [, ...]]]) Expression - The expression to be evaluated.

filter1, filter2,... (Optional) Boolean expressions or table expressions that defines filters, or filter modifier functions.

Box 2: FILTER

FILTER returns a table that represents a subset of another table or expression. Syntax: FILTER(<table>,<filter>)

Table- The table to be filtered. The table can also be an expression that results in a table. Filter - A Boolean expression that is to be evaluated for each row of the table. For example, [Amount] > 0 or [Region] = "France"

Box 3: Orders[ShippedDate]> Orders[RequiredDate]

Northwind Traders defines late orders as those shipped after the required shipping date.

NEW QUESTION 12

- (Topic 3)

You need to create the dataset. Which dataset mode should you use?

- A. DirectQuery
- B. Import
- C. Live connection
- D. Composite

Answer: D

Explanation:

Composite Model means now you can have a model, that very large tables of that are coming from the DirectQuery connection, without the need for importing, and small tables to be imported to be accessible quickly.

NEW QUESTION 14

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: You create a new query that references DataSourceExcel. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

NEW QUESTION 18

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have five reports and two dashboards in a workspace.

You need to grant all organizational users read access to one dashboard and three reports Solution: In Microsoft Azure Active Directory (Azure AD), part of Microsoft Entra. you create

a group that contains all the users. You share each selected report and the one dashboard to the group.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 19

- (Topic 4)

You have a Power BI report

You have a table named Dalai that contains 10 million rows. Data is used in the following visuals:

- A card that shows the number of records
- A bar chart that shows total transaction amount by territory
- A scatter plot that shows transaction amount and profit amount on the axes and points colored by territory

You need to modify the scatter plot to make it easier for users to identify meaningful patterns. The solution must not affect the accuracy of the other visuals-What should you do?

- A. Apply a row filter to the Dalai query in Power Query Editor.
- B. Add a trend line to the scatter plot
- C. Enable high-density sampling on the scatter plot
- D. Add a count field of the transaction amount to the size bucket of the scatter plot

Answer: B

NEW QUESTION 20

HOTSPOT - (Topic 4)

You need to create a visual as shown in the following exhibit.

MonthName	Total Sales	Sales Last Year	% Growth to Last Year
January	£559,263.79	£144,365.51	74.19%
February	£583,915.29	£215,923.28	63.02%
March	£684,091.92	£211,347.46	69.11%
April	£957,686.49	£350,270.97	63.43%
May	£841,473.26	£310,708.65	63.08%
June	£876,911.71	£298,356.83	65.98%
July	£922,410.09	£348,435.28	62.23%
August	£1,002,219.24	£388,213.68	61.26%
September	£1,152,976.22	£407,595.76	64.65%
October	£1,262,647.67	£465,583.06	63.13%
November	£555,548.44	£555,548.44	0.00%
December	£553,615.45	£553,615.45	0.00%
Total	£9,952,759.56	£4,249,964.36	57.30%

The indicator color for Total Sales will be based on % Growth to Last Year. The solution must use the existing calculations only. How should you configure the visual? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Answer Area

Conditional formatting:

Background color

Data bars

Font color

Icons

Web URL

Format by:

Color scale

Field value

Rules

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Background color
 To format the Color column based on its field values, select Conditional formatting for the Color field, and then select Background color or Font color. In the Background color or Font color dialog box, select Field value from the Format by drop-down field.
 Box 2: Field value
 With conditional formatting for tables in Power BI Desktop, you can specify customized cell colors, including color gradients, based on field values.

NEW QUESTION 21

- (Topic 4)
 You are creating a Power BI report by using Power Bi Desktop.
 You need to include a visual that shows trends and other useful information automatically. The visual must update based on selections in other visuals.
 Which type of visual should you use?

- A. key influencers
- B. decomposition tree
- C. Q&A
- D. smart narrative

Answer: D

NEW QUESTION 26

DRAG DROP - (Topic 4)
 You build a report about warehouse inventory data. The dataset has more than 10 million product records from 200 warehouses worldwide. You have a table named Products that contains the columns shown in the following table.

Name	Sample data
ProductDescription	Bikes > Adventure Works > Mountain Bikes > Super Carbon Bike > 26in wheels 42in frame
ProductCategory	Bikes
Manufacturer	Adventure Works
ProductSubcategory	Mountain Bikes
ProductSpecification	26in wheels 42in frame

Warehouse managers report that it is difficult to use the report because the report uses only the product name in tables and visuals. The product name is contained within the ProductDescription column and is always the fourth value. You need to modify the report to support the warehouse managers requirement to explore inventory levels at different levels of the product hierarchy. The solution must minimize the model size. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.

Replace the use of ProductDescription in the report with the product hierarchy.

Transform the ProductDescription column to contain only the text between the first and fourth > symbol.

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Create a product hierarchy of Manufacturer, ProductSpecifications, ProductName, ProductSubcategory, and ProductCategory.

Replace the use of ProductDescription in the report with the product hierarchy.

Transform the ProductDescription column to contain only the text between the first and fourth > symbol.

Add the product hierarchy as an extra field in visuals where ProductDescription is used.

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Add a column named ProductName that contains all the text after the third > symbol in the ProductDescription column.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

Answer Area

Add a column named ProductName that contains only the text between the third and fourth > symbol in the ProductDescription column.

Create a product hierarchy of ProductCategory, ProductSubcategory, Manufacturer, ProductName, and ProductSpecifications.

Replace the use of ProductDescription in the report with the product hierarchy.

NEW QUESTION 27

- (Topic 4)
You have the Power BI model shown in the following exhibit.



There are four departments in the Departments table. You need to ensure that users can see the data of their respective department only. What should you do?

- A. Create a row-level security (RLS) role for each department, and then define the membership of the role.
- B. Create a DepartmentID parameter to filter the Departments table.
- C. To the ConfidentialData table, add a calculated measure that uses the currentgroup DAX function.
- D. Create a slicer that filters Departments based on DepartmentID.

Answer: A

NEW QUESTION 30

- (Topic 4)

You have a report that contains three pages. One of the pages contains a KPI visualization. You need to filter all the visualizations in the report except for the KPI visualization. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add the same slicer to each page and configure Sync slicers.
- B. Edit the interactions of the KPI visualization.
- C. Configure a page-level filter.
- D. Edit the interactions of the slicer that is on the same page as the KPI visualization.
- E. Configure a report-level filter.

Answer: AD

Explanation:

Slicers are another way of filtering. They narrow the portion of the dataset that is shown in the other report visualizations.

By default, slicers on report pages affect all the other visualizations on that page, including each other. Use visual interactions to exclude some page visualizations from being affected by others.

Reference:

<https://docs.microsoft.com/en-us/power-bi/visuals/power-bi-visualization-slicers>

NEW QUESTION 34

- (Topic 4)

Your company has employees in 10 states.

The company recently decided to associate each state to one of the following three regions: East, West, and North.

You have a data model that contains employee information by state. The model does NOT include region information.

You have a report that shows the employees by state.

You need to view the employees by region as quickly as possible. What should you do?

- A. Create a new aggregation that summarizes by employee.
- B. Create a new group on the state column and set the Group type to List.
- C. Create a new group on the state column and set the Group type to Bin.
- D. Create a new aggregation that summarizes by state.

Answer: B

Explanation:

<https://www.mssqltips.com/sqlservertip/4720/binning-and-grouping-data-with-power-bi/>

NEW QUESTION 38

HOTSPOT - (Topic 4)

You have a power BI tenant that hosts the datasets shown in the following table.

Name	Contents	Used to generate
Sales	Sales targets Sales data Employee salary data	Daily performance reports Quarterly reports used to calculate bonuses
Operations	Environmental sensor data	Reports that show average sensor readings over time
Finance	Financial transaction data	Budget planning reports Monthly board reports

You have the following requirements:

- The export of reports that contain Personally Identifiable Information (PII) must be prevented.
- Data used for financial decisions must be reviewed and approved before use.

For each of the following statements, select Yes if the statement is true. Otherwise select No. NOTE: Each correct selection is worth one point

Answer Area

Statements	Yes	No
The Sales dataset requires a sensitivity label.	<input type="radio"/>	<input type="radio"/>
The Operations dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>
The Finance dataset requires a sensitivity label and must be certified.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements		Yes	No
The Sales dataset requires a sensitivity label.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Operations dataset requires a sensitivity label and must be certified.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
The Finance dataset requires a sensitivity label and must be certified.		<input checked="" type="checkbox"/>	<input type="checkbox"/>

NEW QUESTION 41

FILL IN THE BLANK - (Topic 4)

You have the Power Bi dashboard shown in the Dashboard exhibit (Click the Dashboard tab.)

You need to ensure that when users view the dashboard on a mobile device, the dashboard appears as shown in the Mobile exhibit. (Click the Mobile tab.)

What should you do? To answer, select the appropriate options m the answer area NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as selected

Answer Area

Update the layout in the: Report mobile layout

Resize and move: The Total Sales by Parent Category tile

NEW QUESTION 42

- (Topic 4)

You build a Power BI report that displays 10T temperature data streaming from a refrigerator.

You publish the report to the BI service.

You need to be notified when the temperature rises above four degrees Celsius. What should you do?

- A. Pin a report page to a dashboard and set an alert on the page.
- B. Set an alert on a KPI visual in the report.
- C. Pin a card visual to a dashboard and set an alert on the tile.
- D. Pin a card visual to a dashboard and create a subscription.

Answer: A

NEW QUESTION 44

- (Topic 4)

You have a collection of reports for the HR department of your company.

You need to create a visualization for the HR department that shows historical employee counts and predicts trends during the next six months.

Which type of visualization should you use?

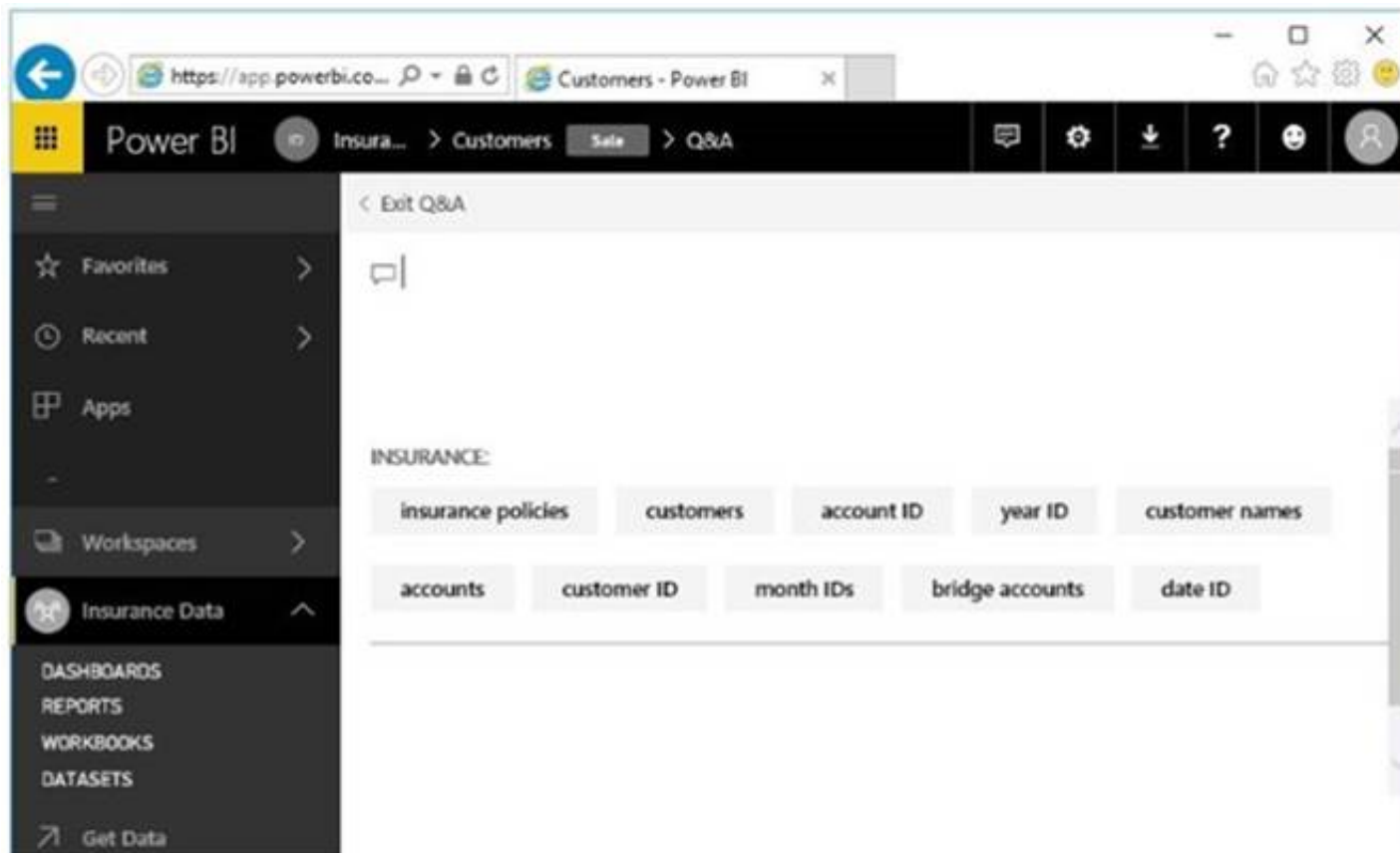
- A. key influences
- B. ribbon chart
- C. line chart
- D. scatter chart

Answer: C

NEW QUESTION 48

HOTSPOT - (Topic 4)

You open powerbi.com as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
 NOTE: Each correct selection is worth one point.

Answer Area

A tenant administrator created a data classification that has a shorthand of [answer choice.]

Customers
 Insurance
 Insurance Data
 Sale

The dashboard uses a dataset named [answer choice].

Customers
 Insurance
 Insurance Data
 Sale

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/service-data-classification>

NEW QUESTION 50

HOTSPOT - (Topic 4)

You are creating an analytics report that will consume data from the tables shown in the following table.

Table name	Column name	Data type
Sales	sales_id	Integer
	sales_date	Datetime
	Customer_id	Integer
	sales_amount	Floating
	employee_id	Integer
	sales_ship_date	Datetime
	store_id	Varchar(100)
Employee	employee_id	Integer
	first_name	Varchar(100)
	last_name	Varchar(100)
	employee_photo	Binary

There is a relationship between the tables.
There are no reporting requirements on employeejd and employee_photo. You need to optimize the data model
What should you configure for employeejd and employee.photo? To answer, select the appropriate options in the answer area.

Answer Area

Employee_id:

Change Type

Delete

Hide

Sort

Employee_photo:

Change Type

Delete

Hide

Sort

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Hide
Optimize data by hiding fields and sorting visualization data
Box 2: Delete
The fastest way to optimize your Power BI report is to limit the number of columns to only the ones you need in your data model. Go through your tables in Power Query and determine what fields are being used. Delete these columns if they are not being used in any of your reports or calculations.

NEW QUESTION 54

- (Topic 4)
You have a Power Bi model mat contains a table named Date. The Date table contains the following columns:

- Date
- Fiscal year
- Fiscal Quartet
- Month Name
- Calendar Year
- Week Number
- Month Number
- Calendar Quarter

You need to create a calculated table based on the Date table. The calculated tab*e must contain only unique combinations of values for Calendar Year. Calendar Quarter and Calendar Month. Which DAX function should you include in the table deflation?

- A. DATATABLE
- B. ADDCOLUMNS
- C. SUMMARIZE
- D. CALCULATE

Answer: C

NEW QUESTION 59

DRAG DROP - (Topic 4)
You plan to create a report that will display sales data from the last year for multiple regions
You need to restrict access to individual rows of the data on a per region-basis by using roles.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Publish the report.

Import the data to Power BI Desktop.

Add a filter to the report.

Create a role definition.

Assign users to the role.

>

<

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Publish the report.

Import the data to Power BI Desktop.

Add a filter to the report.

Create a role definition.

Assign users to the role.

>

<

Answer Area

Import the data to Power BI Desktop.

Create a role definition.

Assign users to the role.

Publish the report.

>

<

NEW QUESTION 61

- (Topic 4)

You are creating a query to be used as a Country dimension in a star schema. A snapshot of the source data is shown in the following table.

Country	City
USA	Seattle
USA	New York
USA	Denver
UK	Manchester
UK	London
Japan	Tokyo
Brazil	Rio
Brazil	Sao Paulo

You need to create the dimension. The dimension must contain a list of unique countries. Which two actions should you perform? Each correct answer presents part of the solution.

- A. Remove duplicates from the Country column.
- B. Remove duplicates from the City column.
- C. Remove duplicates from the table.
- D. Delete the City column.
- E. Delete the Country column.

Answer: AD

Explanation:

To create a dimension table for Country from your source data, you need to perform these two actions:

- 1. Delete the City column. You don't need this column for your Country dimension, as it is not a descriptive attribute of Country. You can create another dimension table for City if you want to use it in your analysis.
- 2. Remove duplicates from the Country column. You want to have a list of unique countries in your dimension table, so you need to remove any duplicate values from this column.

NEW QUESTION 66

FILL IN THE BLANK - (Topic 4)

You have a Power BI model that contains a table named Date. The table has the following columns.

Name	Sample value
Date	2022-06-01
Year	2022
Month Number	6
Month Name	June
Year Month	2022 Jun

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer is below.

Month Year Sort = [Year] / 100 + [Month Number]

NEW QUESTION 71

- (Topic 4)

You have a Power BI report that contains four pages. All the pages contain a slicer for a field named Country.

You need to ensure that when a user selects a country on page 1, the selection is retained on page 2 and page 3. The solution must prevent page 4 from being affected by selections on the other pages. What should you do?

- A. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the report-level filters.
- B. Remove the Country slicer from page 1, page 2, and page 3. Add the Country field to the page-level filters.
- C. Sync the Country slicer on page 1, page 2, and page 3.
- D. Move the Country slicer from page 2 and page 3 to page 1.

Answer: B

NEW QUESTION 76

HOTSPOT - (Topic 4)
You have a table that contains a column named Phone. The following is a sample of the data in the Phone column.

436-555-0160
385-555-0140
452-555-0179
290-555-0196
1 (11) 500 555-0122
128-555-0148
819-555-0186
996-555-0192
138-555-0156
556-555-0192

You need to add a new column that contains the data in the format of nnn-nnn-nnnn. How should you complete the Query Editor formula? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

= Table.AddColumn("#Previous Step", "Custom", each Text.

Insert

Remove

Replace

ReplaceRange

(Text.

At

End

Middle

Range

([Phone], 12), " ", "-"))

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
References:
<https://docs.microsoft.com/en-us/powerquery-m/text-replace> <https://docs.microsoft.com/en-us/powerquery-m/text-end>

NEW QUESTION 81

- (Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:
• Due Date
• Order Date
• Delivery Date
You need to support the analysis of sales over time based on all three dates at the same time.
Solution; You create measures that use the uSEREIATIOHSHIP DAX function to filter sales on the inactive relationships between the sales table and the date table.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 83

HOTSPOT - (Topic 4)
You have two CSV files named Products and Categories. The Products file contains the following columns:
? ProductID
? ProductName
? SupplierID
? CategoryID
The Categories file contains the following columns:
? CategoryID

? CategoryName
? CategoryDescription
From Power BI Desktop, you import the files into Power Query Editor.
You need to create a Power BI dataset that will contain a single table named Product. The Product will table includes the following columns:
? ProductID
? ProductName
? SupplierID
? CategoryID
? CategoryName
? CategoryDescription

How should you combine the queries, and what should you do on the Categories query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Combine the queries by performing a:

Append
Merge
Transpose

On the Categories query:

Delete the query.
Disable the query load.
Exclude the query from report refresh.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Combine the queries by performing a:

Append
Merge
Transpose

On the Categories query:

Delete the query.
Disable the query load.
Exclude the query from report refresh.

NEW QUESTION 88

- (Topic 4)

You have a large dataset that contains more than 1 million rows. The table has a datetime column named Date.
You need to reduce the size of the data model. What should you do?

- A. Round the hour of the Date column to startOfHour.
- B. Change the data type of the Date column to Text.
- C. Trim the Date column.
- D. Split the Date column into two columns, one that contains only the time and another that contains only the date.

Answer: D

Explanation:

We have to separate date & time tables. Also, we don't need to put the time into the date table, because the time is repeated every day.
Split your DateTime column into a separate date & time columns in fact table, so that you can join the date to the date table & the time to the time table. The time need to be converted to the nearest round minute or second so that every time in your data corresponds to a row in your time table.
Reference:
<https://intellipaas.com/community/6461/how-to-include-time-in-date-hierarchy-in-power-bi>

NEW QUESTION 90

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.
You need to create a reference line to show which employees are above the median salary.
Solution: You create an average line by using the Salary measure. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead create a percentile line by using the Salary measure and set the percentile to 50%. Note: The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_percentile.php

NEW QUESTION 95

FILL IN THE BLANK - (Topic 4)

You need to create a relationship in the dataset for RLS.

What should you do? To answer select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer as below

NEW QUESTION 100

DRAG DROP - (Topic 4)

You are building a dataset from a JSON file that contains an array of documents.

You need to import attributes as columns from all the documents in the JSON file. The solution must ensure that date attributes can be used as date hierarchies in Microsoft Power BI reports.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Expand the columns.

Expand the records.

Add columns that use data type conversions.

Set the data types.

Convert the list to a table.

Answer Area

<

>

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1- Convert list to table 2- Expand Column

3- Set Date type

Here is an example: <https://youtu.be/B4kzyxnhQfl>

The definition of the function which expand columns: <https://docs.microsoft.com/en-us/powerquery-m/table-expandrecordcolumn>

NEW QUESTION 102

- (Topic 4)

You have a BI dataset and a connected report.

You need to ensure that users can analyze data in Microsoft Excel by connecting directly to the dataset.

You grant the users the Build permission for dataset What Should do next?

- A. Change default visual interaction for the report
- B. For the report change the Export data setting to Summarized data, data with current layout and underlying data
- C. For the report, change the Export data setting to None
- D. Certify the dataset used by the report.

Answer: B

NEW QUESTION 105

- (Topic 4)

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is the same in each question in this series.

You have a Microsoft SQL Server database that contains the following tables.

Table name	Column name	Data type
Order	Order_ID	Integer
	Order_date	Integer
	Order_amount	Currency
	Customer_ID	Integer
	Order_ship_date	Integer
	Store_ID	Integer
Customer	Customer_ID	Integer
	First_name	Varchar(100)
	Last_name	Varchar(100)
	Customer_photo	Binary
Date	Date_ID	Integer
	Date_name	Datetime
	Month	Integer
	Week	Integer
	Year	Integer
Monthly_returns	Month_ID	Integer
	Total_returns	Float
	Store_ID	Varchar(100)
Store	Store_ID	Integer
	Name	Varchar(100)
	City	Varchar(100)
	Sales_target	Float

The following columns contain date information:

- Date[Month] in the mmyyyy format
 - Date[Date_ID] in the ddmmyyyy format
 - Date[Date_name] in the mm/dd/yyyy format
 - Monthly_returns[Month_ID] in the mmyyyy format
- The Order table contains more than one million rows.

The Store table has a relationship to the Monthly_returns table on the Store_ID column. This is the only relationship between the tables.

You plan to use Power BI Desktop to create an analytics solution for the data.

You need to create a relationship between the Order table and the Store table on the Store_ID column.

What should you do before you create the relationship?

- A. In the Order table query, use the Table.TrasformRows function.
- B. In the Store table query, use the Table.TrasformRows function.
- C. In the Store table query, use the Table.TrasformColumnTypes function.
- D. In the Order table query, use the Table.TrasformColumnTypes function.

Answer: C

NEW QUESTION 106

HOTSPOT - (Topic 4)

You need to create a Power BI report. The first page or the report must contain the following two views:

- * Sales By Postal Code
- * Sales by Month

Both views must display a slicer to select a value for a field named Chain.

The Sales By Postal Code view must display a map visual as shown in the following exhibit.

Answer Area

Minimum number of bookmarks:

Property:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Minimum number of bookmarks:

Property:

NEW QUESTION 111

- (Topic 4)

You have data in a Microsoft Excel worksheet as shown in the following table.

	A	B	C
1	SKU	price	discount
2	P00001	100	0.08
3	P00002	150	0.03
4	P00003	130	#DIV/0!
5	P00004	200	0.06
6	P00005	80	#NAME?
7	P00006	350	#N/A
8	P00007	100	#NULL!
9	P00008	200	0.05
10	P00009	135	#NUM!
11	P00010	90	#REF!
12	P00011	120	#VALUE!

You need to use Power Query to clean and transform the dataset. The solution must meet the following requirements:

- If the discount column returns an error, a discount of 0.05 must be used.
- All the rows of data must be maintained.
- Administrative effort must be minimized. What should you do in Power Query Editor?

- A. Select Keep Errors
- B. Edit the query in the Query Errors group.
- C. Select Replace Errors
- D. Select Remove Errors.

Answer: C

NEW QUESTION 113

- (Topic 4)

Your company has training videos that are published to Microsoft Stream. You need to surface the videos directly in a Microsoft Power BI dashboard. Which type of tile should you add?

- A. video
- B. custom streaming data
- C. text box
- D. web content

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/stream/portal-embed-video> <https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-add-widget#add-web-content>

NEW QUESTION 118

- (Topic 4)

You have a Power BI report that uses a dataset based on an Azure Analysis Services live connection.

You need to ensure that users can use Q&A from the Power BI service for the dataset. What should you do?

- A. From the Power BI service, add an enterprise gateway to the dataset.
- B. From Power BI Desktop, add synonyms and suggested questions.
- C. From Power BI Desktop, add a Q&A visual to the report.
- D. From the Power Bi service, select Turn on Q& A for this dataset.

Answer: D

NEW QUESTION 122

- (Topic 4)

You have a Microsoft Power BI dashboard.

You need to ensure that consumers of the dashboard can give you feedback that will be visible to the other consumers of the dashboard.

What should you use?

- A. Feedback
- B. Subscribe
- C. Comments
- D. Mark as favorite

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-comment>

NEW QUESTION 123

- (Topic 4)

You have multiple dashboards.

You need to ensure that when users browse the available dashboards from powerbi.com. they can see which dashboards contain Personally Identifiable Information (PII). The solution must minimize configuration effort and impact on the dashboard design.

What should you use?

- A. Active Directory groups
- B. tiles
- C. data classifications
- D. comments

Answer: A

NEW QUESTION 128

- (Topic 4)

You have an Azure SQL database that contains sales transactions. The database is updated frequently.

You need to generate reports from the data to detect fraudulent transactions. The data must be visible within five minutes of an update.

How should you configure the data connection?

- A. Add a SQL statement.
- B. Set Data Connectivity mode to DirectQuery.
- C. Set the Command timeout in minutes setting.
- D. Set Data Connectivity mode to Import.

Answer: B

Explanation:

With Power BI Desktop, when you connect to your data source, it's always possible to

import a copy of the data into the Power BI Desktop. For some data sources, an alternative approach is available: connect directly to the data source using DirectQuery.

DirectQuery: No data is imported or copied into Power BI Desktop. For relational sources, the selected tables and columns appear in the Fields list. For multi-dimensional sources like SAP Business Warehouse, the dimensions and measures of the selected cube appear in the Fields list. As you create or interact with a visualization, Power BI Desktop queries the underlying data source, so you're always viewing current data.

Reference:

<https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>

NEW QUESTION 130

HOTSPOT - (Topic 4)

You have a folder of monthly transaction extracts.

You plan to create a report to analyze the transaction data.

You receive the following email message: "Hi. I've put 24 files of monthly transaction data onto the shared drive. File Transactions201901.csv through

Transactions201912.csv have the latest set of columns, but files Transactions201801.csv to Transactions201812.csv have an older layout without the extra fields needed for analysis. Each file contains 10 to 50 transactions."

You get data from the folder and select Combine & Load. The Combine Files dialog box is shown in the exhibit. (Click the Exhibit tab.)

Combine Files

Specify the settings for each file. [Learn more](#)

Sample File:

First file

File Origin

1252: Western European (Windows)

Delimiter

Comma

Data Type Detection

Based on entire dataset

ID	Date	CustomerID	Amount
1	01/01/2018 08:00:00	5	28.99
2	01/01/2018 18:00:00	10	31.88
3	02/01/2018 08:00:00	15	22.99
4	02/01/2018 18:00:00	25	14.25
5	03/01/2018 08:00:00	35	85
6	03/01/2018 18:00:00	45	47.74
7	04/01/2018 08:00:00	55	76.66
8	04/01/2018 18:00:00	51	99.99
9	05/01/2018 08:00:00	52	10.99
10	05/01/2018 18:00:00	58	85

☒ Skip files with errors

OK

Cancel

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	The resulting query will contain all the columns from the 2018 transactions.	<input type="radio"/>	<input type="radio"/>
	The resulting query will contain all the columns from the 2019 transactions.	<input type="radio"/>	<input type="radio"/>
	Setting Data Type Detection to Based on first 200 rows will improve import times.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application
Description automatically generated

Box 1: Yes

The four columns used in the 2018 transactions are already displayed.

Box 2: Yes

The columns used are based on the entire dataset. The additional columns in the 2019 files will be detected.

Box 3: Yes

Note: Under the hoods, Power BI will automatically detect which delimiter to use, and may even promote the first row as headers. You can manually change the delimiter, or define how Power BI should handle data types. You can set it to automatically detect data types based on first 200 rows, or the entire dataset or you can even opt out the detection of data types.

NEW QUESTION 135

- (Topic 4)

You are reviewing a query that produces 10,000 rows in the Power Query Editor. You need to identify whether a column contains only unique values.

Which two Data Preview options can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Column profile
- B. Column distribution
- C. Show whitespace
- D. Column quality
- E. Monospace

Answer: AB

Explanation:

B: Column distribution: This feature provides a set of visuals underneath the names of the columns that showcase the frequency and distribution of the values in each of the columns. The data in these visualizations is sorted in descending order from the value with the highest frequency.
By hovering over the distribution data in any of the columns, you get information about the overall data in the column (with distinct count and unique values).
A: Column profile: This feature provides a more in-depth look at the data in a column [compared to column distribution]. Apart from the column distribution chart, it contains a column statistics chart.

Reference:

<https://docs.microsoft.com/en-us/power-query/data-profiling-tools>

NEW QUESTION 136

HOTSPOT - (Topic 4)

You are creating a Power Bi model in Power BI Desktop

You need to create a calculated table named Numbers that will contain all the integers from -100 to 100. How should you complete the DAX calculation? To answer, select the appropriate options in the answer area. NOTE Each correct selection is worth one point.

Answer Area

Numbers =

GENERATESERIES	(-100, 100, 1)
GENERATE	(100, 1, 200)
GENERATEALL	(-100, 100, 1)
GENERATESERIES	(-1, -100, 100)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Numbers =

GENERATESERIES	(-100, 100, 1)
GENERATE	(100, 1, 200)
GENERATEALL	(-100, 100, 1)
GENERATESERIES	(-1, -100, 100)

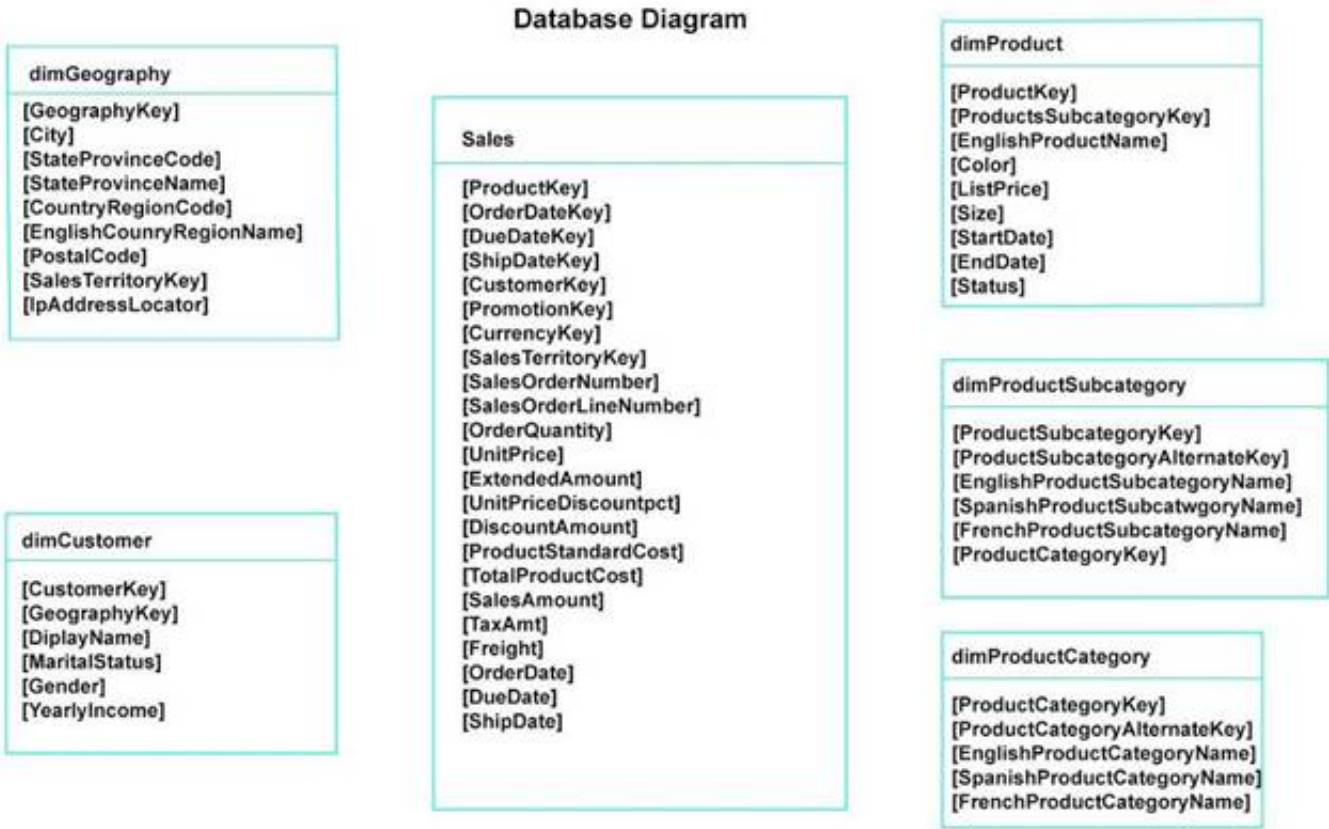
NEW QUESTION 137

- (Topic 4)

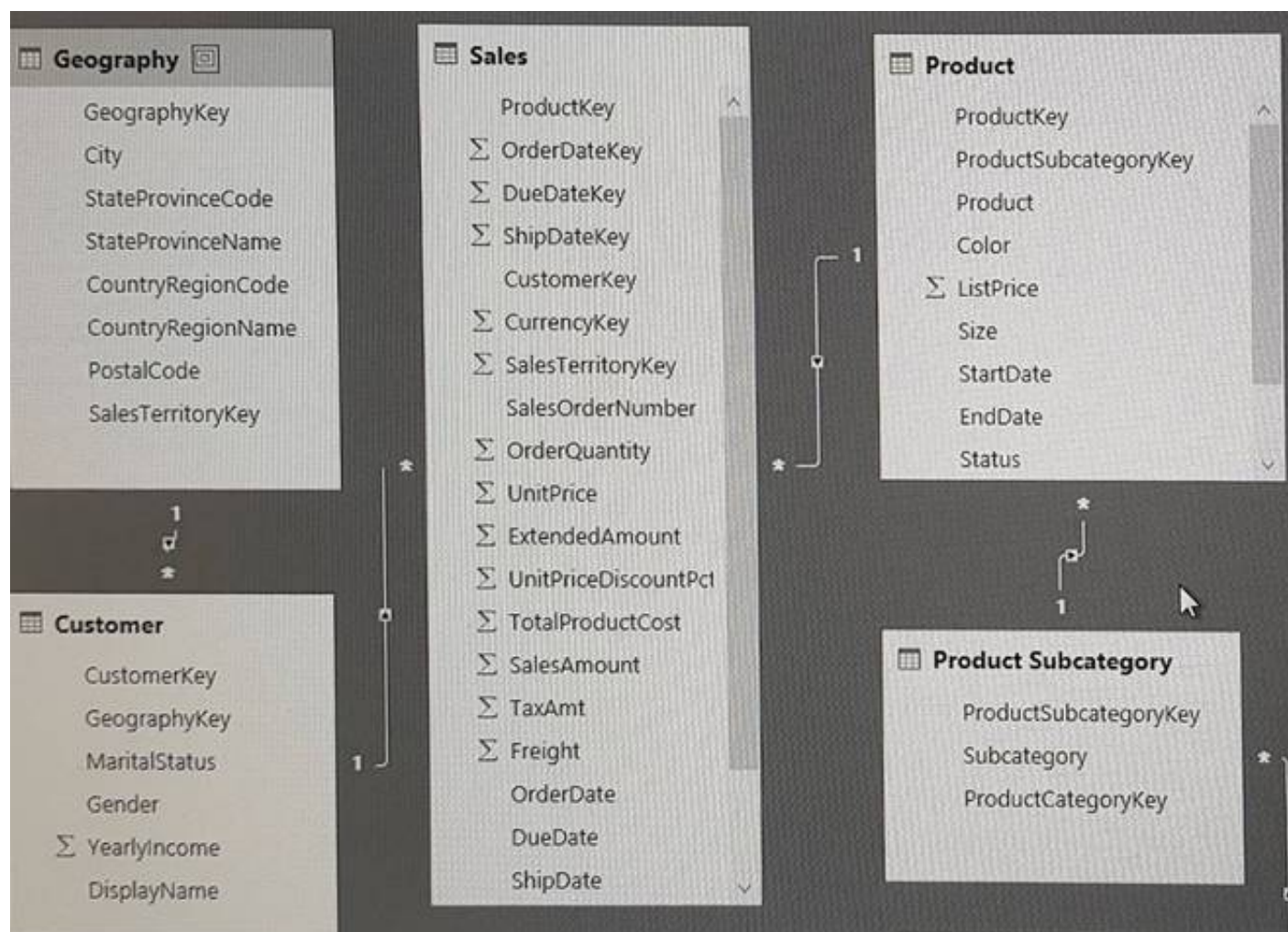
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.

You implement the Power BI model.

You need to add a new column to the Product Subcategory table that uses the following formula.

=if [Subcategory] =null then "NA" else [Subcategory] Which command should you use in Query Editor?

- A. Column From Examples
- B. Custom Column
- C. Invoke Custom Function
- D. Conditional Column

Answer: D

Explanation:

References: <http://community.powerbi.com/t5/Desktop/if-then-else/td-p/117999>

NEW QUESTION 141

- (Topic 4)

You have a report that contains a bar chart and a column chart. The bar chart shows customer count by customer segment. The column chart shows sales by month.

You need to ensure that when a segment is selected in the bar chart, you see which portion of the total sales for the month belongs to the customer segment. How should the visual interactions be set on the column chart when the bar chart is selected?

- A. no impact
- B. highlight
- C. filter

Answer: B

Explanation:

HIGHLIGHT as the question required us to "you see which portion of the total sales for the month belongs to the customer segment" -- in order to see WHICH portion, you need to still see the whole visual, highlight is most appropriate. If the requirement stated to ONLY SEE THE PORTION IT RELATES TO then filter would be appropriate.

NEW QUESTION 143

- (Topic 4)

You have a Power BI model that contains the following data.

Table name	Column name	Description	Data type
Date	Date	Calendar date	Date
	Month	Calendar month	Text
	Year	Calendar year	Integer
Sales	Sale	Sales value	Decimal number
	Date	Calendar date	Date

The Date table relates to the Sales table by using the Date columns. The model contains the following DAX measure.

Total Sales = SUM(Sales[Sale])

You need to create another measure named Previous Quarter to display the sales one quarter before the selected period.

Which DAX calculation should you use?

- A. CALCULATE < [Total Sales], OATEADD (Date[Date], -1, QUARTER))
- B. CALCULATE ([Total Sales], DATESQTD (Date[Date]))
- C. TOTALQTD ([Total Sales], Date[Date])
- D. CALCULATE < [Total Sales], PARALLELPERIOO (Date[Date], 1, QUARTER))

Answer: A

NEW QUESTION 144

- (Topic 4)

You have a Power BI workspace named Inventory that contains a dataset a report and a dashboard.

You need to add an additional tile to the dashboard. The tile must show inventory by location. This information is NOT visualized in the report. The solution must minimize the impact on the report.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Use quick insights on the dashboard.
- B. Hide the report page.
- C. Ask a question by using Q&A.
- D. Add the visual to the report.
- E. Pin the visual to the dashboard.

Answer: CE

NEW QUESTION 147

- (Topic 4)

From Power Query Editor, you attempt to execute a query and receive the following error message.

Datasource.Error: could not find file.

What are two possible causes of the error? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. The file is locked
- B. An incorrect privacy level was used for the data source.
- C. The referenced file was moved to a new location
- D. You do not have permissions to the file.

Answer: BD

NEW QUESTION 152

HOTSPOT - (Topic 4)

You have a Power BI report that contains the table visual shown in the following exhibit.

OrderDate	Total Sales	Total Cost
01-Oct-22	10.75	8.06
03-Oct-22	98.50	73.88
07-Oct-22	43.00	32.25
11-Oct-22	25.99	19.49
12-Oct-22	156.00	117.00
15-Oct-22	40.80	30.60

Answer Area

Type:

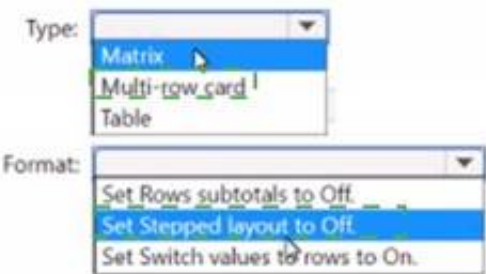
Format:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 157

DRAG DROP - (Topic 4)

You create a data model in Power BI.

Report developers and users provide feedback that the data model is too complex. The model contains the following tables.

Table name	Column name	Data type
Sales_Region	region_id	Integer
	name	Varchar
Region_Manager	region_id	Integer
	manager_id	Integer
Sales_Manager	sales_manager_id	Integer
	name	Varchar
	region_id	Integer
Manager	manager_id	Integer
	name	Varchar

The model has the following relationships:

*There is a one-to-one relationship between Sales_Region and Region_Manager.

*There are more records in Manager than in Region_Manager, but every record in Region_Manager has a corresponding record in Manager.

*There are more records in Sales_Manager than in Sales_Region, but every record in Sales_Region has a corresponding record in Sales_Manager.

You need to denormalize the model into a single table. Only managers who are associated to a sales region must be included in the reports.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Merge [Region_Manager] and [Manager] by using an inner join.

Merge [Sales_Manager] and [Sales_Region] by using a left join.

Merge [Sales_Region] and [Sales_Manager] by using an inner join.

Merge [Sales_Region] and [Sales_Manager] by using an inner join as a new query named [Sales_Region_and_Manager].

Merge [Sales_Region] and [Region_Manager] by using a right join as a new query named [Sales_Region_and_Region_Manager].

Merge [Sales_Region] and [Region_Manager] by using an inner join.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 1.Merge [Region_Manager] and [Manager] by using an inner join. 3.Merge [Sales_Region] and [Sales_Manager] by using an inner join. 6.Merge [Sales_Region] and [Region_Manager] by using an inner join.

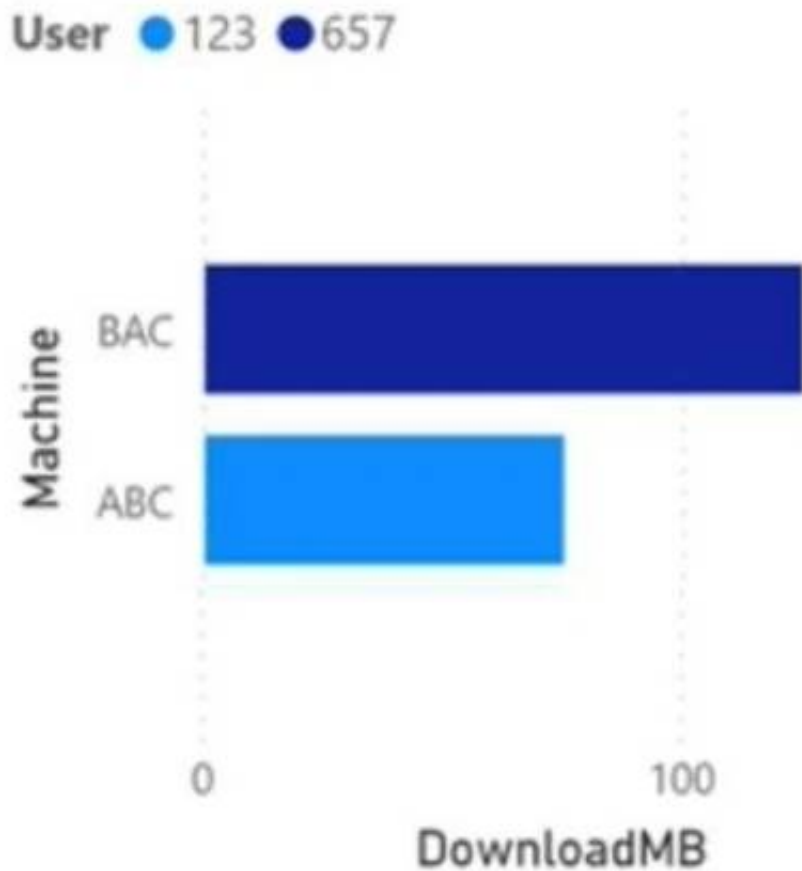
NEW QUESTION 161

- (Topic 4)

You are building a data model for a Power BI report. You have data formatted as shown in the following table.

Machine-User	DownloadMB
ABC-123	75
BAC-657	125

You need to create a clustered bar chart as shown in the following exhibit.



What should you do?

- A. From Power Query Editor, split the Machine-User column by using a delimiter.
- B. In a DAX function, create two calculated columns named Machine and User by using the substitute function.
- C. From Power Query Editor, create a column that contains the last three digits of the Machine-User column.
- D. in a DAX function, create two measures named Machine and User by using the substitute function.

Answer: A

NEW QUESTION 164

- (Topic 4)

You have a custom connector that returns ID, From, To, Subject, Body, and Has Attachments for every email sent during the past year. More than 10 million records are returned.

You build a report analyzing the internal networks of employees based on whom they send emails to.

You need to prevent report recipients from reading the analyzed emails. The solution must minimize the model size.

What should you do?

- A. Implement row-level security (RLS) so that the report recipients can only see results based on the emails they sent.
- B. Remove the Subject and Body columns during the import.
- C. From Model view, set the Subject and Body columns to Hidden.

Answer: B

NEW QUESTION 167

- (Topic 4)

You have a Power BI query named Sales that imports the columns shown in the following table.

Name	Description	Sample value
ID	A unique value that represents a sale	10253
Sale_Date	Sales date A column to extract the date of the sale	2021-11-23T09:53:00
Customer_ID	Represents a unique customer ID number	13158
Delivery_Time	Elapsed delivery time in hours Can contain null values	51.52
Status	Sales status Contains only the following two values: Finished and Canceled	Finished
Canceled_Date	Cancellation date and time Can contain null values	2021-11-24T14:11:23

Uses only use the dale part of the Sales.Date field. Only rows with a Status of Finished are used in analysis.

You need to reduce the load times of the query without affecting the analysis.

Which two actions achieve this goal? Each correct answer presents a complete solution. NOTL Each correct selection is worth one pant.

- A. Remove the rows in which sales [status] has a value of Canceled.
- B. Change the data type of sale [Delivery_Time] to Integer
- C. Removes (Canceled Date).
- D. Split Sales [Sale_Date] into separate date and time columns.
- E. Remove sales [Sales_Date].

Answer: AD

NEW QUESTION 168

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Create a column by example that starts with 2018-12-31.
- B. Create a column by example that starts with 2018-12-31 and set the data type of the new column to Date
- C. Apply the parse function from the Date transformations options to the Logged column.
- D. Add a conditional column that outputs 2018 if the Logged column starts with 2018 and set the data type of the new column to Whole Number.

Answer: A

NEW QUESTION 169

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI report that imports a date table and a sales table from an Azure SQL database data source. The sales table has the following date foreign keys:

- ? Due Date
- ? Order Date
- ? Delivery Date

You need to support the analysis of sales over time based on all the date foreign keys.

Solution: From Power Query Editor, you rename the date query as Due Date. You reference the Due Date query twice to make the queries for Order Date and Delivery Date.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Creating two additional tables in Power Query can be a possible solution: Remove any inactive relationships.

Consider renaming the role-playing dimension-type table to better describe its role. In the example, the Airport table is related to the ArrivalAirport column of the Flight table, so it's renamed as Arrival Airport.

Create a copy of the role-playing table, providing it with a name that reflects its role. If it's an Import table, we recommend defining a calculated table. If it's a DirectQuery table, you can duplicate the Power Query query.

In the example, the Departure Airport table was created by using the following calculated table definition.

NEW QUESTION 173

- (Topic 4)

You are creating a visual to show the ranking of product categories by sales revenue.

Your company's security policy states that you cannot send data outside of your Microsoft Power BI tenant

Which approach provides the widest variety of visuals while adhering to the security policy?

- A. Use default visuals or custom visuals uploaded from a .pbviz file.
- B. Use only default visuals.
- C. Use default or any custom visuals from the marketplace.
- D. Use default or certified custom visuals.

Answer: C

NEW QUESTION 174

HOTSPOT - (Topic 4)

Your company has affiliates who help the company acquire customers.

You build a report for the affiliate managers at the company to assist them in understanding affiliate performance.

The managers request a visual showing the total sales value of the latest 50 transactions for each affiliate. You have a data model that contains the following tables.

Table name	Column name
Transactions	TransactionDate
	ItemsOrdered
	Amount
	TransactionID
Affiliate	AffiliateID
	Name

You need to develop a measure to support the visual.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Revenue Last 50 Transactions =

CALCULATE
CONCATENATEX
SUM
SUMX
TOPN

(Transactions[Amount]),

(50, Transactions, Transactions

TransactionID]
[Amount],
[ItemsOrdered],
[TransactionDate],

DESC)

)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE
Start with CALCULATE and use a SUMX.
CALCULATE evaluates an expression in a modified filter context.
Box 2: SUM
Box 3: TOPN
TOPN returns the top N rows of the specified table.
Box 4: [TransactionDate]
TOPN Syntax: TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]...])
The orderBy_expression: Any DAX expression where the result value is used to sort the table and it is evaluated for each row of table.

NEW QUESTION 177

DRAG DROP - (Topic 4)
You have the Power BI data model shown in the following exhibit.
You create two row-level security (RLS) roles named Manager and CFO. You plan to publish the dataset to the Power BI service.
You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



The Country table contains the following data.

Country	Manager	Email
USA	CFO	cfo@msn.com
France	Phillipe	phillipe@msn.com
Brazil	Juan	juan@msn.com
Singapore	Srini	srini@msn.com

You plan to publish the dataset to the Power BI service.

You need to create DAX expressions for the RLS filters. The solution must meet the following requirements:

- Each manager must see only the data in the Sales and Human Resources tables for their own country.
- The CFO must be prevented from seeing the data in the Human Resources table.
- The CFO must see the sales data of all countries.

How should you complete the DAX expressions to meet the requirements? To answer, drag the appropriate expressions to the correct targets. Each expression may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Table Filter DAX Expression

[Country]= "USA"

[Email]= userprincipalname()

[Manager]= "CFO"

False()

True()

Answer Area

Human Resources:

Country:

You have a Power BI dashboard that monitors the quality of manufacturing processes. The dashboard contains the following elements:
? A line chart that shows the number of defective products manufactured by day.
? A KPI visual that shows the current daily percentage of defective products manufactured.
You need to be notified when the daily percentage of defective products manufactured exceeds 3%.
What should you create?

- A. a Q&A visual
- B. a subscription
- C. a smart narrative visual
- D. an alert

Answer: D

NEW QUESTION 184

- (Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
From Power Query Editor, you profile the data shown in the following exhibit.

	IoT GUID	IoT DateTime	IoT ID
	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>	<div><div>Valid</div><div>Error</div><div>Empty</div></div> <div>100%</div> <div>0%</div> <div>0%</div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IOT ID columns are unique to each row in query.
You need to analyze 10T events by the hour and day of the year. The solution must improve dataset performance.
Solution: You change the IOT DateTime column to the Date data type. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 187

- (Topic 4)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You are modeling data by using Microsoft Power BI. Part of the data model is a large Microsoft SQL Server table named Order that has more than 100 million records.
During the development process, you need to import a sample of the data from the Order table.
Solution: From Power Query Editor, you import the table and then add a filter step to the query.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 191

HOTSPOT - (Topic 4)
You have a dataset that has the permissions shown in the following exhibit.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to
use Analyze in Excel with
delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for
grant the Read permission for
remove a table from

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Users in the finance group can [answer choice] the dataset.

assign sensitivity labels to
use Analyze in Excel with
delete

Users in the corp group can [answer choice] the dataset.

grant the Build permission for
grant the Read permission for
remove a table from

NEW QUESTION 193

FILL IN THE BLANK - (Topic 4)

You have a Power 31 data model that contains a table named Stores. The table has the following columns:

- * Store Name
- * Open Date
- * Status
- * State
- * City

You need to create a calculated column named Active Store Name that meets the following requirements:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer is as below

Active Store Name = IF ([Status] = "A", [Store Name], "Inactive - " & [Store Name])

NEW QUESTION 194

- (Topic 4)

You are developing a report page. Some users will navigate the report by using a keyboard, and some users will consume the report by using a screen reader. You need to ensure that the users can consume the content on a report page in a logical order. What should you configure in Microsoft Power BI Desktop?

- A. the bookmark order
- B. the layer order
- C. the tab order
- D. the X position

Answer: C

Explanation:

If you find yourself unable to navigate to an object or visual while using a keyboard, it may be because the report author has decided to hide that object from the tab order. Report authors commonly hide decorative objects from the tab order. If you find that you cannot tab through a report in a logical manner, you should contact the report author. Report authors can set the tab order for objects and visuals.

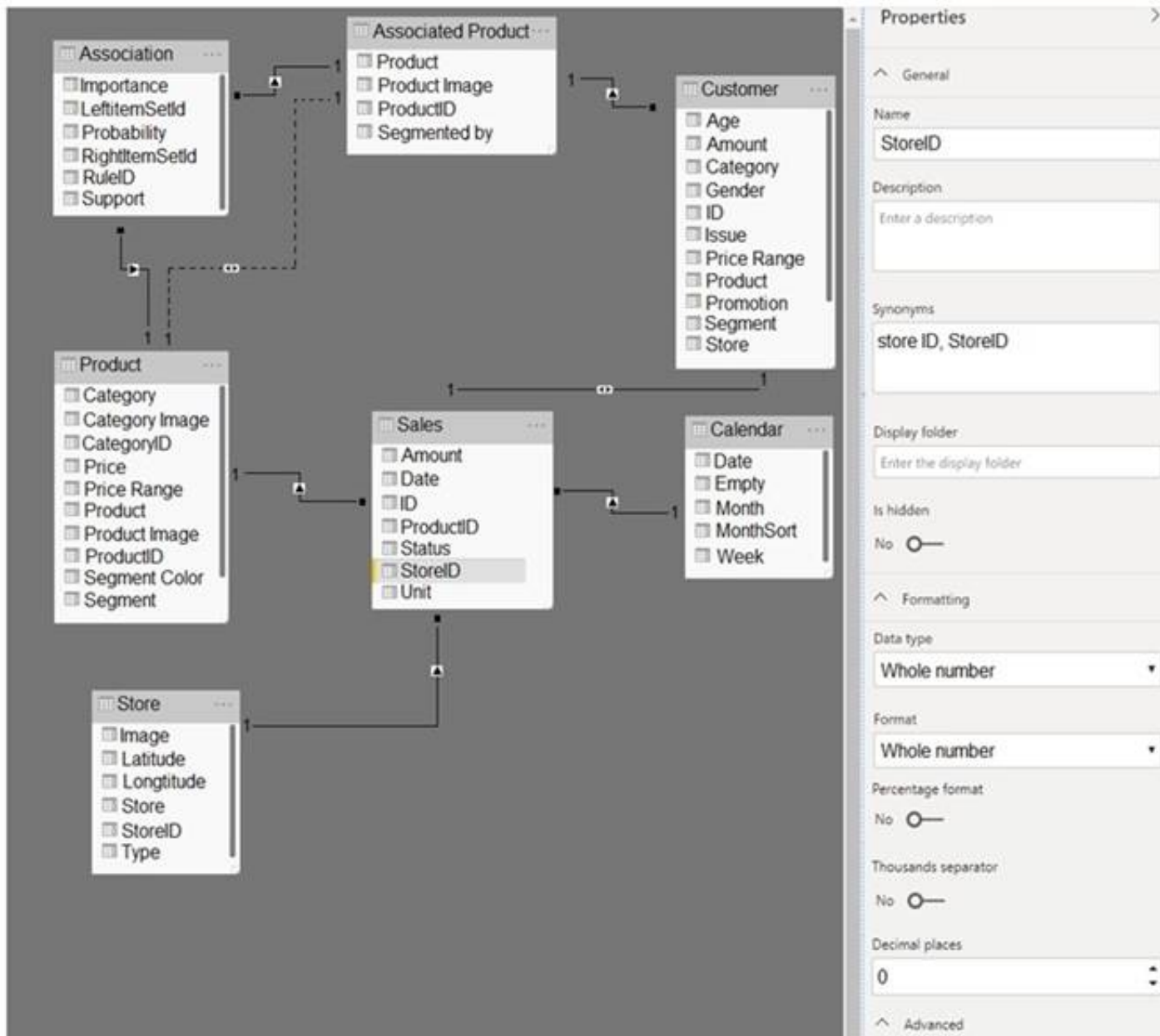
Reference:

<https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-consuming- tools>

NEW QUESTION 197

HOTSPOT - (Topic 4)

You have the Power BI data model shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

When a table visual is added to a blank report page and populated by using the StoreID field from the Sales table, a **[answer choice]** is displayed.

distinct count of the StoreID values
list of all the StoreID values
list of the distinct StoreID values
sum of the StoreID values

Adding a page filter of `Sales[StoreID] = 1` will filter the values displayed on the page from **[answer choice]**.

all the tables related to the Sales table
only the Sales table
only the Store table
the Sales table and the Customer table

NEW QUESTION 199

FILL IN THE BLANK - (Topic 4)

You have two Power BI workspaces named WorkspaceA and Workspaces. WorkspaceA contains two datasets named Sales and HR. You need to provide a user named User1 with access to the workspaces. The solution must meet the following requirements:

- Create reports that use the HR dataset.
- Publish the reports to WorkspaceB.
- Prevent the ability to modify the HR dataset.
- Prevent the ability to add users to WorkspaceB.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer is as below.

To access the HR dataset: Grant User1 share permissions for the HR dataset.

To publish reports to WorkspaceB: Assign User1 the Contributor role for WorkspaceB.

NEW QUESTION 201

DRAG DROP - (Topic 4)

You are preparing a financial report in Power BI.

You connect to the data stored in a Microsoft Excel spreadsheet by using Power Query Editor as shown in the following exhibit.

	Column1	1.2 Column2	1.2 Column3	1.2 Column4	1.2 Column5	1.2 Column6
1	Measure	2016	2017	2018	2019	2020
2	Revenue	0.5	0.6	0.55	0.61	0.42
3	Overheads	0.11	0.330410907	0.167055779	0.360178153	0.183179995
4	Cost of Goods	0.204388253	0.165848321	0.25	0.17	0.109073918

You need to prepare the data to support the following:

? Visualizations that include all measures in the data over time

? Year-over-year calculations for all the measures

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

Answer Area

>

<

↑

↓

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

Rename the Attribute column as Year

Rename the Measure column as Year

Use the first row as headers

Use headers as the first row

Unpivot all the columns other than Measure

Transpose the table

Change the data type of the Year column to Date

Answer Area

Use the first row as headers

Unpivot all the columns other than Measure

Rename the Attribute column as Year

Change the data type of the Year column to Date

NEW QUESTION 202

HOTSPOT - (Topic 4)

You are profiling data by using Power Query Editor.

The AddressLine2 column in a table named Address is shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

There are [answer choice] different values in the column including nulls.

There are [answer choice] non-null values that occur only once in the column.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

There are [answer choice] different values in the column including nulls.

There are [answer choice] non-null values that occur only once in the column.

NEW QUESTION 204

- (Topic 4)

You are configuring a Microsoft Power BI data model to enable users to ask natural language questions by using Q&A. You have a table named Customer that has the following measure.

Customer Count = DISTINCTCOUNT(Customer[CustomerID]) Users frequently refer to customers as subscribers.

You need to ensure that the users can get a useful result for "subscriber count" by using Q&A. The solution must minimize the size of the model.

What should you do?

- A. Add a description of "subscriber count" to the Customer Count measure.
- B. Set Summarize By to None for the CustomerID column.
- C. Add a description of "Subscriber" to the Customer table.
- D. Add a synonym of "subscriber" to the Customer table.

Answer: B

Explanation:

You can add synonyms to tables and columns.

Note: This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

This step applies specifically to Q&A (and not to Power BI reports in general). Users often have a variety of terms they use to refer to the same thing, such as total sales, net sales, total net sales. You can add these synonyms to tables and columns in the Power BI model.

Reference:

<https://docs.microsoft.com/en-us/power-bi/natural-language/q-and-a-best-practices>

NEW QUESTION 205

- (Topic 4)

You attempt to connect Purer 81 Desktop to a Cassandra database.

From the Get Data connector list you discover that there is no specific connector for the Cassandra database,

You need to select an alternate data connector that will connect to the database. Which of connector should you choose?

- A. Microsoft SQL Server database
- B. ODBC
- C. OData
- D. OLE DB

Answer: B

NEW QUESTION 209

HOTSPOT - (Topic 4)

You have a Power BI report.

You need to create a calculated table to return the 100 highest spending customers.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Top 100 Customers =

100,

▼

ASC[

DESC(

FILTER(

SUMMARIZE[

TOPN(

(FactTransaction,

▼

ASC

DESC

FILTER

SUMMARIZE

TOPN

FactTransaction[Customer ID],

"Sales",

SUM(FactTransaction[Sale])),

[Sales],

▼

ASC

DESC

FILTER

SUMMARIZE

TOPN

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: TOPN

TOPN returns the top N rows of the specified table.

Box 2: SUMMARIZE

SUMMARIZE returns a summary table for the requested totals over a set of groups.

Box 3: DESC

Sort in descending order.

It is last in the TOPN command. TOPN syntax:

TOPN(<n_value>, <table>, <orderBy_expression>, [<order>[, <orderBy_expression>, [<order>]]...])

NEW QUESTION 214

DRAG DROP - (Topic 4)

You are modeling data in table named SalesDetail by using Microsoft Power BI.

You need to provide end users with access to the summary statistics about the SalesDetail data. The users require insights on the completeness of the data and the value distributions.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Specify the following query, then close and apply.
-Table.Distinct("#SalesDetail")

Create a visual for the query table.

Create a parameter that uses a query for the suggested values.

Create a query that uses Common Data Service as a data source.

Specify the following query, then close and apply.
-Table.Profile("#SalesDetail")

Create a blank query as a data source.

Answer Area

⏪

⏩

⏪

⏩

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Specify the following query, then close and apply.
-Table.Distinct("#SalesDetail")

Create a visual for the query table.

Create a parameter that uses a query for the suggested values.

Create a query that uses Common Data Service as a data source.

Specify the following query, then close and apply.
-Table.Profile("#SalesDetail")

Create a blank query as a data source.

Answer Area

Create a blank query as a data source.

Specify the following query, then close and apply.
-Table.Profile("#SalesDetail")

Create a visual for the query table.

NEW QUESTION 217

- (Topic 4)

In Power BI Desktop, you are building a sales report that contains two tables. Both tables have row-level security (RLS) configured.

You need to create a relationship between the tables. The solution must ensure that bidirectional cross-filtering honors the RLS settings. What should you do?

- A. Create an active relationship between the tables and select Assume referential integrity.
- B. Create an inactive relationship between the tables and select Assume referential integrity.
- C. Create an inactive relationship between the tables and select Apply security filter in both directions.
- D. Create an active relationship between the tables and select Apply security filter in both directions.

Answer: D

Explanation:

By default, row-level security filtering uses single-directional filters, whether the relationships are set to single direction or bi-directional. You can manually enable bi- directional cross-filtering with row-level security by selecting the relationship and checking the Apply security filter in both directions checkbox. Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID.

Cardinality

Many to one (":1)

Cross filter direction

Both

☒ Make this relationship active

☐ Assume referential integrity

☒ Apply security filter in both directions

OK

Cancel

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

NEW QUESTION 218

- (Topic 4)
You need to provide a user with the ability to add members to a workspace. The solution must use the principle of least privilege.
Which role should you assign to the user?

- A. Viewer
- B. Contributor
- C. Member
- D. Admin

Answer: C

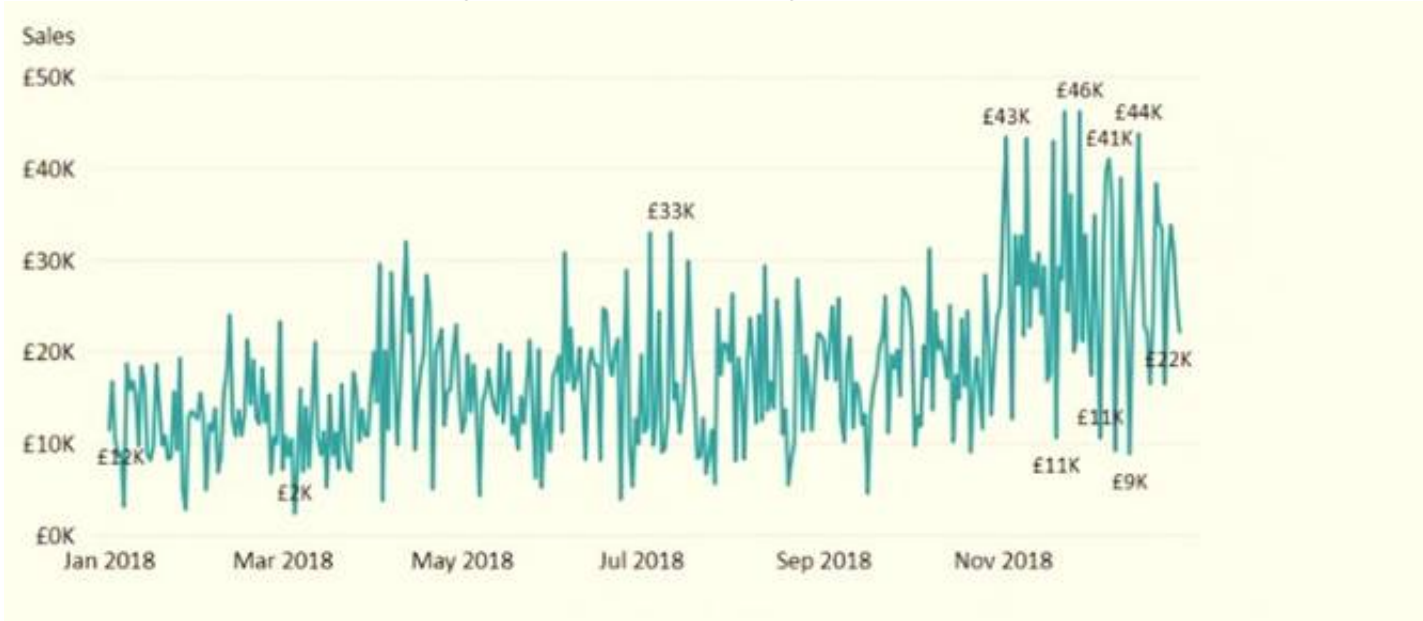
Explanation:

A Member can add members or others with lower permissions. Note:

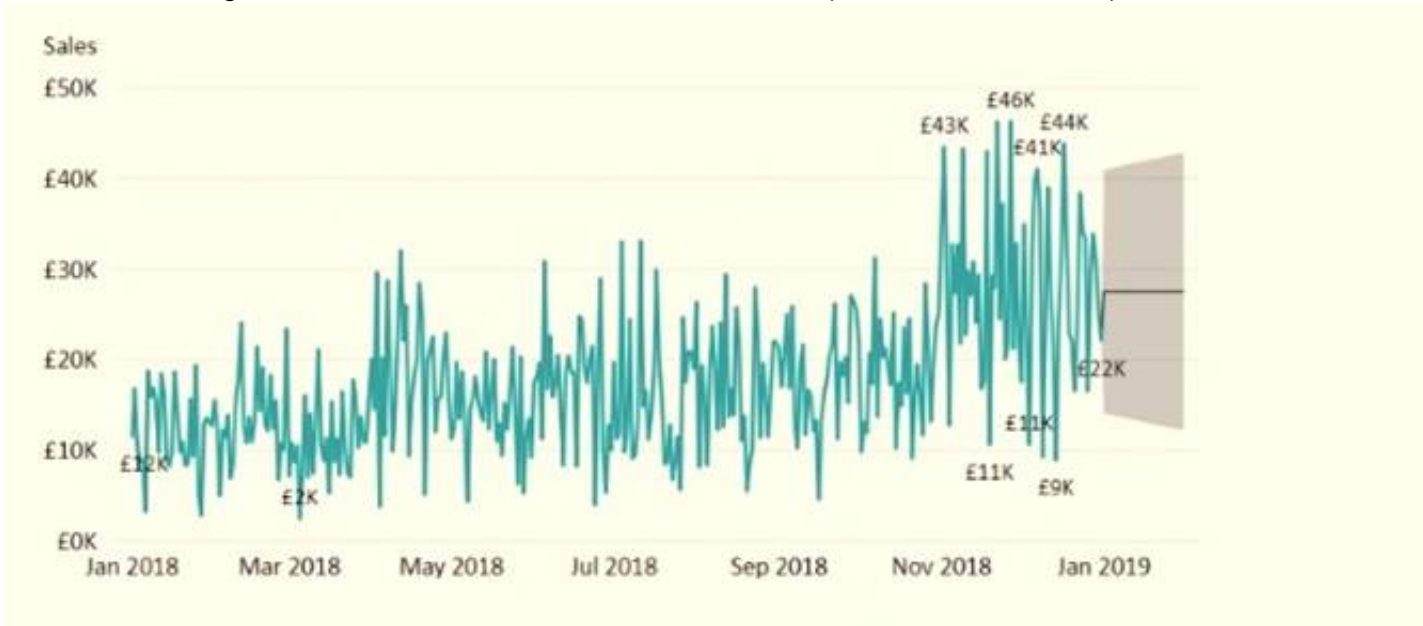
Capability	Admin	Member	Contributor	Viewer
Update and delete the workspace.	✓			
Add/remove people, including other admins.	✓			
Allow Contributors to update the app for the workspace	✓			
Add members or others with lower permissions.	✓	✓		

NEW QUESTION 222

- (Topic 4)
You have the visual shown in the Original exhibit. (Click the Original tab.)



You need to configure the visual as shown in the Modified exhibit. (Click the Modified tab.)



What should you add to the visual?

- A. a measure
- B. a trendline
- C. a forecast
- D. an Average line

Answer: C

Explanation:

Explore forecast results by adjusting the desired confidence interval or by adjusting outlier data to see how they affect results.



Timeline Description automatically generated with low confidence

Reference:

<https://powerbi.microsoft.com/fr-fr/blog/introducing-new-forecasting-capabilities-in-power-view-for-office-365/>

NEW QUESTION 227

- (Topic 4)

For the sales department at your company, you publish a Power BI report that imports data from a Microsoft Excel We located in a Microsoft SharePoint folder The data model contains several measures You need to create a Power BI report from the existing data. The solution must minimize development effort. Which type of data source should you use?

- A. a SharePoint folder
- B. Power BI dataflows
- C. an Excel workbook
- D. Power BI dataset

Answer: A

Explanation:

case states there is already a report published and the datamodel contains measures. therefore and to be able to use the measures in the datamodel you should connect to the existing dataset (which was created when you published the report) instead of starting from scratch with the files in the SharePoint folder.

NEW QUESTION 228

HOTSPOT - (Topic 4)

Your company plans to use Power BI for 20 users in the sales department. The users will perform the following tasks:

- ? Access a published Power BI app
- ? Modify reports in an app workspace
- ? Share dashboards created in My Workspace

You need to identify which Power BI licenses are required for the tasks. The solution must use the Power BI (free) licenses, whenever possible.

Which license should you identify for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Access a published Power BI app:

☐ Power BI (free)

☐ Power BI PRO

Modify report in an app workspace:

☐ Power BI (free)

☐ Power BI PRO

Share dashboards created in My Workspace:

☐ Power BI (free)

☐ Power BI PRO

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
https://docs.microsoft.com/en-us/power-bi/service-create-distribute-apps
https://docs.microsoft.com/en-us/power-bi/service-collaborate-power-bi-workspace

NEW QUESTION 232

DRAG DROP - (Topic 4)
You have a Microsoft Excel spreadsheet that contains the data shown in the following table.

Department	Stage	School1	School2	School3	School4
Mathematics	1	75	65	90	70
Mathematics	2	80	70	80	75
Geography	1	95	65	80	75
Geography	2	80	70	80	75

You plan to build a data model for a Power BI report.
You need to prepare the data so that it is available to the model in the format shown in the following table.

Department	School	Avg Score
Mathematics	School1	77.5
Geography	School1	87.5

Which three actions should you perform in sequence in Power Query Editor? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Group by [Department],[School1],[School2],[School3],[School4] and create a new column named [Avg Score] that uses the average function on the [Stage] column.

Select and unpivot the [Department] and [Stage] columns.

Select the [Department] and [Stage] columns and unpivot the other columns.

Rename the [Attribute] column as [School] and the [Value] column as [Score].

Group by [Department] and [School] and create a new column named [Avg Score] that uses the average function on the [Score] column.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Actions

Group by [Department],[School1],[School2],[School3],[School4] and create a new column named [Avg Score] that uses the average function on the [Stage] column.

Select and unpivot the [Department] and [Stage] columns.

Select the [Department] and [Stage] columns and unpivot the other columns.

Rename the [Attribute] column as [School] and the [Value] column as [Score].

Group by [Department] and [School] and create a new column named [Avg Score] that uses the average function on the [Score] column.

Answer Area

Select the [Department] and [Stage] columns and unpivot the other columns.

Rename the [Attribute] column as [School] and the [Value] column as [Score].

Group by [Department] and [School] and create a new column named [Avg Score] that uses the average function on the [Score] column.

NEW QUESTION 236

FILL IN THE BLANK - (Topic 4)
You need to create a measure that will return the percentage of late orders.
How should you complete the DAX expression? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Answer as below

Answer Area

Late Orders Percent =

VAR OrderCount =

COUNTROWS ('Orders')

VAR LateOrders =

CALCULATE

COUNTROWS ('Orders'),

FILTER

(Orders,

Orders[ShippedDate] > Orders[RequiredDate]

)

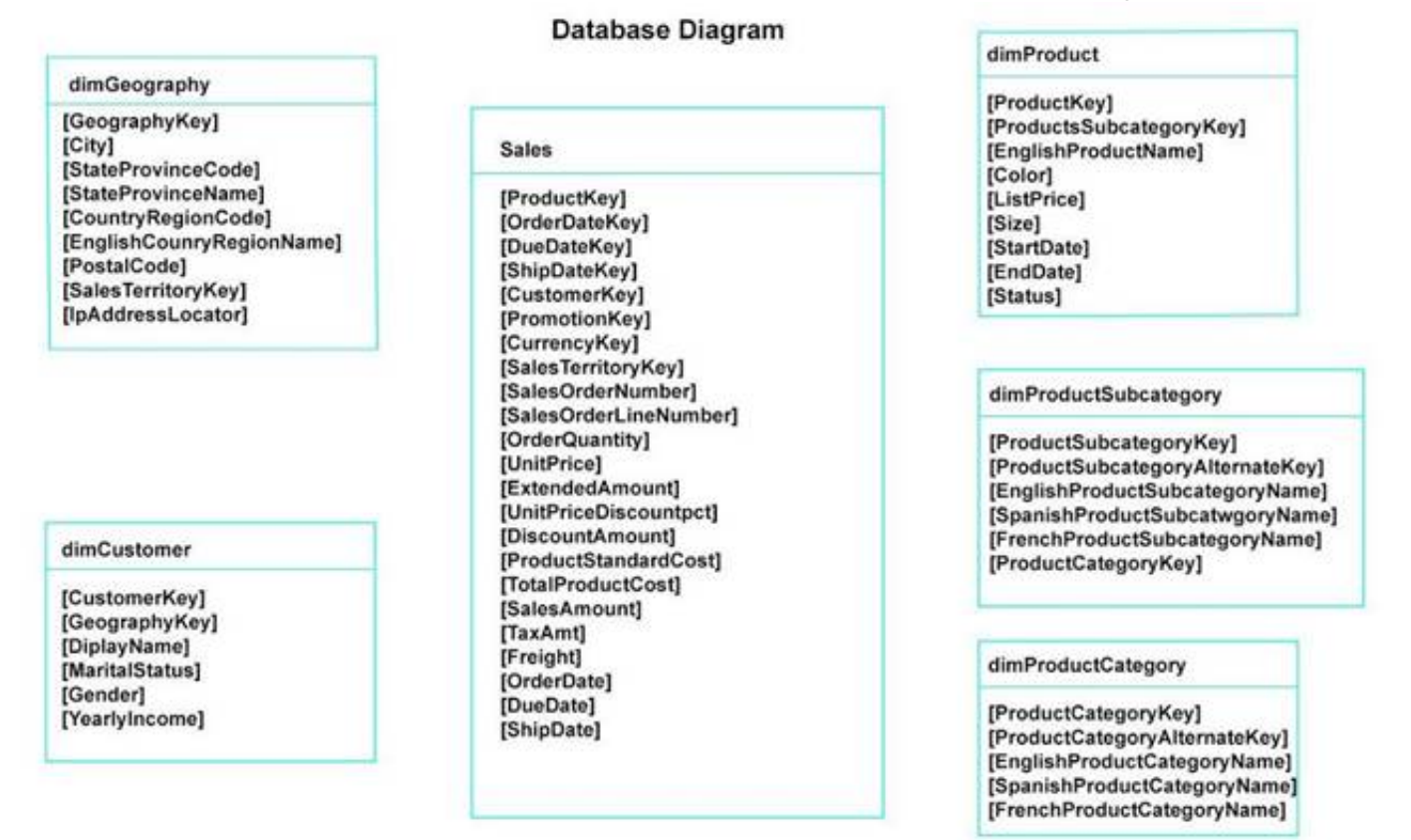
NEW QUESTION 239

- (Topic 4)

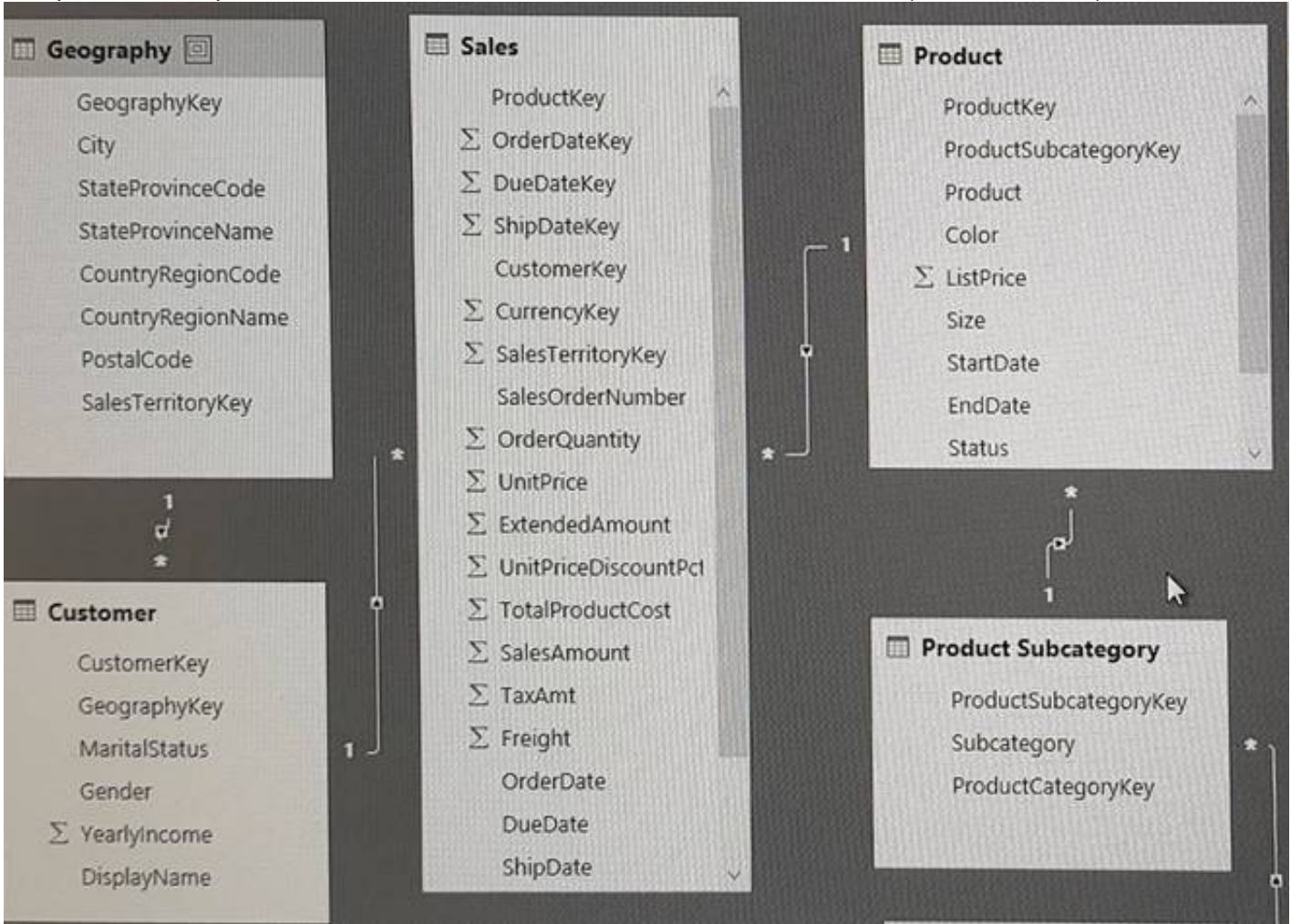
Note: This question is a part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario

You have a Microsoft SQL Server database that has the tables shown in the Database Diagram exhibit. (Click the Exhibit.)



You plan to develop a Power BI model as shown in the Power BI Model exhibit. (Click the Exhibit).



You plan to use Power BI to import data from 2013 to 2015. Product Subcategory [Subcategory] contains NULL values. End of repeated scenario.

You implement the Power BI model.

You need to add a measure to rank total sales by product. The results must appear as shown in the following table.

Rank	Product	SalesAmount
1	Product3	13,0000
1	Product2	13,0000
2	Product1	12,0000
3	Product5	10,000
3	Product4	10,000

Which DAX formula should you use?

- A. Product Ranking= RANKX (Product, [SalesAmount], , DESC, Skip)
- B. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Dense)
- C. Product Ranking= RANKX (ALL, ('Product'), [SalesAmount], , DESC, Skip)
- D. Product Ranking= RANKX (ALL ('Product'), [SalesAmount], , Asc, Dense)

Answer: B

Explanation:

References: <https://msdn.microsoft.com/en-us/library/gg492185.aspx>

NEW QUESTION 242

- (Topic 4)

In Power BI Desktop, you are creating a report that will contain three pages. You need to create a custom tooltip page and prepare the page for use. Which three actions should you perform? Each correct answer presents part of the solution.

- A. Configure filters on the target visual.
- B. For the target page, set Allow use as tooltip to On.
- C. Add and configure visuals on the tooltip page.
- D. For the tooltip page, set Allow use as tooltip to On.
- E. For the tooltip page, configure filters.

Answer: BCD

Explanation:

You can create a custom tooltip page that shows more details about the selected category, such as this:

To create a custom tooltip page and prepare it for use, you need to perform these three actions:

- 1. Add and configure visuals on the tooltip page. You can add any visuals, images, or other items that you want to show on the tooltip page. You can also format them as you like.
- 2. For the tooltip page, set Allow use as tooltip to On. This will enable Power BI to recognize this page as a tooltip page. You can also change the Page size to Tooltip to fit your content better.
- 3. For the target visual, set Tooltip type to Report page. This will allow you to select which report page you want to use as a custom tooltip for your visual. You can also filter your tooltip by fields from your target visual.

NEW QUESTION 244

- (Topic 4)

You need to create a Power BI theme that will be used in multiple reports. The theme will include corporate branding for font size, color, and bar chart formatting. What should you do?

- A. Create a theme as a PBIVIZ file and import the theme into Power BI Desktop.
- B. Create a theme as a JSON file and import the theme into Power BI Desktop.
- C. From Power BI Desktop, use a built-in report theme.
- D. From Power BI Desktop, customize the current theme.

Answer: D

NEW QUESTION 247

- (Topic 4)

You have a report in Power BI named report1 that is based on a shared dataset.

You need to minimize the risk of data exfiltration for report1. The solution must prevent other reports from being affected.

What should you do?

- A. Clear Allow recipients to share your dashboard and Allow users to build new content using the underlying datasets for the dataset.
- B. Select the Allow end users to export both summarized and underlying data from the service or Report Server Export data option for the report.
- C. Select the Don't allow end users to export any data from the service or Report Server Export data option for the report.
- D. Apply row-level security (RLS) to the shared dataset.

Answer: C

NEW QUESTION 252

HOTSPOT - (Topic 4)
You have a column named UnitsInStock as shown in the following exhibit

Answer Area

```
Late Orders Percent =  
VAR OrderCount =  
    COUNTROWS ( 'Orders' )  
VAR LateOrders =  
    CALCULATE  
        ( COUNTROWS ( 'Orders' ),  
          FILTER ( Orders, Orders[ShippedDate] > Orders[RequiredDate] ) )
```

UnitsInStock has 75 non-null values, of which 51 are unique.
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

When a table visual is created in a report and UnitsInStock is added to the values, there will be [answer choice] in the table.

Changing the Summarize by setting of the UnitsInStock column, and then adding the column to a table visual, will [answer choice] the number of rows in the table visual.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

When a table visual is created in a report and UnitsInStock is added to the values, there will be [answer choice] in the table.

Changing the Summarize by setting of the UnitsInStock column, and then adding the column to a table visual, will [answer choice] the number of rows in the table visual.

NEW QUESTION 256

HOTSPOT - (Topic 4)
You have a dataset that contains revenue data from the past year.
You need to use anomaly detection in Power BI to show anomalies in the dataset.
What should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Chart type:

Chart configuration:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Chart type:

Chart configuration:

NEW QUESTION 260

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have several reports and dashboards in a workspace.

You need to grant all organizational users read access to a dashboard and several reports. Solution: You publish an app to the entire organization.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://docs.microsoft.com/es-es/power-bi/collaborate-share/service-create- distribute-apps>

NEW QUESTION 264

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Microsoft Excel workbook that is saved to Microsoft SharePoint Online. The workbook contains several Power View sheets.

You need to recreate the Power View sheets as reports in the Power BI service. Solution: From the Power BI service, get the data from SharePoint Online, and then click

Connect

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

We need to click "Import", not "Connect".

References:

<https://docs.microsoft.com/en-us/power-bi/service-excel-workbook-files>

NEW QUESTION 266

HOTSPOT - (Topic 4)

You create a Power BI dataset that contains the table shown in the following exhibit.

Business Unit
Cost Center
Headcount
ID
Name

You need to make the table available as an organizational data type In Microsoft Excel.

How should you configure the properties of the table? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Row label:

Cost Center

Cost Center

Headcount

ID

Name

Key column:

ID

Cost Center

Headcount

ID

Name

Is featured table:

Yes

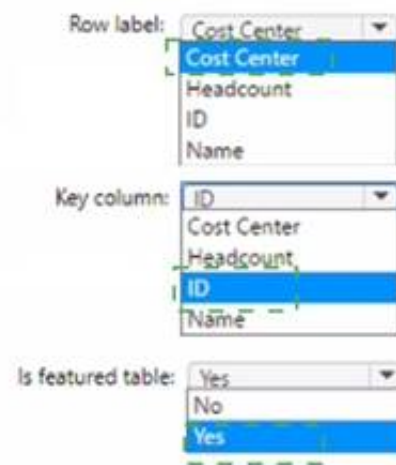
No

Yes

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Answer Area



Row label: Cost Center
 Cost Center
 Headcount
 ID
 Name

Key column: ID
 Cost Center
 Headcount
 ID
 Name

Is featured table: Yes
 No
 Yes

NEW QUESTION 271

- (Topic 4)

You have a PBIX file that imports several tables from an Azure SQL database. The data will be migrated to another Azure SQL database. You need to change the connections in the PBIX file. The solution must minimize administrative effort. What should you do?

- A. From Power Query Editor, modify the source of each query.
- B. Create a PBIT file, open the file, and change the data sources when prompted
- C. From Power Query Editor, create new queries.
- D. Modify the Data source settings.

Answer: D

NEW QUESTION 275

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a parameter named DataSourceExcel that holds the file name and location of a Microsoft Excel data source.

You need to update the query to reference the parameter instead of multiple hard-coded copies of the location within each query definition.

Solution: In the Power Query M code, you replace references to the Excel file with DataSourceExcel.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Instead modify the source step of the queries to use DataSourceExcel as the file path.

Note: Parameterising a Data Source could be used in many different use cases. From connecting to different data sources defined in Query Parameters to load different combinations of columns.

Reference:

<https://www.biinsight.com/power-bi-desktop-query-parameters-part-1/>

NEW QUESTION 277

- (Topic 4)

From Power BI Desktop, you publish a new dataset and report to a Power BI workspace. The dataset has a row-level security (RLS) role named HR. You need to ensure that the HR team members have RLS applied when they view reports based on the dataset. What should you do?

- A. From Power BI Desktop, change the Row-Level Security settings.
- B. From Power BI Desktop, import a table that contains the HR team members
- C. From powerbi.com, add users to the HR role for the dataset.
- D. From powerbi.com, share the dataset to the HR team members.

Answer: C

NEW QUESTION 281

DRAG DROP - (Topic 4)

You have a folder that contains 100 CSV files.

You need to make the file metadata available as a single dataset by using Power BI. The solution must NOT store the data of the CSV files.

Which three actions should you perform in sequence. To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

From Power Query Editor, remove the Attributes column.

From Power Query Editor, remove the Content column.

From Power BI Desktop, select Get Data, and then select Text/CSV.

From Power BI Desktop, select **Get Data**, and then select Folder.

From Power Query Editor, expand the Attributes column.

From Power Query Editor, combine the Content column.

>

<

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

From Power BI Desktop, select Get Data, and then select Folder. From Power Query Editor, remove the Content column. From Power Query Editor, expand the Attributes column.

NEW QUESTION 284

- (Topic 4)

You are creating a Power BI report to analyze consumer purchasing patterns from a table named Transactions. The Transactions table contains a numeric field named Spend. You need to include a visual that identifies which fields have the greatest impact on Spend. Which type of visual should you use?

- A. decomposition tree
- B. Q&A
- C. smart narrative
- D. key influences

Answer: D

NEW QUESTION 286

- (Topic 4)

You have a Power BI report. The report contains visualizations that have interactions. You need to identify which visualizations take the longest to complete. What should you use?

- A. SQL Server Profiler
- B. Performance Analyzer in Power BI Desktop
- C. Query Diagnostics in Power BI
- D. Microsoft Edge DevTools

Answer: B

Explanation:

Use Power BI Desktop Performance Analyzer to optimize reports. In Power BI Desktop you can find out how each of your report elements, such as visuals and DAX formulas, are performing. Using the Performance Analyzer, you can see and record logs that measure how each of your report elements performs when users interact with them, and which aspects of their performance are most (or least) resource intensive. Reference: <https://docs.microsoft.com/en-us/power-bi/create-reports/desktop-performance-analyzer>

NEW QUESTION 287

HOTSPOT - (Topic 4)

You have a Power BI report named Orders that supports the following analysis:

- Total sales over time
- The count of orders over time
- New and repeat customer counts

The data model size is nearing the limit for a dataset in shared capacity. The model view for the dataset is shown in the following exhibit.

Customers

Date

Answer Area

Statements	Yes	No
Summarizing Orders by the CustomerID, OrderID, and OrderDate columns will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>
Removing the CustomerID column from Orders will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>
Removing the UnitPrice and Discount columns from Orders will reduce the model size while still supporting the current analysis.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

Summarizing Orders by the CustomerID, OrderID, and OrderDate columns will reduce the model size while still supporting the current analysis.

Removing the CustomerID column from Orders will reduce the model size while still supporting the current analysis.

Removing the UnitPrice and Discount columns from Orders will reduce the model size while still supporting the current analysis.

Yes

No

NEW QUESTION 291

- (Topic 4)

You have a data model that contains many complex DAX expressions. The expressions contain frequent references to the RELATED and RELATEDTABLE functions. You need to recommend a solution to minimize the use of the RELATED and RELATEDTABLE functions. What should you recommend?

- A. Merge tables by using Power Query.
- B. Hide unused columns in the model.
- C. Split the model into multiple models.
- D. Transpose.

Answer: A

Explanation:

Combining data means connecting to two or more data sources, shaping them as needed, then consolidating them into a useful query. When you have one or more columns that you’d like to add to another query, you merge the queries. Note: The RELATEDTABLE function is a shortcut for CALCULATETABLE function with no logical expression. CALCULATETABLE evaluates a table expression in a modified filter context and returns A table of values. Reference: <https://docs.microsoft.com/en-us/power-bi/connect-data/desktop-shape-and-combine-data>

NEW QUESTION 296

- (Topic 4)

You have a Power BI report hosted on powerbi.com that displays expenses by department for department managers. The report contains a line chart that shows expenses by month. You need to enable users to choose between viewing the report as a line chart or a column chart. The solution must minimize development and maintenance effort. What should you do?

- A. Add a column chart, a bookmark, and a button for users to choose a visual.
- B. Create a mobile report that contains a column chart.
- C. Create a separate report page for users to view the column chart.
- D. Enable report readers to personalize visuals.

Answer: C

NEW QUESTION 300

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. From Power Query Editor, you profile the data shown in the following exhibit.

	A ^B _C IoT GUID	IoT DateTime	1 ² ₃ IoT ID
	<div> <div>Valid</div> <div>100%</div> </div> <div> <div>Error</div> <div>0%</div> </div> <div> <div>Empty</div> <div>0%</div> </div>	<div> <div>Valid</div> <div>100%</div> </div> <div> <div>Error</div> <div>0%</div> </div> <div> <div>Empty</div> <div>0%</div> </div>	<div> <div>Valid</div> <div>100%</div> </div> <div> <div>Error</div> <div>0%</div> </div> <div> <div>Empty</div> <div>0%</div> </div>
1	48196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:25	100001000
2	49196321-38D9-EC11-883D-0022489A2...	21/05/2022 18:59:26	100001001
3	0300C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001002
4	0400C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001003
5	0500C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001004
6	0600C742-38D9-EC11-883D-0022489A2...	21/05/2022 19:00:21	100001005

The IoT GUID and IoT ID columns are unique to each row in query. You need to analyze IoT events by the hour and day of the year. The solution must improve dataset performance. Solution: You remove the IoT GUID column and retain the IoT ID column. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 303

HOTSPOT - (Topic 4)
The data model must support the following analysis:
? Total sales by product by month in which the order was placed
? Quantities sold by product by day on which the order was placed
? Number Of sales transactions by quarter in Which the order was placed
For each Of the following statements, select Yes if the statement is true. Otherwise, select NO.

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Removing the LastUpdated column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ProductID column from the Sales table reduces the model size while still supporting the required analysis.	<input checked="" type="radio"/>	<input type="radio"/>
Removing the ShipDate column from the Sales table reduces the model size while still	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 307

- (Topic 4)
You manage a Power BI model has a table named Sales and product.
You need to ensure that a sales team can view only data that has a CountryRegionName value of United States and a ProductCategory value of Clothing.
What should you do from Power BI Desktop?

- A. From Power BI Desktop, create a new role that has the following filter.[countryRegionName]= “United States” && [ProductCategory]= “Clothing”
- B. Add the following filters in Query Editor.CountryRegionName is United StatesProductCategory is Clothing
- C. From Power BI Desktop, create a new role that has the following filters.[CountryRegionName]= “United States”
- D. Add the following filters to a report.CountryRegionName is United SatesProductCategory is Clothing

Answer: D

Explanation:

References: <https://docs.microsoft.com/en-us/power-bi/power-bi-how-to-report-filter>

NEW QUESTION 310

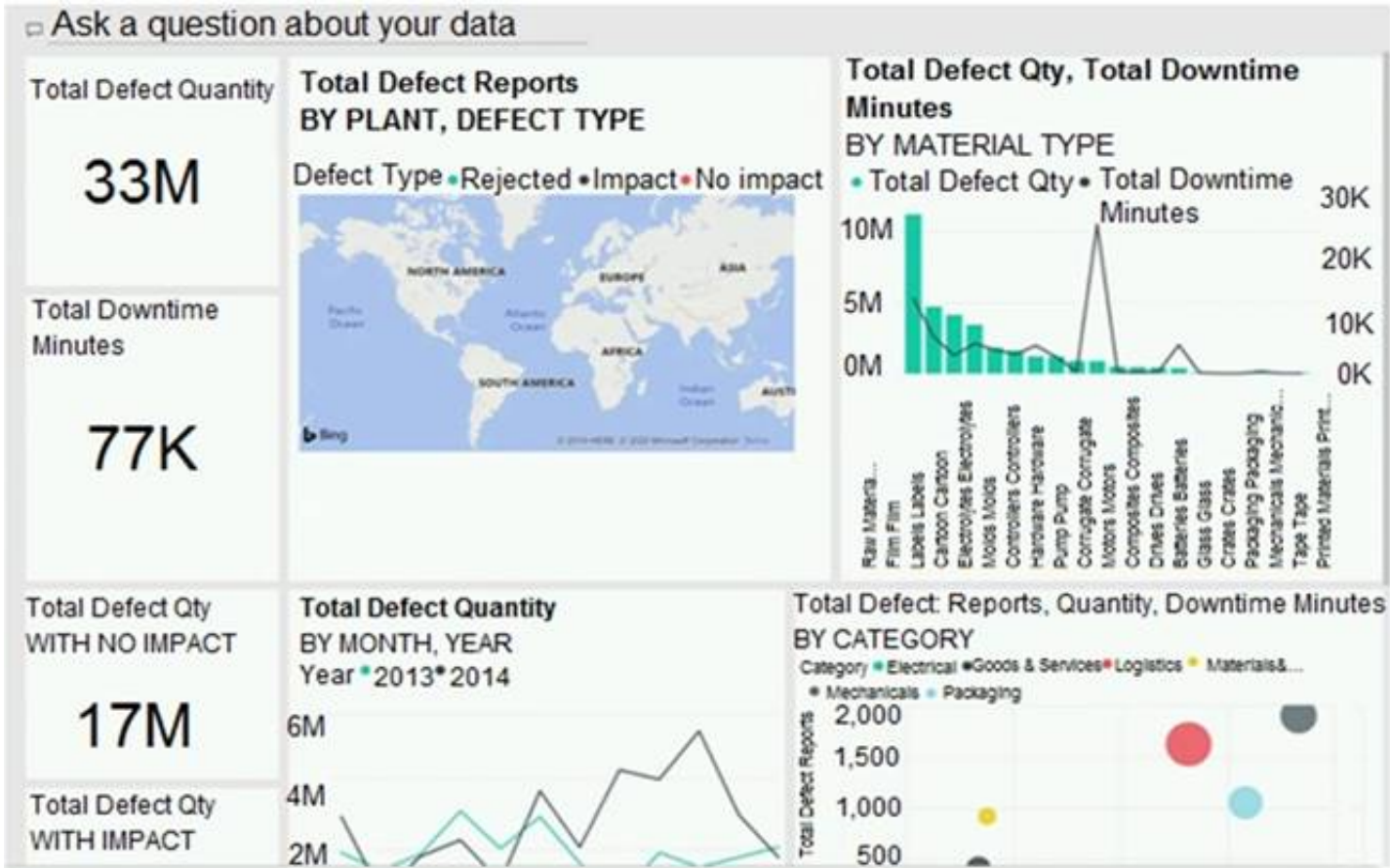
- (Topic 4)
You have a Power BI report that contains one page. The page contains two line charts and one bar chart.
You need to ensure that users can perform the following tasks for all three visuals:
? Switch the measures used in the visuals.
? Change the visualization type.
? Add a legend.
The solution must minimize development effort. What should you do?

- A. Enable personalization for each Visual.
- B. Create a bookmark for each acceptable combination of visualization type, measure, and legend in the bar chart
- C. Edit the interactions between the three visuals.
- D. Enable personalization for the report

Answer: C

NEW QUESTION 315

- (Topic 4)
You have a dashboard that contains tiles pinned from a single report as shown in the Original Dashboard exhibit. (Click the Original Dashboard tab.)



You need to modify the dashboard to appear as shown in the Modified Dashboard exhibit. (Click the Modified Dashboard tab.)



What should you do?

- A. Edit the details of each tile.
- B. Change the report theme.
- C. Change the dashboard theme.
- D. Create a custom CSS file.

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/power-bi/create-reports/service-dashboard-themes#how-dashboard-themes-work>

NEW QUESTION 318

DRAG DROP - (Topic 4)

You have a Power BI data model that contains two tables named Products and Sales. A one-to-many relationship exists between the tables.

You have a report that contains a report-level filter for Products.

You need to create a measure that will return the percent of total sales for each product. The measure must respect the report-level filter when calculating the total.

How should you complete the DAX measure? To answer drag the appropriate DAX functions to the correct targets- Each function may be used once, more than once, or not at all the spirit bar between panes or scroll to view content

NOTE: Each correct selection is worth one point

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

Function

Function

(SUM ('Sales'[Sales]),

RETURN

DIVIDE (ProductSales, AllSales)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DAX Function

ALL

ALLSELECTED

CALCULATE

FILTER

SELECTEDVALUE

Answer Area

Percent of Product Sales =

VAR ProductSales = SUM ('Sales'[Sales])

VAR AllSales =

CALCULATE (SUM ('Sales'[Sales]), FILTER ('Products'[Product]))

RETURN

DIVIDE (ProductSales, AllSales)

NEW QUESTION 323

DRAG DROP - (Topic 4)

You have a Power BI report that contains three pages. The pages are used to analyze sales across various countries. You add a sheer named Country to each page of the report.

You need to configure the report to meet the following requirements:

- When a user selects a country on the first page, the report must filter the other pages.
- The second and third pages must display only the filtered results.

Which task should you perform for each requirement? To answer, drag the appropriate task to the correct requirement. Each task may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.Ther

NOTE Each correct selection is worth one point.

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Tasks

Add the Country field to the filters on all the pages

Configure the Country slicer to sync across all the pages

Configure the Country slicer to sync only on the second and third pages

Hide the Country slicer on the second and third pages

Answer Area

When a user selects a country on the first page, the report must filter the other pages:

The second and third pages must display only the filtered results:

NEW QUESTION 327

- (Topic 4)

You have a prospective customer list that contains 1,500 rows of data. The list contains the following fields:

- ? First name
- ? Last name
- ? Email address
- ? State/Region
- ? Phone number

You import the list into Power Query Editor.

You need to ensure that the list contains records for each State/Region to which you want to target a marketing campaign.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Open the Advanced Editor.
- B. Select Column quality.
- C. Enable Column profiling based on entire dataset.
- D. Select Column distribution.
- E. Select Column profile.

Answer: CE

Explanation:

In Power query, the load preview by default is 1000 row. By default, the column quality also only looks at the first 1000 row. You can verify this by the status bar at the bottom of the Power query window. To change the profiling so it analyses the entire column of data, select the profiling status in the status bar. Then select Column profiling based on the entire data set.

<https://theexcelclub.com/data-profiling-views-in-power-query-excel-and-power-bi/>

NEW QUESTION 331

DRAG DROP - (Topic 4)

You plan to use Power BI to create a quarterly profit report that meets the following requirements:

- Emphasizes the percentage of total profits contributed by each product category in dollars and as a percentage
- Compares profit margins across sales regions

Which type of visual should you use for each requirement? To answer, drag the appropriate visuals to the correct requirements. Each visual may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Visuals

Area chart

Funnel chart

Multi-row card

Pie chart

Stacked bar chart

Answer Area

Emphasizes the percentage of total profits contributed by each product category:

Compares profit margins across sales regions:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Visuals

Area chart

Funnel chart

Multi-row card

Pie chart

Stacked bar chart

Answer Area

Emphasizes the percentage of total profits contributed by each product category:

Pie chart

Compares profit margins across sales regions:

Stacked bar chart

NEW QUESTION 336

FILL IN THE BLANK - (Topic 4)

You are creating a line chart in a Power BI report as shown in the following exhibit.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.



NOTE: Each correct selection is worth one point.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer as selected

Answer Area

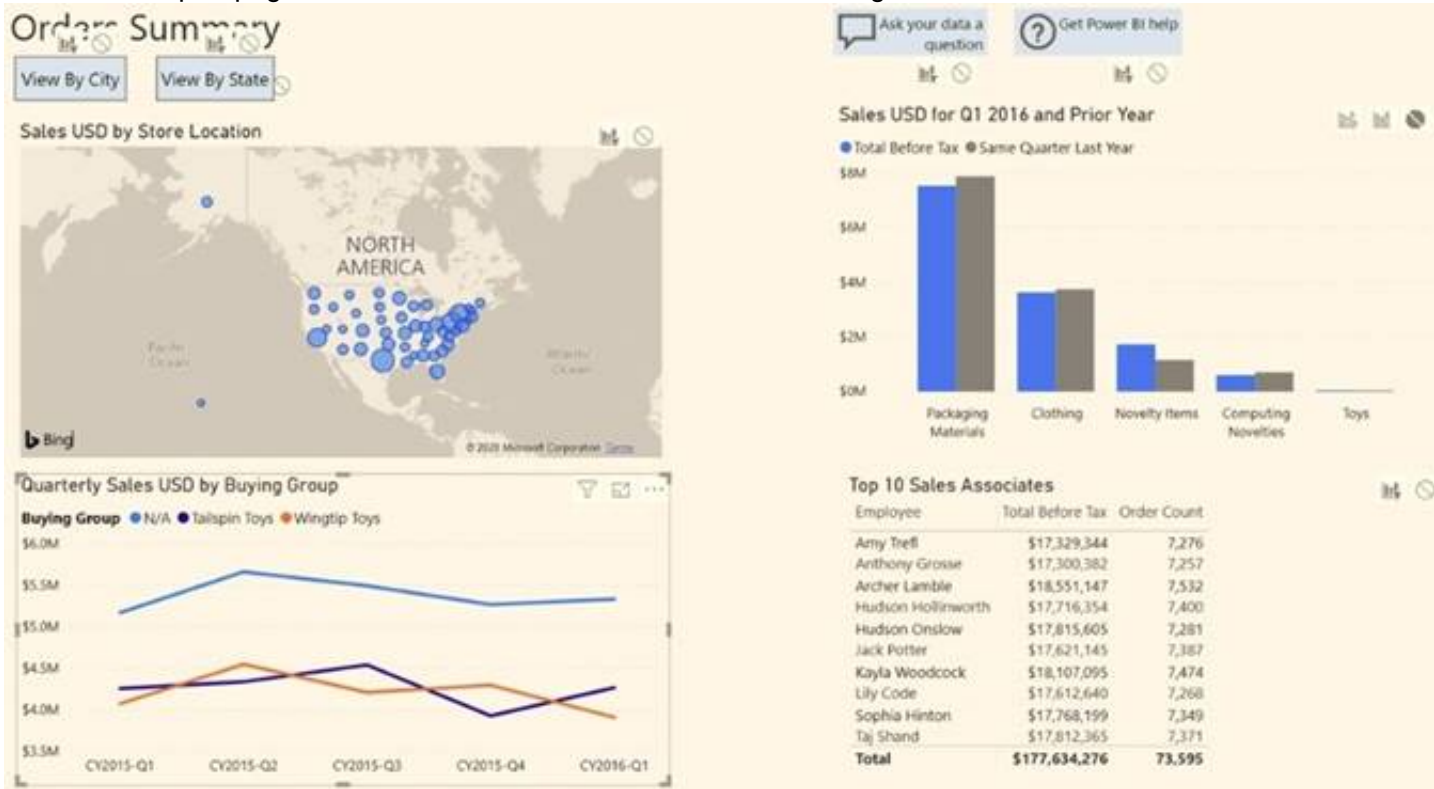
The dashed line representing the Year Average Employee Count was created by using [answer choice]. an average reference line

To enable users to drill down to weeks or days, add the Weeks and Days field to the [answer choice] bucket. Values

NEW QUESTION 337

HOTSPOT - (Topic 4)

You have a report page that contains the visuals shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each correct selection is worth one point.

Answer Area

Selecting a quarter on the line chart will [answer choice] the clustered column chart.

cross-filter
cross-highlight
not affect

Selecting a data point on the Tailspin Toys line on the line chart will [answer choice] the map.

cross-filter
cross-highlight
not affect

- A. Mastered
- B. Not Mastered

Answer: A

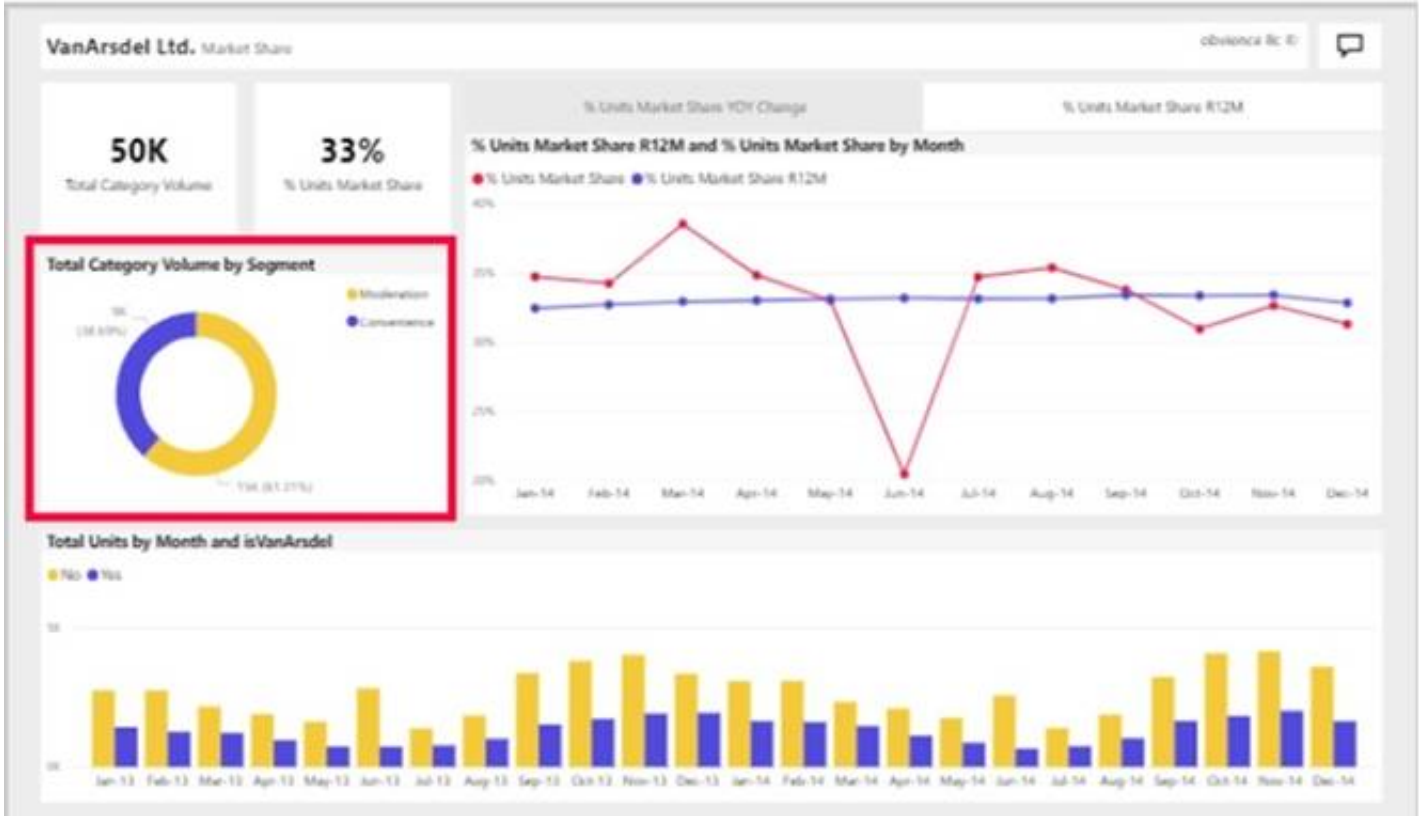
Explanation:

Box 1: cross-filter

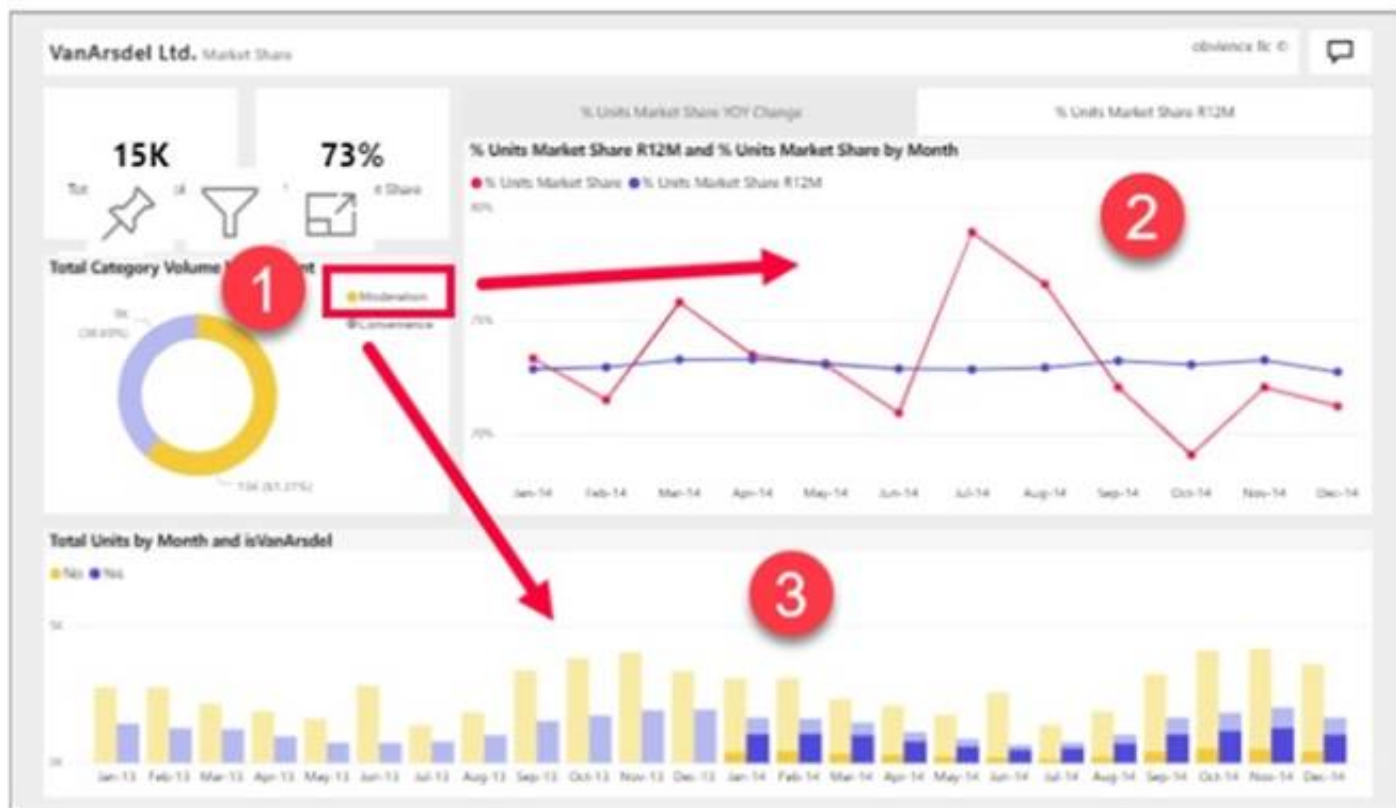
By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.

Box 2: cross-highlight Example:

By default, selecting a data point in one visual on a report page will cross-filter or cross-highlight the other visuals on the page.



* 1. Let's see what happens when we select Moderation.



* 2. Cross-filtering removes data that doesn't apply. Selecting Moderation in the doughnut chart cross-filters the line chart. The line chart now only displays data points for the Moderation segment.

* 3. Cross-highlighting retains all the original data points but dims the portion that does not apply to your selection. Selecting Moderation in the doughnut chart cross-highlights the column chart. The column chart dims all the data that applies to the Convenience segment and highlights all the data that applies to the Moderation segment.

NEW QUESTION 342

- (Topic 4)

You have sales data in a star schema that contains four tables named Sales, Customer, Date, and Product.

The Sales table contains purchase and ship dates.

Most often, you will use the purchase date to analyze the data, but you will analyze the data by both dates independently and together.

You need to design an imported dataset to support the analysis. The solution must minimize the model size and the number of queries against the data source.

Which data modeling design should you use?

- A. Use the Auto Date/Time functionality in Microsoft Power BI and do NOT import the Datetable.
- B. Duplicate the Date query in Power Query and use active relationships between both Date tables.
- C. On the Date table, use a reference query in Power Query and create active relationships between Sales and both Date tables in the modeling view.
- D. Create an active relationship between Sales and Date for the purchase date and an inactive relationship for the ship date.

Answer: D

Explanation:

Only one relationship can be active.

Note: If you query two or more tables at the same time, when the data is loaded, Power BI Desktop attempts to find and create relationships for you. The relationship options Cardinality, Cross filter direction, and Make this relationship active are automatically set.

Reference:

<https://docs.microsoft.com/en-us/power-bi/transform-model/desktop-create-and-manage-relationships>

NEW QUESTION 345

- (Topic 4)

What is the minimum number of Power BI datasets needed to support the reports?

- A. a single imported dataset
- B. two imported datasets
- C. two DirectQuery datasets
- D. a single DirectQuery dataset

Answer: A

NEW QUESTION 346

- (Topic 4)

You open a query in Power Query Editor.

You need to identify the percentage of empty values in each column as quickly as possible. Which Data Preview option should you select?

- A. Show whitespace
- B. Column profile
- C. Column distribution
- D. Column quality

Answer: D

Explanation:

Column quality: In this section, we can easily see valid, Error and Empty percentage of data values associated with the Selected table.

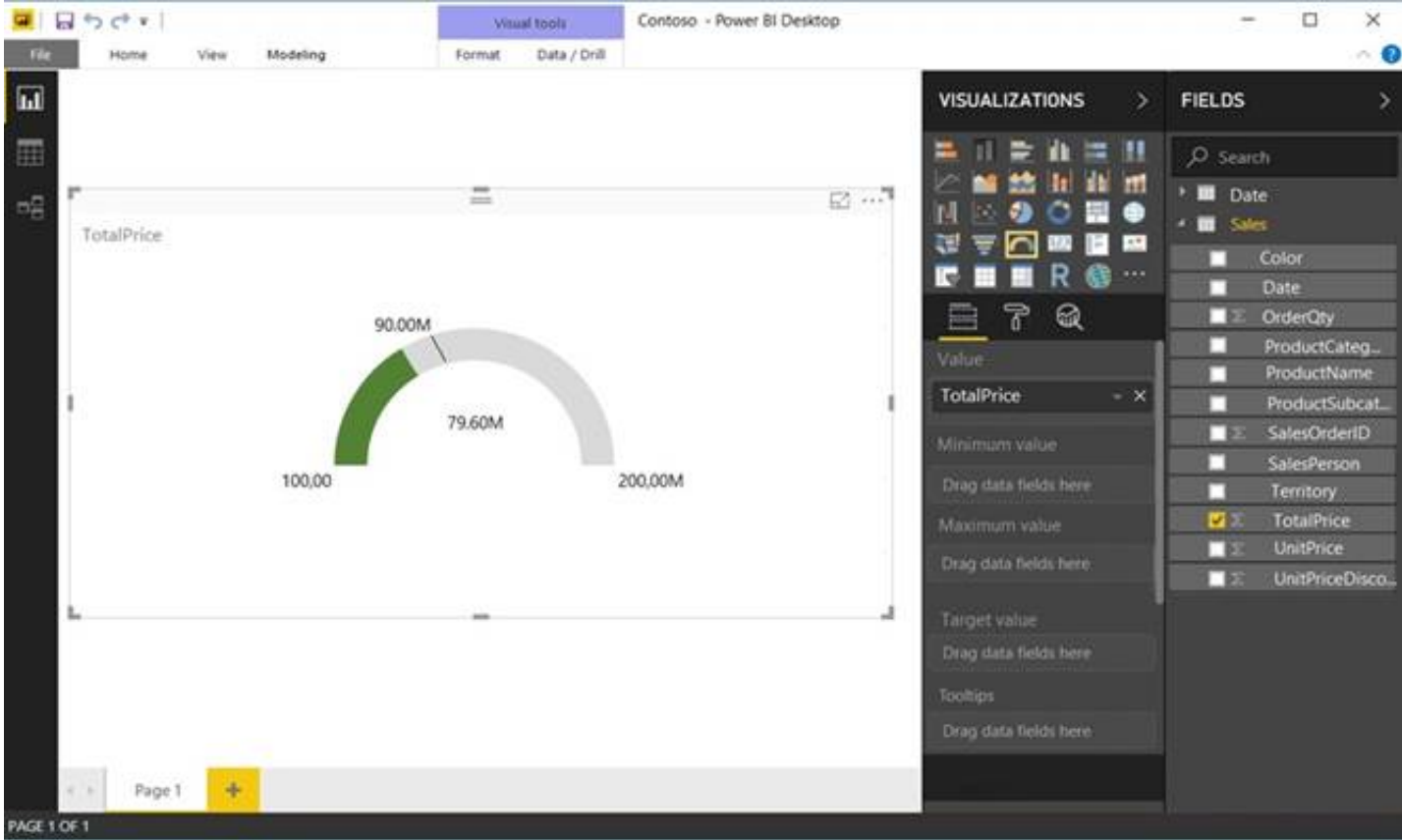
Note: In Power Query Editor, Under View tab in Data Preview Section we can see the following data profiling functionalities:

? Column quality

? Column distribution

? Column profile
Reference:
<https://community.powerbi.com/t5/Community-Blog/Data-Profiling-in-Power-BI-Power-BI-Update-April-2019/ba-p/674555>

NEW QUESTION 349
HOTSPOT - (Topic 4)
You have a report in Power BI Desktop as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
Note: Each correct selection is worth one point.

The goal is set by using [answer choice].

▼
a calculated measure
a DAX formula
the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

▼
the Tooltips field
the Values field
the Visual level filters field

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

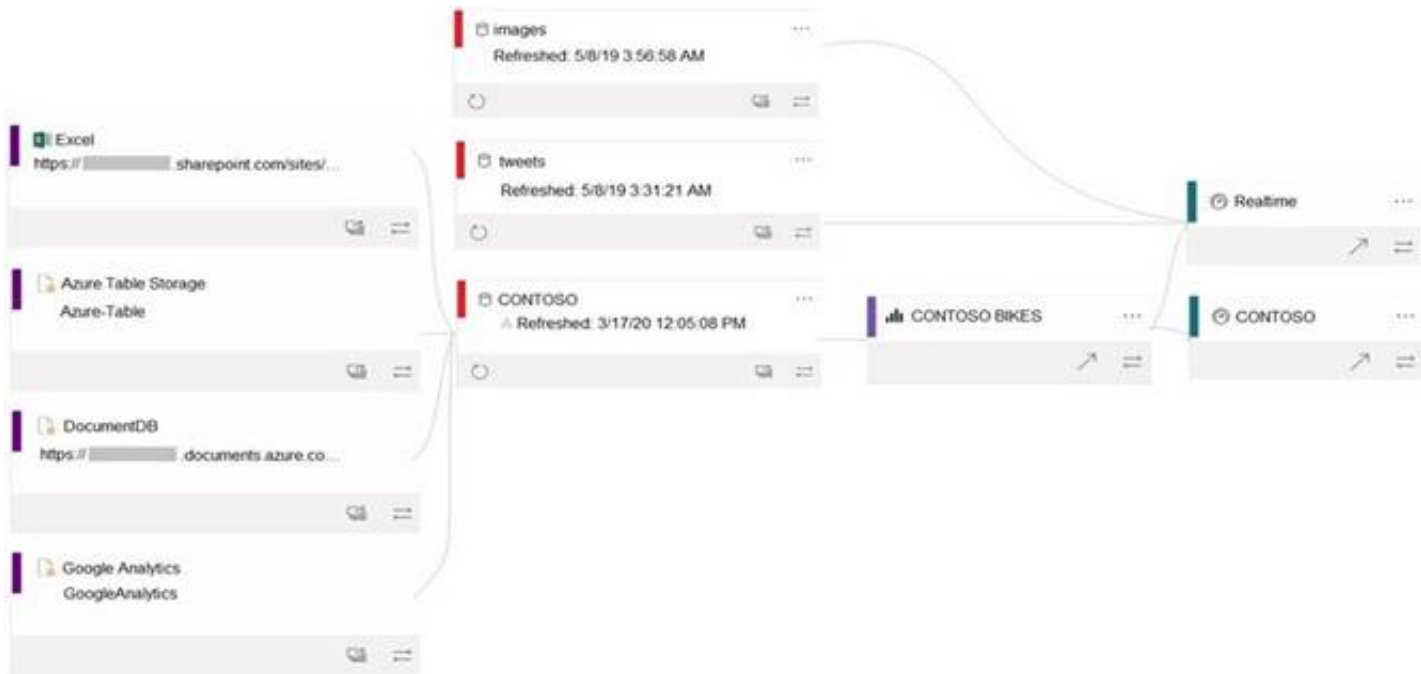
The goal is set by using [answer choice].

▼
a calculated measure
a DAX formula
the Format settings

To configure the visualization to display TotalPrice for the Territory of Canada always, you must add the Territory column to [answer choice].

▼
the Tooltips field
the Values field
the Visual level filters field

NEW QUESTION 353
HOTSPOT - (Topic 4)
You have the data lineage shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

The CONTOSO dataset is consumed directly by the

CONTOSO BIKES report

CONTOSO dashboard

Realtime dashboard

The Realtime dashboard depends on

one dataset

two datasets

three datasets

four datasets

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Box 1: CONTOSO BIKES report
Box 2: three datasets
Images, tweets and the Contoso datasets.

NEW QUESTION 355

- (Topic 4)
You have a Power BI report that contains the visuals shown in the following table.

Type	Horizontal coordinate	Vertical coordinate
Table	300	200
Clustered column chart	700	200
Slicer	20	100

You need to modify the location of each visual. What should you modify for each visual?

- A. the layer order
- B. the padding
- C. the position
- D. the tab order

Answer: C

NEW QUESTION 358

- (Topic 4)
You create a dataset sourced from dozens of flat files in Azure Blob storage. The dataset uses incremental refresh. From powerbi.com, you deploy the dataset and several related reports to Microsoft Power BI Premium capacity.
You discover that the dataset refresh fails after the refresh runs out of resources. What is a possible cause of the issue?

- A. Query folding is not occurring.
- B. You selected Only refresh complete periods.
- C. The data type of the column used to partition the data changed.
- D. A filter is missing on the report.

Answer: A

Explanation:

The Power BI service partitions data based on date range. This is what enables only certain partitions to be refreshed incrementally. To make this work, the partition filter conditions are pushed down to the source system by including them in the queries. Using Power Query terminology, this is called “query folding”. It is not recommended that incremental refresh is used when the required query folding cannot take place.

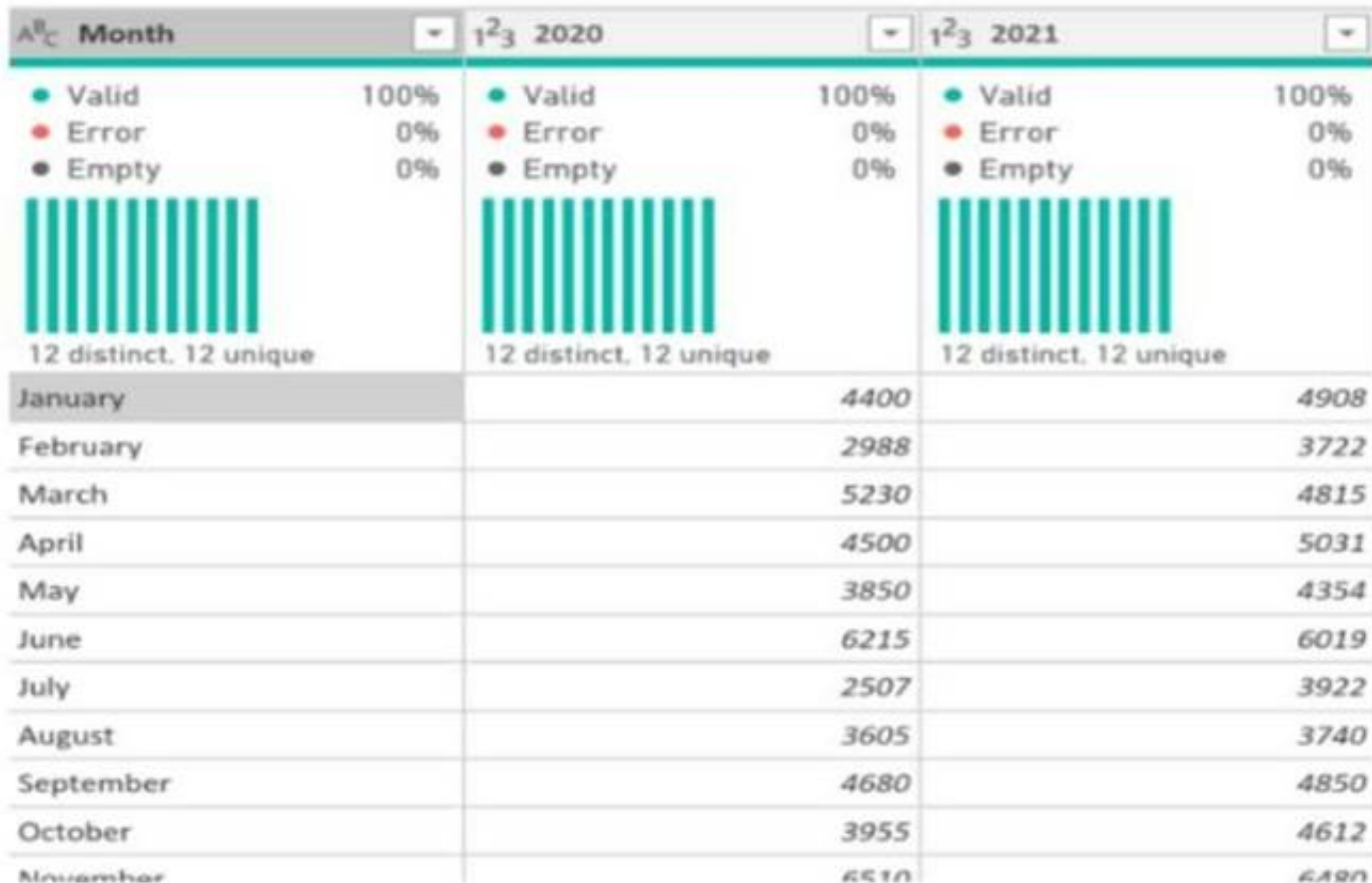
Reference:

<https://powerbi.microsoft.com/en-us/blog/incremental-refresh-query-folding/>

NEW QUESTION 360

- (Topic 4)

Remove unused columns from tables in the data model. This will reduce the size of your PBIX file and make your data model more efficient. You can use Power Query Editor to remove any columns that are not used in your report or calculations.



Month	2020	2021
January	4400	4908
February	2988	3722
March	5230	4815
April	4500	5031
May	3850	4354
June	6215	6019
July	2507	3922
August	3605	3740
September	4680	4850
October	3955	4612
November	4510	4490

You need to shape the query to display the following three columns:

- * Month
- * Sales
- * Year

What should you select in Power Query Editor?

- A. Pivot column
- B. Merge columns
- C. Unpivot columns.
- D. Transpose

Answer: C

Explanation:

This will convert your column headers (Jan-20, Feb-20,...) into row values under a new column called Attribute. You can then rename this column as Month and change its data type to Date. You will also have a new column called Value that contains the sales amounts for each month. You can rename this column as Sales and change its data type to Decimal Number.

NEW QUESTION 365

- (Topic 4)

You have a CSV file that contains user complaints. The file contains a column named Logged. Logged contains the date and time each complaint occurred. The data in Logged is in the following format: 2018-12-31 at 08:59.

You need to be able to analyze the complaints by the logged date and use a built-in date hierarchy.

What should you do?

- A. Apply a transformation to extract the last 11 characters of the Logged column and set the data type of the new column to Date.
- B. Change the data type of the Logged column to Date.
- C. Split the Logged column by using at as the delimiter.
- D. Apply a transformation to extract the first 11 characters of the Logged column.

Answer: C

Explanation:

Simply create a custom table in Power Query, enter the date shown in the question into a column called Date, and then Split it by a delimiter. No need for spaces on either side of "at" Power BI takes care of the rest:

= Table.SplitColumn("#Changed Type", "Date", Splitter.SplitTextByDelimiter("at", QuoteStyle.Csv), {"Date.1", "Date.2"})

It will even automatically change the type to Date:

= Table.TransformColumnTypes("#Split Column by Delimiter",{"Date.1", type date}, {"Date.2", type time})

NEW QUESTION 366

- (Topic 4)

Simon	101	100
Wenanta	102	100
Conrad	103	101
Priyish	104	103
Sunil	105	103
Pavel	106	102

Each employee has one manager as shown in the ParentEmployeeID column, All reporting paths lead to the CEO at the top of the organizational hierarchy. You need to create a calculated column that returns the count of levels from each employee to the CEO. Which DAX expression should you use?

- A. `PATHITEM(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1,INTEGER)`
- B. `PATHCONTAINS(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]),1)`
- C. `PATH(Employee[EmployeeID],Employee[ParentEmployeeID])`
- D. `PATHLENGTH(PATH(Employee[EmployeeID],Employee[ParentEmployeeID]))`

- A. Option A
B. Option B
C. option C
D. Option D

Answer: B

NEW QUESTION 368

DRAG DROP - (Topic 4)

You have a Power BI workspace that contains a single-page report named Sales. You need to add all the visuals from Sales to a dashboard. The solution must ensure that additional visuals added to the page are added automatically to the dashboard. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Pin the page.

Open the Sales report.

Open Power BI Desktop.

Pin each visual.

Open powerbi.com.

Create a new report.

Answer Area

>

<

<

>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Open powerbi.com
Select sales report
Pin the page

NEW QUESTION 370

- (Topic 4)

In the Power BI service, you create an app workplace that contains several dashboards. You need to provide a user named user1@contoso.com with the ability to edit and publish dashboards. What should you do?

- A. Modify the members of the app workspace.
B. Configure security for the dataset used by the app.
C. Share the dashboard, and then modify the Access settings of the dashboard.
D. From the app workspace, click Update app, and then configure the Access settings.

Answer: C

NEW QUESTION 375

- (Topic 4)

You have a collection of reports for the HR department of your company. The datasets use row-level security (RLS). The company has multiple sales regions that each has an HR manager. You need to ensure that the HR managers can interact with the data from their region only. The HR managers must be prevented from changing the layout of the reports. How should you provision access to the reports for the HR managers?

- A. Create a new workspace, copy the datasets and reports, and add the HR managers as members of the workspace.
B. Publish the reports to a different workspace other than the one hosting the datasets.

- C. Publish the reports in an app and grant the HR managers access permission.
- D. Add the HR managers as members of the existing workspace that hosts the reports and the datasets.

Answer: C

Explanation:

Note: Row-level security (RLS) with Power BI can be used to restrict data access for given users. Filters restrict data access at the row level, and you can define filters within roles. In the Power BI service, members of a workspace have access to datasets in the workspace. RLS doesn't restrict this data access.

Reference:

<https://docs.microsoft.com/en-us/power-bi/admin/service-admin-rls>

NEW QUESTION 378

HOTSPOT - (Topic 4)

You are building a financial report by using Power BI.

You have a table named financials that contains a column named Date and a column named Sales.

You need to create a measure that calculates the relative change in sales as compared to the previous quarter.

How should you complete the measure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
Sales QoQ% =  
  
IF (  
  
    ISFILTERED('financials' [Date]),  
    ERROR("Uh oh."),  
    VAR PREV_QUARTER =  
        CALCULATE  
        CALCULATETABLE  
        DATEADD  
        DIVIDE  
        FILTER  
        FIND  
        SUM('financials' [Sales]),  
        ('financials' [Date].[Date], -1, QUARTER)  
    )  
    RETURN  
        (SUM('financials' [Sales]) - PREV_QUARTER, PREV_QUARTER)  
    )
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: CALCULATE

Box 2: DATEADD

Box 3: DIVIDE

Example: NET_SALES QoQ% = IF(

ISFILTERED('Calendar'[Date]),

ERROR("Time intelligence quick measures can only be grouped or filtered by the Power BI-provided date hierarchy or primary date column."),

VAR PREV_QUARTER = CALCULATE(

SUM('research_ra_qtr_template'[NET_SALES]), DATEADD('Calendar'[Date].[Date], -1, QUARTER)

) RETURN DIVIDE(

SUM('research_ra_qtr_template'[NET_SALES]) - PREV_QUARTER,

PREV_QUARTER

)

)

NEW QUESTION 381

- (Topic 4)

You have the dataset shown in the following exhibit.

City	Sales Profit
Abbotsburg	\$173,947
Absecon	\$129,358
Accomac	\$157,768
Aceitunas	\$119,283
Airport Drive	\$162,500
Akhiok	\$259,554
Alcester	\$127,040
Alden Bridge	\$152,138
Alstead	\$106,147
Amado	\$136,718
Amanda Park	\$117,444
Andrix	\$130,710
Annamoriah	\$139,499
Antares	\$147,562
Antonio	\$113,056
Total	\$85,729,181

You need to ensure that the visual shows only the 10 cities that have the highest sales profit. What should you do?

- A. Add a Top N filter to the visual.
- B. Configure the Sales Profit measure to use the RANKX function.
- C. Add a calculated column to the table that uses the TOPN function.
- D. In the visual, replace Sales Profit with the calculated column.
- E. Add a calculated column to the table that returns the city name if the city is in the top 10, otherwise the calculated column will return "Not in Top 10". In the visual, replace Sales Profit with the calculated column.

Answer: A

Explanation:

Power BI Top N Filters are useful to display the top performing records, and Bottom N filters are helpful to display the least performing records. For example, we can display top or bottom 10 products by orders or sales.

Note:

? Select the Column you want to display the Top Sales Profit

? Then change the Filter Type of that Column to Top N

? Fill in Top / Bottom number field

? And lastly drag to the By Value field your Sales Profit

Reference:

<https://www.tutorialgateway.org/power-bi-top-10-filters/>

NEW QUESTION 385

- (Topic 4)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this scenario, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a clustered bar chart that contains a measure named Salary as the value and a field named Employee as the axis. Salary is present in the data as numerical amount representing US dollars.

You need to create a reference line to show which employees are above the median salary.

Solution: You create a percentile line by using the Salary measure and set the percentile to 50%.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The 50th percentile is also known as the median or middle value where 50 percent of observations fall below.

Reference:

https://dash-intel.com/powerbi/statistical_functions_percentile.php

NEW QUESTION 389

HOTSPOT - (Topic 4)

You have an API that returns more than 100 columns. The following is a sample of column names.

? client_notified_timestamp

? client_notified_source

? client_notified_sourceid

? client_notified_value

? client_responded_timestamp

? client_responded_source

? client_responded_sourceid

? client_responded_value

You plan to include only a subset of the returned columns.

You need to remove any columns that have a suffix of sourceid.

How should you complete the Power Query M code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
let
    Source = ...,
    rawData = Source{[tableId= "clientData"]}[Data],
    removeSources = 

▼ (rawData,



Table.CombineColumn



Table.FindText



Table.FromList



Table.RemoveColumns



▼ (Table.ColumnNames (rawData),



List.Contains



List.Select



Table.FindText



Table.FromList



each 

▼ (_, "sourceid"))



Text.Contains



Text.EndsWith



Text.From



Text.StartsWith


in
    removeSources


```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Table.RemoveColumns

When you do "Remove Columns" Power Query uses the Table.RemoveColumns function

Box 2: List.Select Get a list of columns.

Box 3: Text.EndsWith

NEW QUESTION 391

- (Topic 4)

You create the following step by using Power Query Editor.

```
=
Table.ReplaceValue(SalesLT_Address,"1318","1319",Replacer.ReplaceText,{"AddressLine 1"})
```

A row has a value of 21318 Lasalle Street in the AddressLine1 column. What will the value be when the step is applied?

- A. 1318
- B. 1319
- C. 21318 Lasalle Street
- D. 21319 Lasalle Street

Answer: D

Explanation:

Example:

Replace the text "ur" with the text "or" in the table.

```

Table.ReplaceValue(
    Table.FromRecords({
        [a = 1, b = "hello"],
        [a = 3, b = "wurld"]
    }),
    "ur",
    "or",
    Replacer.ReplaceText,
    {"b"}
)
    
```

a	b
1	hello
3	world

Reference:
<https://docs.microsoft.com/en-us/powerquery-m/table-replacevalue>

NEW QUESTION 392

- (Topic 4)
 You have a Power BI app named App1. The privacy for the App1 workspace is set to Private.
 A user named User1 reports that App1 does not appear in the My organization AppSource. App1 appears in the My organization AppSource for your account.
 You need to ensure that User sees App1 from the My organization AppSource. What should you do?

- A. From the app workspace, click Update app, configure the Content settings, and then click Update app.
- B. From the app workspace settings, add a member.
- C. From the app workspace, click Update app, configure the Access setting, and then click Update app.
- D. From the app workspace, share the dashboard.

Answer: C

Explanation:
 References: <https://docs.microsoft.com/en-us/power-bi/service-organizational-content-pack-introduction#what-is-appsource>

NEW QUESTION 396

DRAG DROP - (Topic 4)
 You have a Power BI table named Customer that contains a field named Email Address. You discover that multiple records contain the same email address.
 You need to create a calculated column to identify which records have duplicate email addresses.
 How should you complete the OAX expression for the calculated column? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content
 NOTE: Each correct selection is worth one point.

Values

ALL

CALCULATE

COUNTROWS

EVALUATE

SUM

SUMX

Answer Area

Count Email =

VAR Email = [Email Address]

RETURN

(Customer),

(Customer),

Customer[Email Address] = Email

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 You are to count the number of rows having same email address.
 * 1. Declare a variable and call it any name you prefer
 * 2. Calculate the row count on the table
 * 3. Apply filter to ALL of the values in the table under the column name email address and equate it to the variable.
 You may need to read up filter functions for a proper understanding of how it works.

NEW QUESTION 398

- (Topic 4)
 You have a Power BI workspace named Workspace1 that contains a dataset named DS1 and a report named RPT1.
 A user wants to create a report by using the data In DS1 and publish the report to another workspace.
 You need to provide the user with the appropriate access. The solution must minimize the number of access permissions granted to the user.
 What should you do?

- A. Share RPT1 with the user.
- B. Add the user as a Viewer of Workspace1.
- C. Add the user as a member of Workspace1.
- D. Grant the Build permission for DS1 to the user.

Answer: D

Explanation:

Microsoft says: To copy a report to another workspace, and to create a report in another workspace based on a dataset in the current workspace, you need Build permission for the dataset. For datasets in the original workspace, if you have at least the Contributor role, you automatically have Build permission through your workspace role. <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-roles-new-workspaces>

NEW QUESTION 403

DRAG DROP - (Topic 4)

You have the Power BI data model shown in the following exhibit.

The screenshot shows a Power BI data model with two tables: 'Country' and 'Sales'. The 'Country' table has columns: Country, Email, Manager. The 'Sales' table has columns: Sales. A 'Table Filter DAX Expression' pane shows filters: [Country] = 'USA', [Email] = userprincipalname(), [Manager] = 'CFO', False(), True(). An 'Answer Area' pane shows a table with columns: Human Resources, Country, and DAX Expression.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The screenshot shows a Power BI data model with two tables: 'Country' and 'Sales'. The 'Country' table has columns: Country, Email, Manager. The 'Sales' table has columns: Sales. A 'Table Filter DAX Expression' pane shows filters: [Country] = 'USA', [Email] = userprincipalname(), [Manager] = 'CFO', False(), True(). An 'Answer Area' pane shows a table with columns: Human Resources, Country, and DAX Expression.

NEW QUESTION 407

- (Topic 4)

You are building a Power BI report that uses data from an Azure SQL database named erp1.

You Import the following tables.

Name	Description
Products	Contains the product catalog
Orders	Contains high-level information about orders
Order Line Items	Contains the product ID, quantity, and price details of an order

You need to perform the following analyses:

- Orders sold over time that include a measure of the total order value
- Orders by attributes of products sold

The solution must minimize update times when interacting with visuals in the report. What should you do first?

- A. From Power Query, merge the Orders query and the Order Line Hems query.
- B. Calculate the count of orders per product by using a DAX function.
- C. Create a calculated column that adds a list of product categories to the Orders table by using a DAX function.
- D. From Power Query, merge the Order Line Items query and the Products query.

Answer: D

Explanation:

<https://www.sqlbi.com/articles/header-detail-vs-star-schema-models-in-tabular-and-power-bi/>

NEW QUESTION 410

- (Topic 4)

You have a Microsoft SharePoint Online site that contains several document libraries.

One of the document libraries contains manufactunng reports saved as Microsoft Excel files. All the manufacturing reports have the same data structure.

You need to use Power BI Desktop to load only the manufacturing reports to a table for analysis.

What should you do?

- A. Get data from a SharePoint folder, enter the site URL and then select Combine & Load
- B. Get data from a SharePoint list and enter the site URL Select Combine & Transform, then filter by the folder path to the manufacturing reports library.
- C. Get data from a SharePoint list enter the site URL and then select Combine & Load
- D. Get data from a SharePoint folder and enter the site UR
- E. Select Transform, then filter by the folder path to the manufacturing reports library,

Answer: A

NEW QUESTION 415

.....

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