Microsoft

Exam Questions AI-102

Designing and Implementing an Azure AI Solution

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NEW QUESTION 1
DRAG DROP - (Topic 3)
Match the Azure services to the appropriate locations in the architecture.
To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.
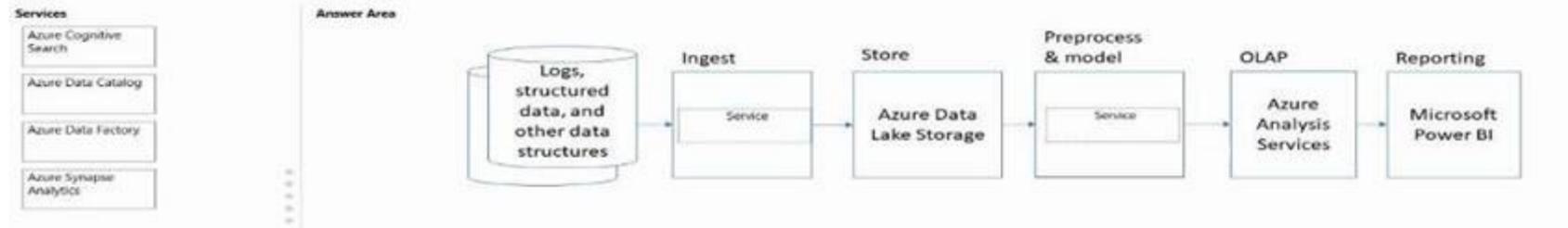
A. Mastered
B. Not Mastered

Answer: A

Explanation:
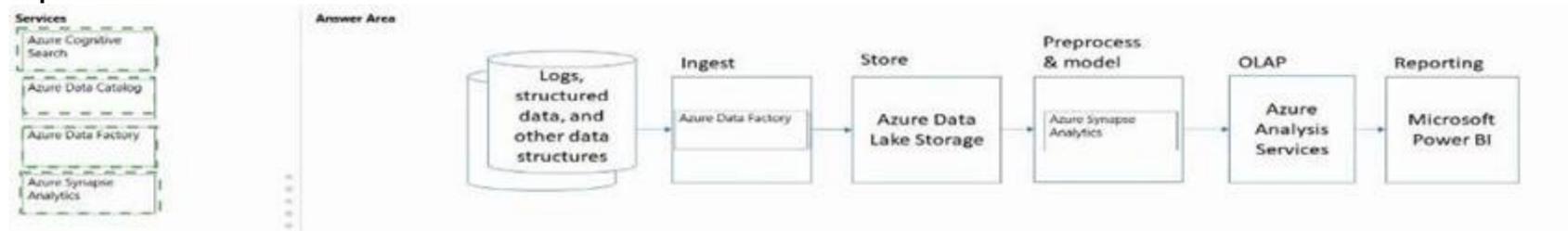
NEW QUESTION 2
HOTSPOT - (Topic 3)
You are building content for a video training solution.
You need to create narration to accompany the video content. The solution must use Custom Neural Voice.
What should you use to create a custom neural voice, and which service should you use to generate the narration? To answer, select the appropriate options in the answer area.
NOTE: Each correct answer is worth one point.
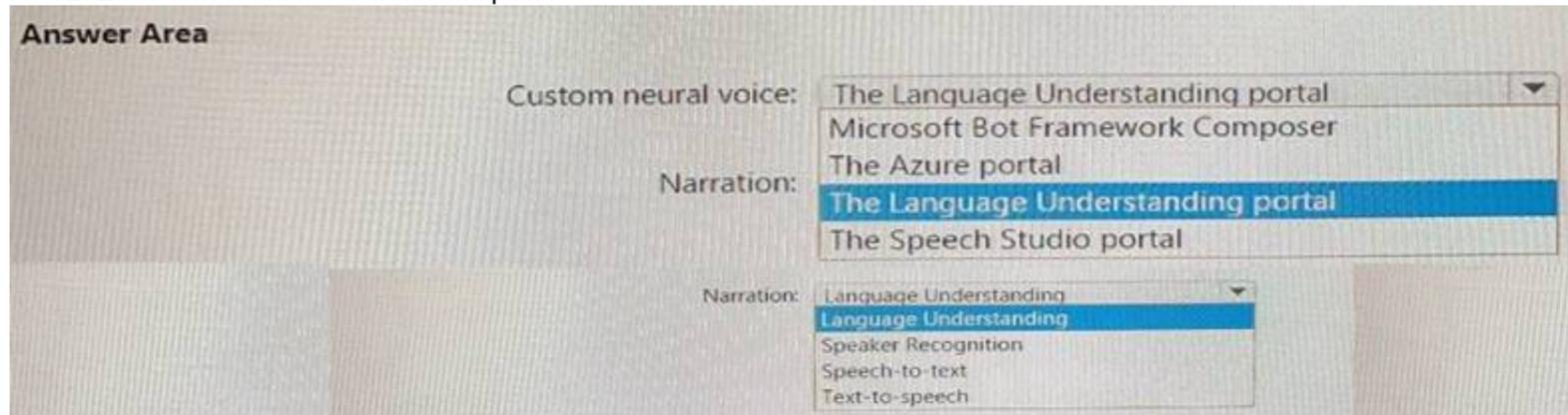
A. Mastered
B. Not Mastered

Answer: A

Explanation:
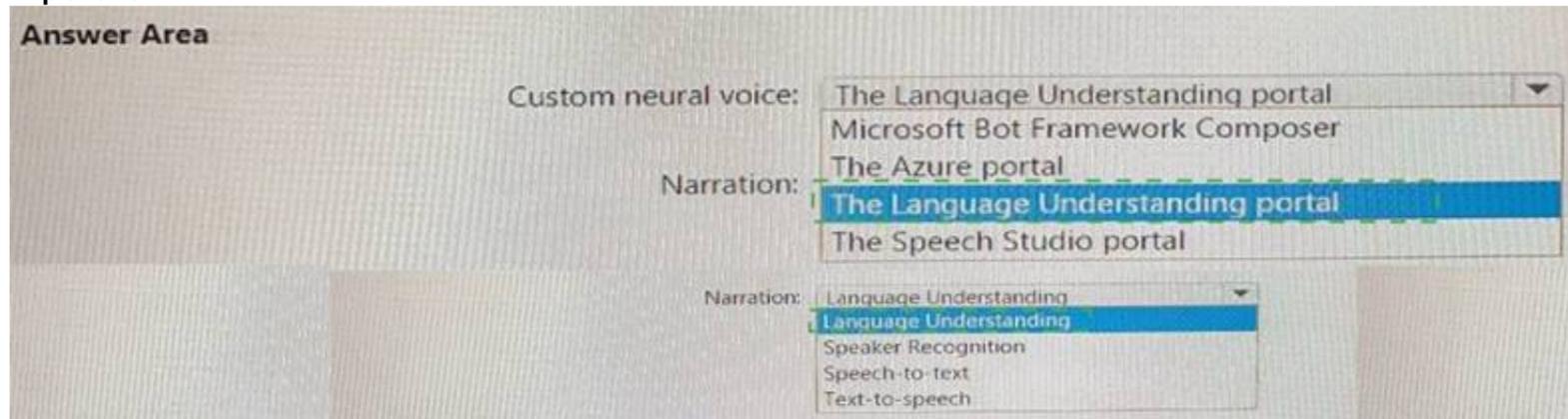
NEW QUESTION 3
- (Topic 3)
You have an Azure subscription. The subscription contains an Azure OpenAI resource that hosts a GPT-4 model named Modell and an app named Appl. App1 uses Model!
You need to ensure that App1 will NOT return answers that include hate speech. What should you configure for Model1?

A. the Frequency penalty parameter
B. abuse monitoring
C. a content filter
D. the Temperature parameter

Answer: B

NEW QUESTION 4
- (Topic 3)
You use the Microsoft Bot Framework Composer to build a chatbot that enables users to purchase items.
You need to ensure that the users can cancel in-progress transactions. The solution must minimize development effort.
What should you add to the bot?

A. a language generator
B. a custom event
C. a dialog trigger
D. a conversation activity

Answer: D

NEW QUESTION 5
- (Topic 3)
You have an Azure subscription. The subscription contains an Azure OpenAI resource that hosts a GPT-3.5 Turbo model named Model1.
You configure Model1 to use the following system message: "You are an AI assistant that helps people solve mathematical puzzles. Explain your answers as if the request is by a 4- year-old."
Which type of prompt engineering technique is this an example of?

A. few-shot learning
B. affordance
C. chain of thought
D. priming

Answer: D

NEW QUESTION 6
HOTSPOT - (Topic 3)
You have an Azure Cognitive Search resource named Search 1 that is used by multiple apps You need to secure Search 1. The solution must meet the following requirements:
• Prevent access to Search1 from the internet.
• Limit the access of each app to specific queries
What should you do? To answer, select the appropriate options in the answer area NOTE Each correct answer is worth one point.

Answer Area

To prevent access from the internet: | Create a private endpoint. ▼ |
Configure an IP firewall.
Create a private endpoint.
Use Azure roles.

To limit access to queries: | Use Azure roles. ▼ |
Create a private endpoint.
Use Azure roles.
Use key authentication.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

To prevent access from the internet: | Create a private endpoint. ▼ |
Configure an IP firewall.
Create a private endpoint.
Use Azure roles.

To limit access to queries: | Use Azure roles. ▼ |
Create a private endpoint.
Use Azure roles.
Use key authentication.

NEW QUESTION 7
- (Topic 3)
You are building a chatbot for a travel agent. The chatbot will use the Azure OpenAI GPT 3.5 model and will be used to make travel reservations.

You need to maximize the accuracy of the responses from the chatbot. What should you do?

A. Configure the model to include data from the travel agent's database.
B. Set the Top P parameter for the model to 0.
C. Set the Temperature parameter for the model to 0.
D. Modify the system message used by the model to specify that the answers must be accurate.

Answer: A

NEW QUESTION 8
- (Topic 3)
Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance. Which Azure service should you use?

A. SQL Server on Azure Virtual Machines
B. Azure SOL Database
C. Azure HDInsight
D. Azure Cosmos DB

Answer: B

NEW QUESTION 9
DRAG DROP - (Topic 3)
You have an app that manages feedback.
You need to ensure that the app can detect negative comments by using the Sentiment Analysis API in Azure Cognitive Service for Language. The solution must ensure that the managed feedback remains on your company's internal network.
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
? Provision the Language service resource in Azure.
? Deploy a Docker container to an on-premises server.
? Run the container and query the prediction endpoint.
? According to the Microsoft documentation, the Language service is a cloud-based service that provides various natural language processing features, such as sentiment analysis, key phrase extraction, named entity recognition, etc. You can provision the Language service resource in Azure by following the steps in Create a Language resource. You will need to provide a name, a subscription, a resource group, a region, and a pricing tier for your resource. You will also get a key and an endpoint for your resource, which you will use to authenticate your requests to the Language service API.
? According to the Microsoft documentation, you can also use the Language service as a container on your own premises or in another cloud. This option gives you more control over your data and network, and allows you to use the Language service without an internet connection. You can deploy a Docker container to an on-premises server by following the steps in Deploy Language containers. You will need to have Docker installed on your server, pull the container image from the Microsoft Container Registry, and run the container with the appropriate parameters. You will also need to activate your container with your key and endpoint from your Azure resource.
? According to the Microsoft documentation, once you have deployed and activated your container, you can run it and query the prediction endpoint to get sentiment analysis results. The prediction endpoint is a local URL that follows this format: http://<container IP address>:<port>/text/analytics/v3.1-preview.4/sentiment. You can send HTTP POST requests to this endpoint with your text input in JSON format, and receive JSON responses with sentiment labels and scores for each document and sentence in your input.

NEW QUESTION 10
DRAG DROP - (Topic 3)
You plan to build a chatbot to support task tracking.
You create a Language Understanding service named lu1.
You need to build a Language Understanding model to integrate into the chatbot. The solution must minimize development time to build the model.
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. (Choose four.)

Actions   **Answer Area**

| Train the application. |
| Publish the application. |
| Add a new application. |
| Add example utterances. |
| Add the prebuilt domain ToDo. |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. Add a new application
* 2. Add a prebuilt domain intent ToDo (it has already utterances so we can skip this step)
* 3. Train
* 4. Publish

NEW QUESTION 10
- (Topic 3)
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 build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.
A conversational expert provides you with the following list of phrases to use for training.
Find contacts in London. Who do I know in Seattle? Search for contacts in Ukraine.
You need to implement the phrase list in Language Understanding. Solution: You create a new intent for location.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-intent

NEW QUESTION 15
HOTSPOT - (Topic 3)
You are developing an application that includes language translation.
The application will translate text retrieved by using a function named getTextToBeTranslated. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.
You need to develop code to translate the text to a single language.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
. . .
var endpoint =    [▼]                                                          ;
              &quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
              &quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
              &quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
              &quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
              &quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

var apiKey = "FF956C68B83B21B38691ABD200A4C606";
var text = getTextToBeTranslated();
var body = '[{"Text":"' + text + '"}]';
var client = new HttpClient();
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);

                 [▼]
var uri = endpoint + &quot;?from=en&quot;;
var uri = endpoint + &quot;?suggestedFrom=en&quot;;
var uri = endpoint + &quot;?to=en&quot;;

HttpResponseMessage response;
var content = new StringContent(body, Encoding.UTF8, "application/json");
var response = await client.PutAsync(uri, content);
. . .
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
. . .
var endpoint =    [▼]                                                          ;
              &quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
              &quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
              &quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
              &quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
              &quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

var apiKey = "FF956C68B83B21B38691ABD200A4C606";
var text = getTextToBeTranslated();
var body = '[{"Text":"' + text + '"}]';
var client = new HttpClient();
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);

                 [▼]
var uri = endpoint + &quot;?from=en&quot;;
var uri = endpoint + &quot;?suggestedFrom=en&quot;;
var uri = endpoint + &quot;?to=en&quot;;

HttpResponseMessage response;
var content = new StringContent(body, Encoding.UTF8, "application/json");
var response = await client.PutAsync(uri, content);
. . .
```

NEW QUESTION 16
HOTSPOT - (Topic 3)
You are developing a text processing solution. You have the function shown below.

```
static void GetKeyWords(TextAnalyticsClient textAnalyticsClient, string text)
{
    var response = textAnalyticsClient.RecognizeEntities (text);
    Console.WriteLine("Key words:");

    foreach (CategorizedEntity entity in response.Value)
    {
        Console.WriteLine($"\t{entity.Text}");
    }
}
```

For the second argument, you call the function and specify the following string. Our tour of Paris included a visit to the Eiffel Tower.
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 output will include the following words: our and included.	○	○
The output will include the following words: Paris, Eiffel, and Tower.	○	○
The function will output all the key phrases from the input string to the console.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	⊙	○
The output will include the following words: Paris, Eiffel, and Tower.	○	⊙
The function will output all the key phrases from the input string to the console.	○	⊙

NEW QUESTION 17
- (Topic 3)
You have a factory that produces food products.
You need to build a monitoring solution for staff compliance with personal protective
equipment (PPE) requirements. The solution must meet the following requirements:
• identify staff who have removed masks or safety glasses.
• Perform a compliance check every 15 minutes.
• Minimize development effort.
• Minimize costs.
Which service should you use?

A. Face
B. Computer Vision
C. Azure Video Analyzer for Media (formerly Video indexer)

Answer: A

NEW QUESTION 21
- (Topic 3)
You are building a chatbot by using Microsoft Bot Framework Composer.
You need to configure the chatbot to present a list of available options. The solution must ensure that an image is provided for each option.
Which two features should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. an Azure function
B. an adaptive card
C. an entity
D. a dialog
E. an utterance

Answer: BD

NEW QUESTION 23
HOTSPOT - (Topic 3)
You have a bot that was built by using the Microsoft Bot Framework composer as shown in the following exhibit.

Use the drop-down menus 10 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:

NEW QUESTION 26
- (Topic 3)
You have an Azure subscription that contains a Language service resource named ta1 and a virtual network named vnet1. You need to ensure that only resources in vnet1 can access ta1. What should you configure?

A. a network security group (NSG) for vnet1
B. Azure Firewall for vnet1
C. the virtual network settings for ta 1
D. a Language service container for ta1

Answer: C

NEW QUESTION 30
- (Topic 3)
You are developing a monitoring system that will analyze engine sensor data, such as rotation speed, angle, temperature, and pressure. The system must generate an alert in response to atypical values.
What should you include in the solution?

A. Application Insights in Azure Monitor
B. metric alerts in Azure Monitor
C. Multivariate Anomaly Detection
D. Univariate Anomaly Detection

Answer: C

NEW QUESTION 34
- (Topic 3)
You deploy a web app that is used as a management portal for indexing in Azure Cognitive Search. The app is configured to use the primary admin key.
During a security review, you discover unauthorized changes to the search index. You suspect that the primary access key is compromised.
You need to prevent unauthorized access to the index management endpoint. The solution must minimize downtime.
What should you do next?

A. Regenerate the primary admin key, change the app to use the secondary admin key, and then regenerate the secondary admin key.
B. Change the app to use a query key, and then regenerate the primary admin key and the secondary admin key.
C. Regenerate the secondary admin key, change the app to use the secondary admin key, and then regenerate the primary key.
D. Add a new query key, change the app to use the new query key, and then delete all the unused query keys.

Answer: C

NEW QUESTION 37
- (Topic 3)
You are building an app that will include one million scanned magazine articles. Each article will be stored as an image file. You need to configure the app to extract text from the images. The solution must minimize development effort. What should you include in the solution?

A. Computer Vision Image Analysis
B. the Read API in Computer Vision
C. Form Recognizer
D. Azure Cognitive Service for Language

Answer: B

NEW QUESTION 40
- (Topic 3)
You are developing a new sales system that will process the video and text from a public- facing website.
You plan to notify users that their data has been processed by the sales system. Which responsible AI principle does this help meet?

A. transparency
B. fairness
C. inclusiveness
D. reliability and safety

Answer: D

Explanation:
 "When an AI application relies on personal data, such as a facial recognition system that takes images of people to recognize them; you should make it clear to the user how their data is used and retained, and who has access to it." from: https://docs.microsoft.com/en-us/learn/paths/prepare-for-ai-engineering/

NEW QUESTION 41
- (Topic 3)
You need to store event log data that is semi-structured and received as the logs occur. What should you use?

A. Azure Table storage
B. Azure Queue storage
C. Azure Files

Answer: A

NEW QUESTION 46
HOTSPOT - (Topic 3)
You are developing a text processing solution. You have the function shown below.

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	○	○
The output will include the following words: Paris, Eiffel, and Tower.	○	○
The function will output all the key phrases from the input string to the console.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	⦿	○
The output will include the following words: Paris, Eiffel, and Tower.	○	○
The function will output all the key phrases from the input string to the console.	○	○

NEW QUESTION 48
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A JSON document is an example of

graph data.
relational data.
semi-structured data.
unstructured data.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A JSON document is an example of

graph data.
relational data.
semi-structured data.
unstructured data.

NEW QUESTION 50
- (Topic 3)
You are building a Language Understanding model for an e-commerce platform. You need to construct an entity to capture billing addresses.
Which entity type should you use for the billing address?

A. machine learned
B. Regex
C. geographyV2
D. Pattern.any
E. list

Answer: A

Explanation:
An ML entity can be composed of smaller sub-entities, each of which can have its own properties. For example, Address could have the following structure:
Address: 4567 Main Street, NY, 98052, USA Building Number: 4567
Street Name: Main Street State: NY
Zip Code: 98052 Country: USA
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-entity-types

NEW QUESTION 55
- (Topic 3)
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 chatbot that uses question answering in Azure Cognitive Service for Language Users report that the responses of the chatbot lark formality when answering spurious questions
You need to ensure that the chatbot provides formal responses to spurious questions. Solution: From Language Studio, you change the chitchat source to qna_chitchit_friindly.tsv. and then retrain and republish the model. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 57
DRAG DROP - (Topic 3)
You are building an app that will scan confidential documents and use the Language service to analyze the contents.
You provision an Azure Cognitive Services resource.
You need to ensure that the app can make requests to the Language service endpoint. The solution must ensure that confidential documents remain on-premises. 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

Pull an image from Docker Hub.
Provision an on-premises Kubernetes cluster that has internet connectivity.
Provision an Azure Kubernetes Service (AKS) resource.
Run the container and specify an App ID and Client Secret.
Provision an on-premises Kubernetes cluster that is isolated from the internet.
Pull an image from the Microsoft Container Registry (MCR).
Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

Pull an image from Docker Hub.
Provision an on-premises Kubernetes cluster that has internet connectivity.
Provision an Azure Kubernetes Service (AKS) resource.
Run the container and specify an App ID and Client Secret.
Provision an on-premises Kubernetes cluster that is isolated from the internet.
Pull an image from the Microsoft Container Registry (MCR).
Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

Answer Area

Provision an on-premises Kubernetes cluster that is isolated from the internet.
Pull an image from the Microsoft Container Registry (MCR).
Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

NEW QUESTION 62
- (Topic 3)
You have the following C# method for creating Azure Cognitive Services resources programmatically.

```
static void create_resource(CognitiveServicesManagementClient client, string
resource_name, string kind, string account_tier, string location)
{
  CognitiveServicesAccount parameters =
      new CognitiveServicesAccount(null, null, kind, location, resource_name,
new CognitiveServicesAccountProperties(), new Sku(account_tier));
  var result = client.Accounts.Create(resource_group_name, account_tier,
parameters);
}
```

You need to call the method to create a free Azure resource in the West US Azure region. The resource will be used to generate captions of images automatically.
Which code should you use?

A. create_resource(client, "res1", "ComputerVision", "F0", "westus")
B. create_resource(client, "res1", "CustomVision.Prediction", "F0", "westus")
C. create_resource(client, "res1", "ComputerVision", "S0", "westus")
D. create_resource(client, "res1", "CustomVision.Prediction", "S0", "westus")

Answer: B

Explanation:
https://azure.microsoft.com/en-us/pricing/details/cognitive-services/computer-vision/

NEW QUESTION 64
DRAG DROP - (Topic 3)
You develop an app in O named App1 that performs speech-to-speech translation. You need to configure App1 to translate English to German.
How should you complete the speechTransiationConf ig object? 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

addTargetLanguage
speechSynthesisLanguage
speechRecognitionLanguage
voiceName

Answer Area

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);
translationConfig.                = "en-US";
translationConfig.                ("de");
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Values

| addTargetLanguage |
| speechSynthesisLanguage |
| speechRecognitionLanguage |
| voiceName |

Answer Area

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);
translationConfig.  [ speechRecognitionLanguage ]  = "en-US";
translationConfig.  [ addTargetLanguage ]  ("de");
```

NEW QUESTION 65
DRAG DROP - (Topic 3)
You have a monitoring solution that uses the Azure AI Anomaly Detector service. You provision a server named Server! that has intermittent internet access.
You need to deploy the Azure AI Anomaly Detector to Server 1.
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

| From Server1, run the docker push command. |
| Query the prediction endpoint of the Azure AI Anomaly Detector in Azure. |
| Install the Docker Engine on Server1. |
| From Server1, run the docker pull command. |
| From Server1, run the docker run command. |
| Query the prediction endpoint on Server1. |

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

| From Server1, run the docker push command. |
| Query the prediction endpoint of the Azure AI Anomaly Detector in Azure. |
| Install the Docker Engine on Server1. |
| From Server1, run the docker pull command. |
| From Server1, run the docker run command. |
| Query the prediction endpoint on Server1. |

Answer Area

| Install the Docker Engine on Server1. |
| From Server1, run the docker pull command. |
| From Server1, run the docker run command. |
| Query the prediction endpoint on Server1. |

NEW QUESTION 69
- (Topic 3)
You are building an app that will share user images.
You need to configure the app to perform the following actions when a user uploads an image:
• Categorize the image as either a photograph or a drawing.
• Generate a caption for the image.
The solution must minimize development effort.
Which two services should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. object detection in Computer Vision
B. content tags in Computer Vision
C. image descriptions in Computer Vision
D. image type detection in Computer Vison
E. image classification in Custom Vision

Answer: CD

Explanation:
? According to the Microsoft documentation, Computer Vision is a cloud-based service that provides developers with access to advanced algorithms for processing images and returning information. By uploading an image or specifying an image URL, Computer Vision algorithms can analyze visual content in different ways based on inputs and user choices.
? According to the Microsoft documentation, image type detection is one of the features of Computer Vision that can categorize an image as either a photograph or a drawing. You can use the image type detection feature by calling the Analyze Image API with the visualFeatures parameter set to ImageType. The API will return a JSON response with an imageType field that indicates whether the image is a photo or a clipart.
? According to the Microsoft documentation, image descriptions is another feature of Computer Vision that can generate a caption for an image. You can use the image descriptions feature by calling the Analyze Image API with the visualFeatures parameter set to Description. The API will return a JSON response with a description field that contains a list of captions for the image, each with a confidence score.
? Therefore, by using these two features of Computer Vision, you can achieve your app requirements with minimal development effort. You don't need to use any other services, such as object detection, content tags, or Custom Vision, which are designed for different purposes.

NEW QUESTION 71
- (Topic 3)
You are building a bot by using Microsoft Bot Framework.
You need to configure the bot to respond to spoken requests. The solution must minimize development effort.
What should you do?

A. Deploy the bot to Azure and register the bot with a Direct Une Speech channel
B. Integrate the bot with Cortana by using the Bot Framework SDK.
C. Create an Azure function that will call the Speech service and connect the bot to the function.
D. Deploy the bot to Azure and register the bot with a Microsoft Teams channel.

Answer: B

NEW QUESTION 75
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area
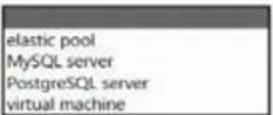
In an infrastructure as a service (IaaS) instance of Microsoft SQL Server on Azure, you manage the | elastic pool / MySQL server / PostgreSQL server / virtual machine | that hosts SQL Server.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

In an infrastructure as a service (IaaS) instance of Microsoft SQL Server on Azure, you manage the | elastic pool / MySQL server / PostgreSQL server / virtual machine | that hosts SQL Server.

NEW QUESTION 80
- (Topic 3)
You successfully run the following HTTP request.
POST https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc-
a54745f708a1/resourceGroups/RG1/providers/Microsoft.CognitiveServices/accounts/conto sol/regenerateKey?api-version=2017-04-18
Body{"keyName": "Key2"}
What is the result of the request?

A. A key for Azure Cognitive Services was generated in Azure Key Vault.
B. A new query key was generated.
C. The primary subscription key and the secondary subscription key were rotated.
D. The secondary subscription key was reset.

Answer: B

Explanation:
https://docs.microsoft.com/en-us/rest/api/searchmanagement/2021-04-01-preview/query- keys/create

NEW QUESTION 83
HOTSPOT - (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework SDK.
You use an object named UserProfile to store user profile information and an object named ConversationData to store information related to a conversation.
You create the following state accessors to store both objects in state.
var userStateAccessors = _userState.CreateProperty<UserProfile>(nameof(UserProfile)); var conversationStateAccessors =
_conversationState.CreateProperty<ConversationData>(nameof(ConversationData)); The state storage mechanism is set to Memory Storage.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will create and maintain the `UserProfile` object in the underlying storage layer.	○	○
The code will create and maintain the `ConversationData` object in the underlying storage layer.	○	○
The `UserProfile` and `ConversationData` objects will persist when the Bot Framework runtime terminates.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
You create property accessors using the CreateProperty method that provides a handle to the BotState object. Each state property accessor allows you to get or set the value of the associated state property.
Box 2: Yes
Box 3: No
Before you exit the turn handler, you use the state management objects' SaveChangesAsync() method to write all state changes back to storage.

NEW QUESTION 85
- (Topic 3)
You have an Azure Cognitive Search solution and an enrichment pipeline that performs Sentiment Analysis on social media posts.
You need to define a knowledge store that will include the social media posts and the Sentiment Analysis results.
Which two fields should you include in the definition? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. storageContainer
B. tables
C. storaeeConnectionString
D. files
E. objects

Answer: DE

NEW QUESTION 87
- (Topic 3)
You have a chatbot that was built by using Microsoft Bot Framework and deployed to Azure.
You need to configure the bot to support voice interactions. The solution must support multiple client apps.
Which type of channel should you use?

A. Cortana
B. Microsoft Teams
C. Direct Line Speech

Answer: C

NEW QUESTION 90
DRAG DROP - (Topic 3)
You have a question answering project in Azure Cognitive Service for Language.
You need to move the project to a Language service instance in a different Azure region. 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.


A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 93
HOTSPOT - (Topic 3)
A1 You have an Azure OpenA1 resource named AH that hosts three deployments of the GPT 3.5 model. Each deployment is optimized for a unique workload.
You plan to deploy three apps. Each app will access AM by using the REST API and will use the deployment that was optimized for the apps intended workload.
You need to provide each app with access to AH and the appropriate deployment. The solution must ensure that only the apps can access AM.
What should you use to provide access to AM. and what should each app use to connect to its appropriate deployment? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Provide access to AI1 by using: | An API key ▼ |
An API key
A bearer token
A shared access signature (SAS) token

Connect to the deployment by using: | A deployment endpoint ▼ |
An API key
A deployment endpoint
A deployment name
A deployment type

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Provide access to AI1 by using: | An API key ▼ |
An API key
A bearer token
A shared access signature (SAS) token

Connect to the deployment by using: | A deployment endpoint ▼ |
An API key
A deployment endpoint
A deployment name
A deployment type

NEW QUESTION 98
- (Topic 3)
You are developing an application that will use Azure Cognitive Search for internal documents.
You need to implement document-level filtering for Azure Cognitive Search.
Which three actions should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Send Azure AD access tokens with the search request.
B. Retrieve all the groups.
C. Retrieve the group memberships of the user.
D. Add allowed groups to each index entry.
E. Create one index per group.
F. Supply the groups as a filter for the search requests.

Answer: CDF

Explanation:
Your documents must include a field specifying which groups have access. This information becomes the filter criteria against which documents are selected or rejected from the result set returned to the issuer.
D: A query request targets the documents collection of a single index on a search service. CF: In order to trim documents based on group_ids access, you should issue a search
query with a group_ids/any(g:search.in(g, 'group_id1, group_id2,...')) filter, where
'group_id1, group_id2,...' are the groups to which the search request issuer belongs.
Reference:
https://docs.microsoft.com/en-us/azure/search/search-security-trimming-for-azure-search

NEW QUESTION 99
DRAG DROP - (Topic 3)
You plan to use a Language Understanding application named app1 that is deployed to a container.
App1 was developed by using a Language Understanding authoring resource named lu1. App1 has the versions shown in the following table.

Version	Trained date	Published date
V1.2	None	None
V1.1	2020-10-01	None
V1.0	2020-09-01	2020-09-15

You need to create a container that uses the latest deployable version of app1.
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. (Choose three.)

Actions

Answer Area

Run a container that has `version` set as an environment variable.

Export the model by using the Export as JSON option.

Select v1.1 of app1.

Run a container and mount the model file.

Select v1.0 of app1.

Export the model by using the Export for containers (GZIP) option.

Select v1.2 of app1.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Export the model using the Export for containers (GZIP) option. Export versioned app's package from LUIS portal
The versioned app's package is available from the Versions list page.
? Sign on to the LUIS portal.
? Select the app in the list.
? Select Manage in the app's navigation bar.
? Select Versions in the left navigation bar.
? Select the checkbox to the left of the version name in the list.
? Select the Export item from the contextual toolbar above the list.
? Select Export for container (GZIP).
? The package is downloaded from the browser.

Versions ?

	Version name		Created	Last modified ∨
☑	Version name	Export as JSON	Created	Last modified ∨
		Export for container (GZIP)		
☑	0.1 *(Active & Production)*	5/3/18	5/3/18	9/6/18

(Toolbar: Rename, Clone, Export — All ∨ — Search for version(s))
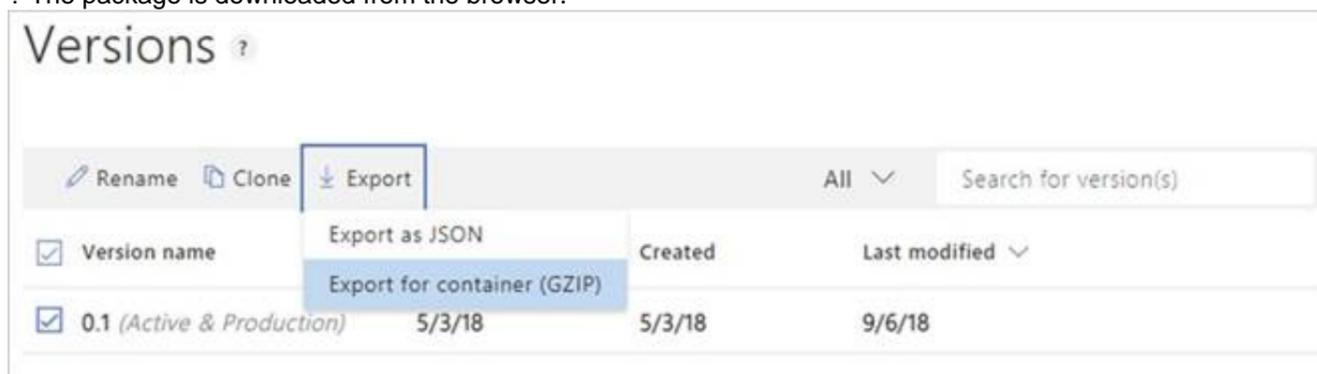
Step 2: Select v1.1 of app1.
A trained or published app packaged as a mounted input to the container with its associated App ID.
Step 3: Run a contain and mount the model file.
Run the container, with the required input mount and billing settings.

NEW QUESTION 100
DRAG DROP - (Topic 3)
You are building a retail chatbot that will use a QnA Maker service.
You upload an internal support document to train the model. The document contains the following question: "What is your warranty period?"
Users report that the chatbot returns the default QnA Maker answer when they ask the following question: "How long is the warranty coverage?"
The chatbot returns the correct answer when the users ask the following question: 'What is your warranty period?"
Both questions should return the same answer.
You need to increase the accuracy of the chatbot responses.
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. (Choose three.)

Actions

Actions
Add a new question and answer (QnA) pair.
Retrain the model.
Add additional questions to the document.
Republish the model.
Add alternative phrasing to the question and answer (QnA) pair.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Add alternative phrasing to the question and answer (QnA) pair.
Add alternate questions to an existing QnA pair to improve the likelihood of a match to a user query.
Step 2: Retrain the model.
Periodically select Save and train after making edits to avoid losing changes. Step 3: Republish the model
Note: A knowledge base consists of question and answer (QnA) pairs. Each pair has one answer and a pair contains all the information associated with that answer.

NEW QUESTION 103
DRAG DROP - (Topic 3)
You need to analyze video content to identify any mentions of specific company names.
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	Answer Area
Add the specific company names to the exclude list.	
Sign in to the Custom Vision website.	
From Content model customization, select **Language**.	
Sign in to the Azure Video Analyzer for Media website.	
From Content model customization, select **Brands**.	
Add the specific company names to the include list.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Add the specific company names to the exclude list.	Sign in to the Azure Video Analyzer for Media website.
Sign in to the Custom Vision website.	From Content model customization, select **Brands**.
From Content model customization, select **Language**.	Add the specific company names to the include list.
Sign in to the Azure Video Analyzer for Media website.	
From Content model customization, select **Brands**.	
Add the specific company names to the include list.	

NEW QUESTION 106
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A data analyst
A data engineer
A data scientist

is responsible for identifying which business rules must be applied to the data of a company.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A data analyst	
A data engineer	is responsible for identifying which business rules must be applied to the data of a company.
A data scientist	

NEW QUESTION 107
- (Topic 3)
You need to create a visualization of running sales totals per quarter as shown in the following exhibit.

What should you create in Cower BI Desktop;1

A. a waterfall chart
B. a ribbon chart
C. a bar chart
D. a decomposition tree

Answer: C

NEW QUESTION 109
HOTSPOT - (Topic 3)
You have an Azure subscription that contains an Azure OpenAI resource named AH. You build a chatbot that will use AI1 to provide generative answers to specific questions. You need to ensure that the responses are more creative and less deterministic.
How should you complete the code? 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 Area

```
new ChatCompletionsOptions()
{
    Messages =
    {
        new ChatMessage(  ChatRole.User      ▼  , @""),
                          ChatRole.Assistant
                          ChatRole.Function
                          ChatRole.System
                          ChatRole.User
    },
    Temperature        ▼  = (float)1.0,
    ChatRole.User
    PresencePenalty
    Temperature
    TokenSelectionBiasses
    MaxTokens = 800,
});
```

NEW QUESTION 114
DRAG DROP - (Topic 3)
Match the Azure Cosmos DB APIs to the appropriate data structures.
To answer, drag the appropriate API from the column on the left to its data structure on the right. Each API may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

APIs		Answer Area		
Cassandra API			API	Graph data
Gremlin API			API	JSON documents
MongoDB API			API	Key/value data
Table API				

A. Mastered
B. Not Mastered

Answer: A

Explanation:

APIs		Answer Area		
Cassandra API			Gremlin API	Graph data
Gremlin API			MongoDB API	JSON documents
MongoDB API			Table API	Key/value data
Table API				

NEW QUESTION 116
- (Topic 3)
You have an Azure Cognitive Services model named Model that identifies the intent of text input.
You develop an app in C# named App1. You need to configure App1 to use Model1. Which package should you add to App1?

A. Azure.AI.Language.Conversations
B. SpeechServicesToolkit
C. Universal.Microsoft.CognitiveServices.Speech
D. Xamarin.Cognitive.Speech

Answer: C

NEW QUESTION 119
- (Topic 3)
You have an Azure Cognitive Search instance that indexes purchase orders by using Form Recognizer
You need to analyze the extracted information by using Microsoft Power BI. The solution must minimize development effort.
What should you add to the indexer?

A. a table projection
B. a projection group
C. an object projection
D. a file projection

Answer: C

NEW QUESTION 124
HOTSPOT - (Topic 3)
You have a Computer Vision resource named contoso1 that is hosted in the West US Azure region.
You need to use contoso1 to make a different size of a product photo by using the smart cropping feature.
How should you complete the API URL? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /

-o "sample.png" -H "Content-Type: application/json" /
```

| [dropdown ▼] | /vision/v3.1/ | [dropdown ▼] | ?width=100&height=100&smartCropping=true /

"https://api.projectoxford.ai
"https://contoso1.cognitiveservices.azure.com
"https://westus.api.cognitive.microsoft.com

areaOfInterest
detect
generateThumbnail

```
-d "{\"url\":\"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```
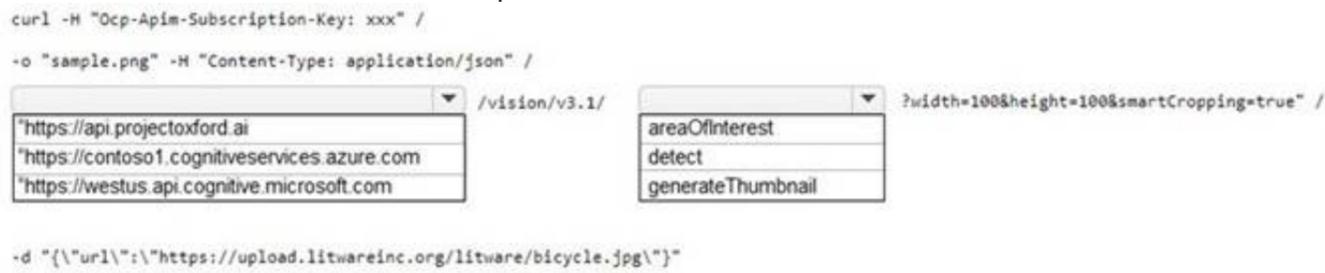
A. Mastered
B. Not Mastered

Answer: A

Explanation:
westus.api.cognitive.microsoft.com generateThumbnail
https://docs.microsoft.com/en-us/rest/api/computervision/3.1/generate-thumbnail/generate-thumbnail#examples
POST
https://westus.api.cognitive.microsoft.com/vision/v3.1/generateThumbnail?width=500&height=500&smartCropping=True
Ocp-Apim-Subscription-Key: {API key}

NEW QUESTION 125
- (Topic 3)
What is a primary characteristic of a relational database?

A. data is queried and manipulated by using a variant of the SOL language
B. a lack of dependencies between tables
C. a flexible data structure
D. a large amount of duplicate data

Answer: C

NEW QUESTION 128
- (Topic 3)
You have a file share that contains 5,000 images of scanned invoices.
You need to analyze the images. The solution must extract the following data:
• Invoice items
• Sales amounts
• Customer details What should you use?

A. Custom Vision
B. Computer Vision
C. Immersive Reader
D. Form Recognizer

Answer: C

NEW QUESTION 133
- (Topic 3)
Which statement is an example of Data Manipulation Language (DML)?

A. Revoke
B. UPDATE
C. DROP
D. CREATE

Answer: B

NEW QUESTION 134
HOTSPOT - (Topic 3)
You plan to deploy an Azure OpenAI resource by using an Azure Resource Manager (ARM) template.
You need to ensure that the resource can respond to 600 requests per minute.
How should you complete the template? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
{
    "type": "Microsoft.CognitiveServices/accounts/deployments",
    "apiVersion": "2023-05-01",
    "name": "arm-aoai-sample-resource/arm-je-std-deployment",
    "dependsOn": [
        "[resourceId('Microsoft.CognitiveServices/accounts', 'arm-aoai-sample-resource')]"
    ],
    "sku": {
        "name": "Standard",
        "capacity" ▼ : 600 ▼
        "capacity"          1
        "count"             60
        "maxValue"          100
        "size"              600
    },
    "properties": {
        "model": {
            "format": "OpenAI",
...
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 139
- (Topic 3)
What is used to define a query in a stream processing jobs in Azure Stream Analytics?

A. SQL
B. XML
C. YAML
D. KOL

Answer: A

NEW QUESTION 141
DRAG DROP - (Topic 2)

You are developing a solution for the Management-Bookkeepers group to meet the document processing requirements. The solution must contain the following components:
? A form Recognizer resource
? An Azure web app that hosts the Form Recognizer sample labeling tool
The Management-Bookkeepers group needs to create a custom table extractor by using the sample labeling tool.
Which three actions should the Management-Bookkeepers group perform in sequence? To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.

Actions

Actions
Train a custom model
Label the sample documents
Create a new project and load sample documents
Create a composite model

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a new project and load sample documents
Create a new project. Projects store your configurations and settings.
Step 2: Label the sample documents
When you create or open a project, the main tag editor window opens.
Step 3: Train a custom model. Finally, train a custom model.

NEW QUESTION 146
......

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