Microsoft

Exam Questions AI-102

Designing and Implementing an Azure AI Solution

NEW QUESTION 1
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

Relational data is stored in
- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Relational data is stored in
- a file system as unstructured data.
- a hierarchal folder structure.
- a tabular form of rows and columns.
- comma-separated value (CSV) files.

NEW QUESTION 2
- (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 3
- (Topic 3)
You are building a chatbot.
You need to configure the bot to guide users through a product setup process. Which type of dialog should you use?

A. component
B. waterfall
C. adaptive
D. action

Answer: B

NEW QUESTION 4
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A data analyst	is responsible for creating visuals and charts that help a company make informed decisions.
A data engineer	
A data scientist	
A database administrator	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A data analyst	is responsible for creating visuals and charts that help a company make informed decisions.
A data engineer	
A data scientist	
A database administrator	

NEW QUESTION 5
- (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 6
- (Topic 3)
You develop a custom question answering project in Azure Cognitive Service for Language. The project will be used by a chatbot. You need to configure the project to engage in multi-turn conversations. What should you do?

A. Add follow-up prompts.
B. Enable active learning.
C. Add alternate questions.
D. Enable chit-chat.

Answer: A

NEW QUESTION 7
- (Topic 3)
You are designing a conversational interface for an app that will be used to make vacation requests. The interface must gather the following data:
• The start date of a vacation
• The end date of a vacation
• The amount of required paid time off
The solution must minimize dialog complexity. Which type of dialog should you use?

A. Skill
B. waterfall
C. adaptive
D. component

Answer: D

NEW QUESTION 8
- (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 pattern in the FindContact intent.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead use a new intent for location.
Note: An intent represents a task or action the user wants to perform. It is a purpose or goal expressed in a user's utterance.
Define a set of intents that corresponds to actions users want to take in your application. Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-intent

NEW QUESTION 9
- (Topic 3)
You are examining the Language service output of an application.
The text analyzed is: Our tour guide took us up the Space Needle during our trip to Seattle last week.
The response contains the data shown in the following table.

Text	Category	ConfidenceScore
Tour guide	PersonType	0.45
Space Needle	Location	0.38
Trip	Event	0.78
Seattle	Location	0.78
Last week	DateTime	0.80

Which Language service API is used 10 analyze the Text?

A. Entity Linking
B. Named Entity Recognition
C. Key Phrase Extraction
D. Sentiment Analysis

Answer: B

NEW QUESTION 10
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 10

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 14
- (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 18
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 19
- (Topic 3)
You have an Azure subscription that contains a multi-service Azure Cognitive Services Translator resource named Translator1.
You are building an app that will translate text and documents by using Translator1. You need to create the REST API request for the app.
Which headers should you include in the request?

A. the subscription key and the client trace ID
B. the subscription key, the subscription region, and the content type
C. the resource ID and the content language
D. the access control request, the content type, and the content length

Answer: B

NEW QUESTION 21
HOTSPOT - (Topic 3)
You plan to provision Azure Cognitive Services resources by using the following method.

```
{
    CognitiveServicesAccount parameters =
        new CognitiveServicesAccount(null, null, kind, location, name,
            new CognitiveServicesAccountProperties(), new Sku(tier));
    result = client.Accounts.Create(resource_group_name, tier, parameters);
}
```

You need to create a Standard tier resource that will convert scanned receipts into text. How should you call the method? To answer, select the appropriate options in the answer
area.
NOTE: Each correct selection is worth one point.
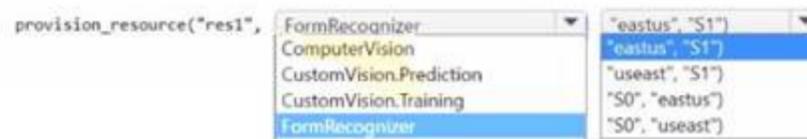
Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area
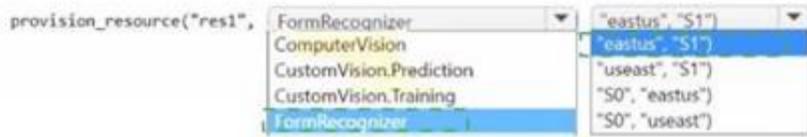
NEW QUESTION 22
- (Topic 3)
You are building a natural language model. You need to enable active learning.
What should you do?

A. Add show-all-intents=true to the prediction endpoint query.
B. Enable speech priming.
C. Add log=true to the prediction endpoint query.
D. Enable sentiment analysis.

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-review-endpoint-utterances#log-user-queries-to-enable-active-learning

NEW QUESTION 24
- (Topic 3)
You are building an AI solution that will use Sentiment Analysis results from surveys to calculate bonuses for customer service staff. You need to ensure that the solution meets the Microsoft responsible AI principles. What should you do?

A. Add a human review and approval step before making decisions that affect the staffs financial situation
B. Include the Sentiment Analysis results when surveys return a low confidence score.
C. Use all the surveys, including surveys by customers who requested that their account be deleted and their data be removed.
D. Publish the raw survey data to a central location and provide the staff with access to the location.

Answer: A

NEW QUESTION 26
- (Topic 3)
You have a collection of 50,000 scanned documents that contain text. You plan to make the text available through Azure Cognitive Search.
You need to configure an enrichment pipeline to perform optical character recognition (OCR) and text analytics. The solution must minimize costs.
What should you attach to the skillset?

A. a new Computer Vision resource
B. a free (Limited enrichments) Cognitive Services resource
C. an Azure Machine Learning pipeline
D. a new Cognitive Services resource that uses the SO pricing tier

Answer: A

Explanation:
The Computer Vision API uses text recognition APIs to extract and recognize text information from images. Read uses the latest recognition models, and is optimized for large, text-heavy documents and noisy images.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/solution-ideas/articles/cognitive- search-with-skillsets

NEW QUESTION 28
- (Topic 3)
You have a Language Understanding resource named lu1. You build and deploy an Azure bot named 'bot1 that uses lu1.
You need to ensure that bot1 adheres to the Microsoft responsible AI principle of inclusiveness.
How should you extend bot1?

A. Implement authentication for bot1.
B. Enable active learning for lu1.
C. Host lu1 in a container.

D. Add Direct Line Speech to bot1.

Answer: D

Explanation:
Inclusiveness: AI systems should empower everyone and engage people.
Direct Line Speech is a robust, end-to-end solution for creating a flexible, extensible voice assistant. It is powered by the Bot Framework and its Direct Line Speech channel, that is optimized for voice-in, voice-out interaction with bots.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/direct-line- speech

NEW QUESTION 33
- (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 37
- (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 41
DRAG DROP - (Topic 3)
You have a Docker host named Host1 that contains a container base image.
You have an Azure subscription that contains a custom speech-to-text model named model1.
You need to run model1 on Host1.
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:
According to the course AI-102T00: Designing and Implementing a Microsoft Azure AI Solution1, the correct sequence of actions to run model1 on Host1 is:
? Export model1 to Host1
? Run the container
? Configure disk logging
The explanation and references are as follows:
? Export model1 to Host1: This step is required to deploy the custom speech-to-text model to the Docker host. You can use the Azure portal or the Azure CLI to export the model as a container image2.
? Run the container: This step is required to start the container and run the model on the Docker host. You can use the Docker CLI to run the container image3.
? Configure disk logging: This step is optional but recommended to monitor the performance and health of the container. You can use the Docker CLI to configure disk logging for the container4.

NEW QUESTION 45
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 49
HOTSPOT - (Topic 3)
You have an Azure subscription that has the following configurations:
• Subscription ID: 8d3591aa-96b8-4737-ad09-OOf9b1ed35ad
• Tenant ID: 3edfe572-cbS4-3ced-ae12-c5c177f39a12
You plan to create a resource that will perform sentiment analysis and optical character recognition (OCR).
You need to use an HTTP request to create the resource in the subscription. The solution must use a single key and endpoint.
How should you complete the request? To answer, select the appropriate options in the
answer area.
NOTE: Each correct selection is worth one point.

Answer Area

https://management.azure.com/ | subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad | /resourceGroups/OCRProject/providers/
- subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12
- subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad
- tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12
- tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

Microsoft.CognitiveServices | /accounts/CS1?api-version=2021-10-01
- Microsoft.ApiManagement
- Microsoft.CognitiveServices
- Microsoft.ContainerService
- Microsoft.KeyVault

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

https://management.azure.com/ | subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad | /resourceGroups/OCRProject/providers/
- subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12
- subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad
- tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12
- tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

Microsoft.CognitiveServices | /accounts/CS1?api-version=2021-10-01
- Microsoft.ApiManagement
- Microsoft.CognitiveServices
- Microsoft.ContainerService
- Microsoft.KeyVault

NEW QUESTION 53
- (Topic 3)
You plan to provision a QnA Maker service in a new resource group named RG1. In RG1, you create an App Service plan named AP1.
Which two Azure resources are automatically created in RG1 when you provision the QnA Maker service? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Language Understanding
B. Azure SQL Database
C. Azure Storage
D. Azure Cognitive Search
E. Azure App Service

Answer: DE

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/set-up-qnamaker-service-azure?tabs=v1#delete-azure-resources
"When you create a QnAMaker resource, you host the data in your own Azure subscription. Azure Search is used to index your data." & "When you create a QnAMaker resource, you host the runtime in your own Azure subscription. App Service is the compute engine that runs the QnA Maker queries for you."

NEW QUESTION 58
- (Topic 3)
What should you use to build a Microsoft Power Bi paginated report?

A. Power BI Report Builder
B. Charculator
C. Power BI Desktop
D. the Power BI service

Answer: A

NEW QUESTION 59
HOTSPOT - (Topic 3)
You are designing a conversation flow to be used in a chatbot.
You need to test the conversation flow by using the Microsoft Bot Framework Emulator. How should you complete the .chat file? To answer, select the appropriate options in the
answer area.
NOTE: Each correct selection is worth one point.

```
user=User1
bot=watchbot
user: I want a new watch.

bot: [              ▼  ][Delay=3000]
       Attachment
       ConversationUpdate
       Typing

bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:

[AttachmentLayout=          ▼  ]
                  adaptivecard
                  carousel
                  thumbnail

[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
user: I like the first one.
bot: Sure, pulling up more information.

bot: [Attachment=cards\watchProfileCard.json          ▼  ]
user: That's nice! Thank you.                adaptivecard
bot: Sure, you are most welcome!             carousel
                                             list
```
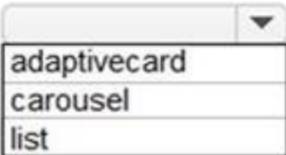
A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
user=User1
bot=watchbot
user: I want a new watch.

bot: [                    ▼ ][Delay=3000]
        Attachment
        ConversationUpdate
        Typing

bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:

[AttachmentLayout=            ▼ ]
              adaptivecard
              carousel
              thumbnail

[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
user: I like the first one.
bot: Sure, pulling up more information.

bot: [Attachment=cards\watchProfileCard.json            ▼ ]
                                        adaptivecard
user: That's nice! Thank you.              carousel
bot: Sure, you are most welcome!           list
```

NEW QUESTION 64
- (Topic 3)
You create a bot by using the Microsoft Bot Framework SDK.
You need to configure the bot to respond to events by using custom text responses. What should you use?

A. an adaptive card
B. an activity handler
C. a dialog
D. a skill

Answer: B

NEW QUESTION 66
HOTSPOT - (Topic 3)
You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint. The application has the following code.

```
static async void AddFace(string subscription_key, string personGroupId, string personId, string imageURI)
{
    var client = new HttpClient();
    client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", subscription_key);
    var endpointURI = $"https://westus.api.cognitive.microsoft.com/face/v1.0/persongroups/{personGroupId}/persons/{personId}/persistedFaces";
    HttpResponseMessage response;
    var body = "{ \"url\": \"" + imageURI + "\"}";
    var content = new StringContent(body, Encoding.UTF8, "application/json");
    var response = await client.PutAsync(endpointURI, content);
}
```

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 add a face image to a person object in a person group.	○	○
The code will work for a group of 10,000 people.	○	○
AddFace can be called multiple times to add multiple face images to a person object.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
B: see this example code from documentation that uses PersonGroup of size 10,000 : https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how- to-add-faces
the question wants to trick you into thinking you need to use a LargePersonGroup for a size of 10,000 - but the documentation for it doesn't include this limitation or

criteria: https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how- to-use-large-scale

NEW QUESTION 69
- (Topic 3)
You have receipts that are accessible from a URL.
You need to extract data from the receipts by using Form Recognizer and the SDK. The solution must use a prebuilt model.
Which client and method should you use?

A. the FormRecognizerClienc client and the ScarcRecognizeConcencFromUri method
B. the FormTrainingClienc client and the ScarcRecognizeContentFromUri method
C. the FormRecognizerClienc client and the ScarcRecognizeReceipcsFromUri method
D. the FormTrainingClient client and the ScarcRecognizeReceipcsFromUri method

Answer: D

Explanation:
To analyze receipts from a URL, use the StartRecognizeReceiptsFromUri method Example code:
private static async Task AnalyzeReceipt(FormRecognizerClient recognizerClient, string receiptUri)
{
RecognizedFormCollection receipts = await recognizerClient.StartRecognizeReceiptsFromUri(new Uri(receiptUrl)).WaitForCompletionAsync();
Reference:
https://docs.microsoft.com/en-us/azure/applied-ai-services/form- recognizer/quickstarts/client-library

NEW QUESTION 73
- (Topic 3)
You have an Azure Cognitive Search solution and a collection of handwritten letters stored as JPEG files.
You plan to index the collection. The solution must ensure that queries can be performed on the contents of the letters.
You need to create an indexer that has a skillset. Which skill should you include?

A. key phrase extraction
B. optical character recognition (OCR)
C. document extraction
D. image analysis

Answer: B

NEW QUESTION 76
- (Topic 3)
You are building a Language Understanding model for an e-commerce chatbot. Users can speak or type their billing address when prompted by the chatbot.
You need to construct an entity to capture billing addresses. Which entity type should you use?

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

Answer: B

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-entity-types
ML Entity with Structure
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

NEW QUESTION 81
- (Topic 3)
You plan create an index for an Azure Cognitive Search service by using the Azure portal. The Cognitive Search service will connect to an Azure SQL database
The Azure SQL database contains a table named UserMessages. Each row m User
Messages has a field named MessageCopy that contains the text of social media messages sent by a user
Users win perform full text searches against the MessageCopy field, and the values of the field will be shown to the users-
You need to configure the properties of the index for the MessageCopy field to support the solution.
Winch attributes should you enable for the field?

A. Searchable arc Retrievable
B. Sortable and Retrievable
C. Searchable arc Facetable
D. Filterable and Retrievable

Answer: A

NEW QUESTION 84
- (Topic 3)
You create five bots by using Microsoft Bot Framework Composer.
You need to make a single bot available to users that combines the bots. The solution must support dynamic routing to the bots based on user input.

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

A. Create an Orchestrator model.
B. Change the Recognizer/Dispatch type.
C. Create a composer extension.
D. Enable WebSockets.
E. Create a custom recognizer JSON file.
F. Install the Orchestrator package.

Answer: ABF

NEW QUESTION 85
DRAG DROP - (Topic 3)
You plan to build a chatbot to support task tracking.
You create a Conversational Language Understanding service named Iu1.
You need to build a Conversational 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 89
- (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 create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.
You plan to create a new Azure Cognitive Search service named service1.
You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.
Solution: You deploy service1 and a public endpoint to a new virtual network, and you configure Azure Private Link.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/cognitive-services-virtual-networks?tabs=portal#use-private-endpoints

---

NEW QUESTION 94
HOTSPOT - (Topic 3)
You are building an app by using the Speech SDK. The app will translate speech from French to German by using natural language processing.
You need to define the source language and the output 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.

Answer Area

```
var speechTranslationConfig =
SpeechTranslationConfig.FromSubscription(speechKey, speechRegion);
speechTranslationConfig.
```

SpeechRecognitionLanguage ▼	="fr"
AddTargetLanguage
SpeechRecognitionLanguage
SpeechSynthesisLanguage
TargetLanguages
VoiceName

```
speech_translation_config.
```

SpeechSynthesisLanguage ▼	("de")
AddTargetLanguage
SpeechRecognitionLanguage
SpeechSynthesisLanguage
TargetLanguages
VoiceName

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
var speechTranslationConfig =
SpeechTranslationConfig.FromSubscription(speechKey, speechRegion);
speechTranslationConfig.
```

SpeechRecognitionLanguage ▼	="fr"
AddTargetLanguage
SpeechRecognitionLanguage
SpeechSynthesisLanguage
TargetLanguages
VoiceName

```
speech_translation_config.
```
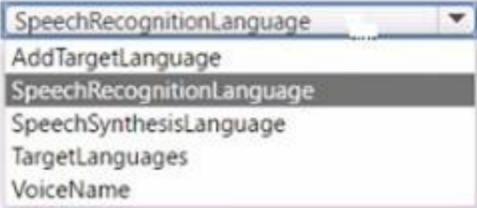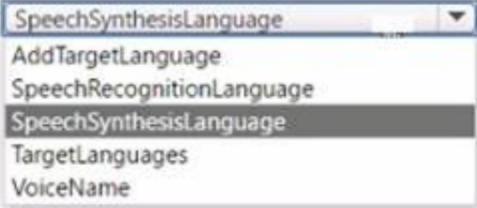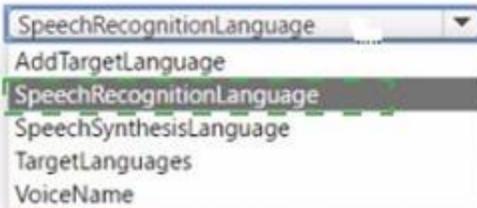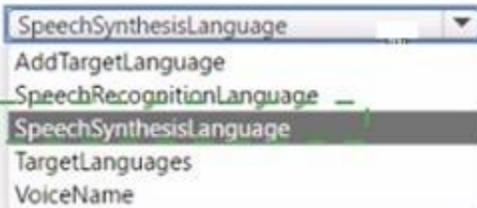
SpeechSynthesisLanguage ▼	("de")
AddTargetLanguage
SpeechRecognitionLanguage
SpeechSynthesisLanguage
TargetLanguages
VoiceName

NEW QUESTION 98
- (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 lack 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_chitchat_professional.tsv. and then retrain and republish the model. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 100
HOTSPOT - (Topic 3)
You are building a chatbot that will provide information to users as shown in the following exhibit.

Passengers
Sarah Hum
Jeremy Goldberg
Evan Litvak

2 Stops
Tue, May 30, 2017 10:25 PM

San Francisco   San Francisco
Amsterdam   ✈   Amsterdam

SFO   SFO
AMS   AMS
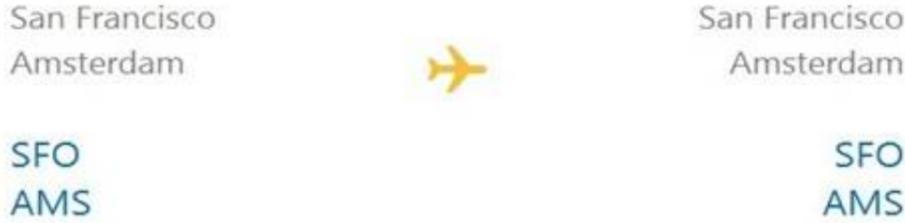
Non-Stop
Fri, Jun 2, 2017 11:55 PM

San Francisco   San Francisco
Amsterdam   ✈   Amsterdam

SFO   SFO
AMS   AMS

Total   **$4,032.54**

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

The chatbot is showing **[answer choice]**.

| an Adaptive Card |
| a Hero Card |
| a Thumbnail Card |

The card includes **[answer choice]**.

| an action set |
| an image |
| an image group |
| media |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Adaptive card Box 2: an image

NEW QUESTION 101
DRAG DROP - (Topic 3)
You have 100 chatbots that each has its own Language Understanding model. Frequently, you must add the same phrases to each model.
You need to programmatically update the Language Understanding models to include the new phrases.
How should you complete the code? 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

| AddPhraseListAsync |
| Phraselist |
| PhraselistCreateObject |
| Phrases |
| SavePhraselistAsync |
| UploadPhraseListAsync |

Answer Area

```
var phraselistId = await client.Features._____

(appId, versionId, new _____

{
    EnabledForAllModels = false,
    IsExchangeable = true,
    Name = "PL1",
    Phrases = "item1,item2,item3,item4,item5"

});
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: AddPhraseListAsync Example: Add phraselist feature
var phraselistId = await client.Features.AddPhraseListAsync(appId, versionId, new
PhraselistCreateObject
{
EnabledForAllModels = false, IsExchangeable = true, Name = "QuantityPhraselist", Phrases = "few,more,extra"
});
Box 2: PhraselistCreateObject

NEW QUESTION 104
- (Topic 3)
You are building a solution that will detect anomalies in sensor data from the previous 24 hours.
You need to ensure that the solution scans the entire dataset, at the same time, for anomalies.
Which type of detection should you use?

A. batch
B. streaming
C. change point

Answer: A

Explanation:
Batch anomaly detection is a type of anomaly detection that scans the entire dataset at once for outliers and unusual patterns. Batch anomaly detection is suitable for offline analysis of historical data, such as sensor data from the previous 24 hours. Batch anomaly detection can use various techniques, such as statistical methods, machine learning methods, or hybrid methods, to identify anomalies in the data123.

NEW QUESTION 107
- (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 an Azure Cognitive Search service.
During the past 12 months, query volume steadily increased.
You discover that some search query requests to the Cognitive Search service are being throttled.
You need to reduce the likelihood that search query requests are throttled. Solution: You add indexes.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Instead, you could migrate to a Cognitive Search service that uses a higher tier.
Note: A simple fix to most throttling issues is to throw more resources at the search service (typically replicas for query-based throttling, or partitions for indexing-based throttling). However, increasing replicas or partitions adds cost, which is why it is important to know the reason why throttling is occurring at all.
Reference:
https://docs.microsoft.com/en-us/azure/search/search-performance-analysis

NEW QUESTION 110
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.


A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 115
- (Topic 3)
You are developing a new sales system that will process the video and text from a public- facing website.
You plan to monitor the sales system to ensure that it provides equitable results regardless of the user's location or background.
Which two responsible AI principles provide guidance to meet the monitoring requirements? Each correct answer presents part of the solution. (Choose two.)
NOTE: Each correct selection is worth one point.

A. transparency
B. fairness
C. inclusiveness
D. reliability and safety
E. privacy and security

Answer: BC

Explanation:
https://docs.microsoft.com/en-us/learn/modules/get-started-ai-fundamentals/8-understand- responsible-ai

NEW QUESTION 117
DRAG DROP - (Topic 3)
You are developing a webpage that will use the Video Indexer service to display videos of internal company meetings.
You embed the Player widget and the Cognitive Insights widget into the page. You need to configure the widgets to meet the following requirements:
? Ensure that users can search for keywords.
? Display the names and faces of people in the video.
? Show captions in the video in English (United States).
How should you complete the URL for each widget? 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application, Word, email Description automatically generated

NEW QUESTION 122
- (Topic 3)
You are building a chatbot that will use question answering in Azure Cognitive Service for Language.
You have a PDF named Docl.pdf that contains a product catalogue and a price list You upload Docl.pdf and train the model.
During testing, users report that the chatbot responds correctly to the following question: What is the price of < product>?
The chatbot fails to respond to the following question: How much does <product* cost? You need to ensure that the chatbot responds correctly to both questions.
Solution: From Language Studio, you create an entity for cost, and then retrain and republish the model.
Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 124
DRAG DROP - (Topic 3)
Match the types of workloads to the appropriate scenarios.
To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may he 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 128
- (Topic 3)
You need to measure the public perception of your brand on social media messages. Which Azure Cognitive Services service should you use?

A. Text Analytics
B. Content Moderator
C. Computer Vision
D. Form Recognizer

Answer: A

Explanation:
Text Analytics Cognitive Service could be used to quickly determine the public perception for a specific topic, event or brand.
Example: A NodeJS app which pulls Tweets from Twitter using the Twitter API based on a specified search term. Then pass these onto Text Analytics for sentiment scoring before storing the data and building a visualisation in PowerBI. The Architecture looked something like this:

Reference:
https://www.linkedin.com/pulse/measuring-public-perception-azure-cognitive-services- steve-dalai
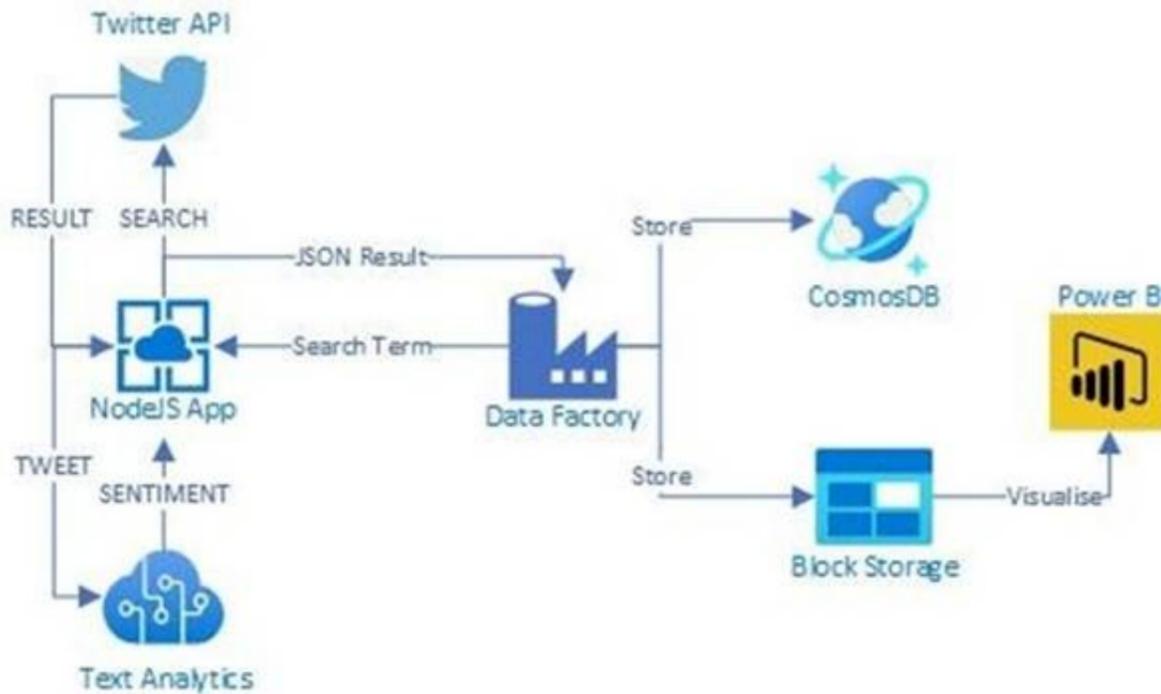
NEW QUESTION 130
- (Topic 3)
Which Azure Storage service implements the key/value model?

A. Azure Files
B. Azure Blob
C. Azure Table
D. Azure Queue

Answer: C

NEW QUESTION 132
- (Topic 3)
You have the following C# method.

```
static void create_resource(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 = cog_svc_client.Accounts.Create(resource_group_name, account_tier, parameters);
}
```

You need to deploy an Azure resource to the East US Azure region. The resource will be used to perform sentiment analysis.
How should you call the method?

A. create_resource("res1", "ContentModerator", "S0", "eastus")
B. create_resource("res1", "TextAnalytics", "S0", "eastus")
C. create_resource("res1", "ContentModerator", "Standard", "East US")
D. create_resource("res1", "TextAnalytics", "Standard", "East US")

Answer: B

Explanation:
To perform sentiment analysis, we specify TextAnalytics, not ContentModerator. Possible SKU names include: 'F0','F1','S0','S1','S2','S3','S4','S5','S6','S7','S8'
Possible location names include: westus, eastus
Reference:
https://docs.microsoft.com/en-us/powershell/module/az.cognitiveservices/new- azcognitiveservicesaccount

NEW QUESTION 136
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 138
DRAG DROP - (Topic 3)
You have a Custom Vision service project that performs object detection. The project uses the General domain for classification and contains a trained model.
You need to export the model for use on a network that is disconnected from the internet. Which three actions should you perform in sequence? To answer, move the appropriate
actions from the list o' actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 143
DRAG DROP - (Topic 3)
You have an Azure subscription that contains an Azure OpenA1 resource named AH. You plan to build an app named App1 that will write press releases by using

AM.
You need to deploy an Azure OpenA1 model for Appl. The solution must minimize development effort.
Which three actions should you perform in sequence in Azure OpenAI Studio? 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 deployment that uses the text-embedding-ada-002 model.
Apply the Default system message template.
Create a deployment that uses the GPT-35 Turbo model.
Apply the Marketing Writing Assistant system message template.
Deploy the solution to a new web app.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

Create a deployment that uses the text-embedding-ada-002 model.
Apply the Default system message template.
Create a deployment that uses the GPT-35 Turbo model.
Apply the Marketing Writing Assistant system message template.
Deploy the solution to a new web app.

Answer Area

Create a deployment that uses the GPT-35 Turbo model.
Apply the Marketing Writing Assistant system message template.
Deploy the solution to a new web app.

NEW QUESTION 147
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

When provisioning an Azure Cosmos DB [account / container / database / item], you need to specify which type of API you will use.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

When provisioning an Azure Cosmos DB [account / container / database / item], you need to specify which type of API you will use.

NEW QUESTION 148
HOTSPOT - (Topic 3)
You are building a model to detect objects in images.
The performance of the model based on training data is shown in the following exhibit.

👁 Objects		Training Images	Performance	Predictions	🔵 Train	✓ Quick Test
⚙ Iterations	✓ Publish	🔵 Prediction URL	🗑 Delete	⬇ Export		

Probability Threshold: 50% ⓘ

Overlap Threshold: 30% ⓘ

Iteration 1

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 150
- (Topic 3)
You have data saved in the following format.

```
FirstName,LastName,Age,LeisureHobby,SportsHobby
John,Smith,23,Reading,Basketball
Ben,Smith,21,Guitar,Curling
```

Which format was used?

A. CSV
B. JSON
C. HTML
D. YAML

Answer: A

NEW QUESTION 151
- (Topic 3)
You develop a Conversational Language Undemanding model by using Language Studio
During testing, users receive incorrect responses to requests that do NOT relate to the capabilities of the model.
You need to ensure that the model identifies spurious requests. What should you do?

A. Enable active learning.
B. Add examples to the custom intents.
C. Add examples to the None intent
D. Add entities.

Answer: A

NEW QUESTION 156
- (Topic 3)
You are building a chatbot.
You need to ensure that the bot will recognize the names of your company's products and codenames. The solution must minimize development effort.
Which Azure Cognitive Service for Language service should you include in the solution?

A. custom text classification
B. entity linking
C. custom Named Entity Recognition (NER)
D. key phrase extraction

Answer: C

NEW QUESTION 158
- (Topic 3)
Which scenario is an example of a streaming workload?

A. sending transactions daily from point of sale (POS) devices
B. sending cloud infrastructure metadata every 30 minutes
C. sending transactions that are older than a month to an archive
D. sending telemetry data from edge devices

Answer: D

NEW QUESTION 162
HOTSPOT - (Topic 3)
You are developing an internet-based training solution for remote learners.
Your company identifies that during the training, some learners leave their desk for long
periods or become distracted.
You need to use a video and audio feed from each learner's computer to detect whether the learner is present and paying attention. The solution must minimize development effort and identify each learner.
Which Azure Cognitive Services service should you use for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

From a learner's video feed, verify whether the learner is present: [Face / Speech / Text Analytics]

From a learner's facial expression in the video feed, verify whether the learner is paying attention: [Face / Speech / Text Analytics]

From a learner's audio feed, detect whether the learner is talking: [Face / Speech / Text Analytics]

A. Mastered
B. Not Mastered

Answer: A

Explanation:

From a learner's video feed, verify whether the learner is present: [**Face** / Speech / Text Analytics]

From a learner's facial expression in the video feed, verify whether the learner is paying attention: [**Face** / Speech / Text Analytics]

From a learner's audio feed, detect whether the learner is talking: [Face / **Speech** / Text Analytics]

NEW QUESTION 164
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 169
- (Topic 3)
You are building a language model by using a Language Understanding service. You create a new Language Understanding resource.
You need to add more contributors. What should you use?

A. a conditional access policy in Azure Active Directory (Azure AD)
B. the Access control (1AM) page for the authoring resources in the Azure portal
C. the Access control (1AM) page for the prediction resources in the Azure portal

Answer: B

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-collaborate

NEW QUESTION 174
- (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 176
HOTSPOT - (Topic 3)
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
Azure Databricks is an Apache Spark-based analytics platform.	○	○
Azure Analysis Services is used for transactional workloads.	○	○
Azure Data Factory orchestrates data integration workflows.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Azure Databricks is an Apache Spark-based analytics platform.	●	○
Azure Analysis Services is used for transactional workloads.	●	○
Azure Data Factory orchestrates data integration workflows.	◉	○

NEW QUESTION 177
DRAG DROP - (Topic 3)
You are developing a photo application that will find photos of a person based on a sample image by using the Face API.
You need to create a POST request to find the photos.
How should you complete the request? 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

detect
findsimilars
group
identify
matchFace
matchPerson
verify

Answer Area

```
POST {Endpoint}/face/v1.0/ [            ]
Request Body

{
    "faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
    "largeFaceListId": "sample_list",
    "largeFaceListId": "sample_list",
    "maxNumOfCandidatesReturned": 10,
    "mode": "[            ]"
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: findsimilars
https://docs.microsoft.com/en-us/rest/api/faceapi/face/find-similar
Box 2: matchPerson
Find similar has two working modes, "matchPerson" and "matchFace". "matchPerson" is the default mode that it tries to find faces of the same person as possible by using internal same-person thresholds. It is useful to find a known person's other photos. Note that an empty list will be returned if no faces pass the internal thresholds. "matchFace" mode ignores same-person thresholds and returns ranked similar faces anyway, even the similarity is low. It can be used in the cases like searching celebrity-looking faces.

NEW QUESTION 182
- (Topic 3)
You have a chatbot that was built by using the Microsoft Bot Framework. You need to debug the chatbot endpoint remotely.
Which two tools should you install on a local computer? Each correct answer presents part of the solution. (Choose two.)
NOTE: Each correct selection is worth one point.

A. Fiddler
B. Bot Framework Composer
C. Bot Framework Emulator
D. Bot Framework CLI
E. ngrok
F. nginx

Answer: CE

Explanation:
Bot Framework Emulator is a desktop application that allows bot developers to test and debug bots, either locally or remotely.
ngrok is a cross-platform application that "allows you to expose a web server running on your local machine to the internet." Essentially, what we'll be doing is using ngrok to forward messages from external channels on the web directly to our local machine to allow debugging, as opposed to the standard messaging

endpoint configured in the Azure portal.
Reference:
https://docs.microsoft.com/en-us/azure/bot-service/bot-service-debug-emulator

NEW QUESTION 186
- (Topic 3)
You are building a multilingual chatbot.
You need to send a different answer for positive and negative messages.
Which two Text Analytics APIs should you use? Each correct answer presents part of the solution. (Choose two.)
NOTE: Each correct selection is worth one point.

A. Linked entities from a well-known knowledge base
B. Sentiment Analysis
C. Key Phrases
D. Detect Language
E. Named Entity Recognition

Answer: BD

Explanation:
B: The Text Analytics API's Sentiment Analysis feature provides two ways for detecting positive and negative sentiment. If you send a Sentiment Analysis request, the API will return sentiment labels (such as "negative", "neutral" and "positive") and confidence scores at the sentence and document-level.
D: The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.
This capability is useful for content stores that collect arbitrary text, where language is unknown. Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text- analytics-how-to- sentiment-analysis?tabs=version-3-1
https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text- analytics-how-to- language-detection

NEW QUESTION 189
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

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.

Answer Area

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.
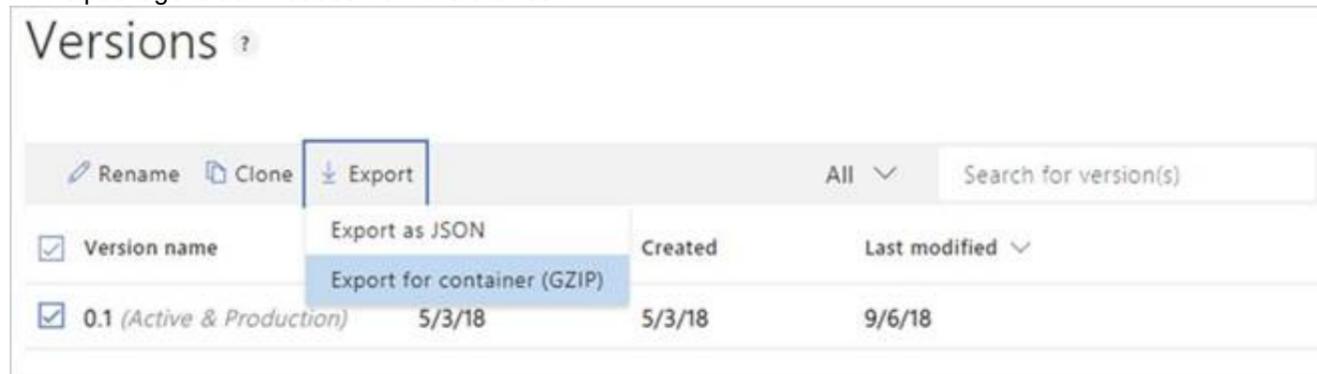
Step 2: Select v1.1 of app1.
A trained or published app packaged as a mounted input to the container with its associated App ID.
Step 3: Run a contain and mount the model file.
Run the container, with the required input mount and billing settings.

NEW QUESTION 192
DRAG DROP - (Topic 3)
You build a bot by using the Microsoft Bot Framework SDK. You need to test the bot interactively on a local machine.
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:

NEW QUESTION 195
- (Topic 3)
What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution.
NOTE: Each correct selection Is worth one point.

A. reduced administrative effort for managing the server infrastructure
B. complete control over backup and restore processes
C. in-database machine learning services S3
D. access to the latest features

Answer: AD

NEW QUESTION 197
- (Topic 3)
You need to measure the public perception of your brand on social media by using natural language processing. Which Azure service should you use?

A. Content Moderator
B. Form Recognizer
C. Computer Vision
D. Language service

Answer: D

NEW QUESTION 200
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 **Language**.	From Content model customization, select **Brands**.
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.
Add the specific company names to the include list.	

NEW QUESTION 205
HOTSPOT - (Topic 3)
You are building a model that will be used in an iOS app.
You have images of cats and dogs. Each image contains either a cat or a dog.
You need to use the Custom Vision service to detect whether the images is of a cat or a dog.
How should you configure the project in the Custom Vision portal? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Project Types:
- Classification
- Object Detection

Classification Types:
- Multiclass (Single tag per image)
- Multilabel (Multiple tags per image)

Domains:
- Audit
- Food
- General
- General (compact)
- Landmarks
- Landmarks (compact)
- Retail
- Retail (compact)

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Classification
Box 2: Multiclass
A multiclass classification project is for classifying images into a set of tags, or target labels. An image can be assigned to one tag only.

Box 3: General
General: Optimized for a broad range of image classification tasks. If none of the other specific domains are appropriate, or if you're unsure of which domain to choose, select one of the General domains.

NEW QUESTION 207
- (Topic 3)
Your company has a repotting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

A. Online Transaction Processing (OLTP)
B. Online Analytical Processing (OLAP)
C. batch processing
D. stream processing

Answer: B

NEW QUESTION 211
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 216
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

| changes to relationships between entities. |
| geographically distributed writes. |
| transactional writes. |
| writes that have varying data structures. |

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A relational database is appropriate for scenarios that involve a high volume of

| changes to relationships between entities. |
| geographically distributed writes. |
| transactional writes. |
| writes that have varying data structures. |

NEW QUESTION 221
- (Topic 3)
You have an Azure subscription that contains an Azure Cognitive Service for Language resource. You need to identify the URL of the REST interface for the Language service. Which blade should you use in the Azure portal?

A. Identity
B. Keys and Endpoint
C. Properties
D. Networking

Answer: B

NEW QUESTION 226
HOTSPOT - (Topic 3)
You are building a chatbot for a Microsoft Teams channel by using the Microsoft Bot Framework SDK. The chatbot will use the following code.

```
protected override async Task OnMembersAddedAsync(IList<ChannelAccount>
membersAdded, ITurnContext<IConversationUpdateActivity> turnContext,
CancellationToken cancellationToken)
{
    foreach (var member in membersAdded)
        if (member.Id != turnContext.Activity.Recipient.Id)
            await turnContext.SendActivityAsync($"Hi there - {member.Name}.
{WelcomeMessage}", cancellationToken: cancellationToken);
}
```

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
OnMembersAddedAsync will be triggered when a user joins the conversation.	○	○
When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	○	○
OnMembersAddedAsync will be initialized when a user sends a message.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
The ActivityHandler.OnMembersAddedAsync method overrides this in a derived class to provide logic for when members other than the bot join the conversation, such as your bot's welcome logic.
Box 2: Yes
membersAdded is a list of all the members added to the conversation, as described by the conversation update activity.
Box 3: No

NEW QUESTION 229
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.

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,
});
```

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 232
- (Topic 3)
You are building an Azure Weblob that will create knowledge bases from an array of URLs.
You instantiate a QnAMakerClient object that has the relevant API keys and assign the object to a variable named client.
You need to develop a method to create the knowledge bases.
Which two actions should you include in the method? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a list of FileDTO objects that represents data from the WebJob.
B. Call the clien
C. Knowledgebas
D. CreateAsync method.
E. Create a list of QnADTO objects that represents data from the WebJob.
F. Create a CreaceKbDTO object.

Answer: AC

Explanation:
Reference:
https://docs.microsoft.com/en-us/rest/api/cognitiveservices-qnamaker/qnamaker4.0/knowledgebase/create

NEW QUESTION 236
- (Topic 3)
You build a custom Form Recognizer model.
You receive sample files to use for training the model as shown in the following table.

Name	Type	Size
File1	PDF	20 MB
File2	MP4	100 MB
File3	JPG	20 MB
File4	PDF	100 MB
File5	GIF	1 MB
File6	JPG	40 MB

Which three files can you use to train the model? Each correct answer presents a complete solution. (Choose three.)
NOTE: Each correct selection is worth one point.

A. File1
B. File2
C. File3
D. File4
E. File5
F. File6

Answer: ACF

Explanation:
Input requirements
Form Recognizer works on input documents that meet these requirements:
Format must be JPG, PNG, PDF (text or scanned), or TIFF. Text-embedded PDFs are best because there's no possibility of error in character extraction and location.
File size must be less than 50 MB.
Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/form-recognizer/overview

NEW QUESTION 241
DRAG DROP - (Topic 3)
You train a Custom Vision model used in a mobile app.
You receive 1,000 new images that do not have any associated data.
You need to use the images to retrain the model. The solution must minimize how long it takes to retrain the model.
Which three actions should you perform in the Custom Vision portal? 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
Upload the images by category.	
Get suggested tags.	
Upload all the images.	
Group the images locally into category folders.	
Review the suggestions and confirm the tags.	
Tag the images manually.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
1) upload all the images 2.) Get suggested tags 3.) Review the suggestions and confirm the tags

NEW QUESTION 242
- (Topic 3)
Which statement is an example of Data Manipulation Language (DML)?

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

Answer: B

NEW QUESTION 247
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:

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",
            ...
    }
}
```

NEW QUESTION 251
- (Topic 3)
You are developing a method for an application that uses the Translator API.
The method will receive the content of a webpage, and then translate the content into Greek (el). The result will also contain a transliteration that uses the Roman alphabet.
You need to create the URI for the call to the Translator API. You have the following URI. https://api.cognitive.microsofttranslator.com/translate?api-version=3.0
Which three additional query parameters should you include in the URI? Each correct answer presents part of the solution. (Choose three.)
NOTE: Each correct selection is worth one point.

A. toScript=Cyrl
B. from=el
C. textType=html
D. to=el
E. textType=plain

F. toScript=Latn

Answer: ADF

Explanation:
C: textType is an optional parameter. It defines whether the text being translated is plain text or HTML text (used for web pages).
D: to is a required parameter. It specifies the language of the output text. The target language must be one of the supported languages included in the translation scope.
F: toScript is an optional parameter. It specifies the script of the translated text. We use Latin (Roman alphabet) script.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0- translate

NEW QUESTION 252
- (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 lack formality when answering random
questions that are outside the scope of the knowledge base.
You need to ensure that the chatbot provides formal responses to these spurious questions.
Solution: From Language Studio, you modify the question and answer pairs for the custom intents, and then retrain and republish the model.
Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 254
DRAG DROP - (Topic 3)
You have a chatbot that uses a QnA Maker application.
You enable active learning for the knowledge base used by the QnA Maker application. You need to integrate user input into 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.

Actions

Answer Area

Add a task to the Azure resource.

Approve and reject suggestions.

Publish the knowledge base.

Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.

For the knowledge base, select Show active learning suggestions.

Save and train the knowledge base.

Select the properties of the Azure Cognitive Services resource.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: For the knowledge base, select Show active learning suggestions.
In order to see the suggested questions, on the Edit knowledge base page, select View Options, then select Show active learning suggestions.
Step 2: Approve and reject suggestions.
Each QnA pair suggests the new question alternatives with a check mark, , to accept the question or an x to reject the suggestions. Select the check mark to add the question.
Step 3: Save and train the knowledge base.
Select Save and Train to save the changes to the knowledge base. Step 4: Publish the knowledge base.

Select Publish to allow the changes to be available from the GenerateAnswer API.
When 5 or more similar queries are clustered, every 30 minutes, QnA Maker suggests the alternate questions for you to accept or reject.

NEW QUESTION 256
- (Topic 3)
You build a bot by using the Microsoft Bot Framework SDK and the Azure Bot Service.
You plan to deploy the bot to Azure.
You register the bot by using the Bot Channels Registration service.
Which two values are required to complete the deployment? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. botId
B. tenancld
C. appld
D. objeccld
E. appSecrec

Answer: CE

Explanation:
Reference:
https://github.com/MicrosoftDocs/bot-docs/blob/live/articles/bot-service-quickstart- registration.md

NEW QUESTION 259
- (Topic 2)
You are developing the knowledgebase by using Azure Cognitive Search. You need to process wiki content to meet the technical requirements. What should you include in the solution?

A. an indexer for Azure Blob storage attached to a skillset that contains the language detection skill and the text translation skill
B. an indexer for Azure Blob storage attached to a skillset that contains the language detection skill
C. an indexer for Azure Cosmos DB attached to a skillset that contains the document extraction skill and the text translation skill
D. an indexer for Azure Cosmos DB attached to a skillset that contains the language detection skill and the text translation skill

Answer: C

Explanation:
The wiki contains text in English, French and Portuguese.
Scenario: All planned projects must support English, French, and Portuguese.
The Document Extraction skill extracts content from a file within the enrichment pipeline. This allows you to take advantage of the document extraction step that normally happens before the skillset execution with files that may be generated by other skills.
Note: The Translator Text API will be used to determine the from language. The Language detection skill is not required.
Reference:
https://docs.microsoft.com/en-us/azure/search/cognitive-search-skill-document-extraction https://docs.microsoft.com/en-us/azure/search/cognitive-search-skill-text-translation

NEW QUESTION 260
HOTSPOT - (Topic 2)
You build a QnA Maker resource to meet the chatbot requirements.
Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Management-Accountants	▼
	Owner
	Contributor
	Cognitive Services User
	Cognitive Services QnA Maker Read
	Cognitive Services QnA Maker Editor

Consultant-Accountants	▼
	Owner
	Contributor
	Cognitive Services User
	Cognitive Services QnA Maker Read
	Cognitive Services QnA Maker Editor

Agent-CustomerServices	▼
	Owner
	Contributor
	Cognitive Services User
	Cognitive Services QnA Maker Read
	Cognitive Services QnA Maker Editor

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Cognitive Service User
Ensure that the members of a group named Management-Accountants can approve the FAQs.
Approve=publish.
Cognitive Service User (read/write/publish): API permissions: All access to Cognitive Services resource except for ability to:
* 1. Add new members to roles.
* 2. Create new resources.
Box 2: Cognitive Services QnA Maker Editor
Ensure that the members of a group named Consultant-Accountants can create and amend the FAQs.
QnA Maker Editor: API permissions:
* 1. Create KB API
* 2. Update KB API
* 3. Replace KB API
* 4. Replace Alterations
* 5. "Train API" [in new service model v5]
Box 3: Cognitive Services QnA Maker Read
Ensure that the members of a group named the Agent-CustomerServices can browse the FAQs.
QnA Maker Read: API Permissions:
* 1. Download KB API
* 2. List KBs for user API
* 3. Get Knowledge base details
* 4. Download Alterations Generate Answer

NEW QUESTION 262
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.

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 266
HOTSPOT - (Topic 1)
You need to develop code to upload images for the product creation project. The solution must meet the accessibility requirements.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

```
public static async Task<string> SuggestAltText(ComputerVisionClient client,        image)
{
    List<VisualFeatureTypes?> features = new List<VisualFeatureTypes?>()
    {
```
▼
Dictionary
stream
string

▼
VisualFeatureTypes.Description
VisualFeatureTypes.ImageType
VisualFeatureTypes.Objects
VisualFeatureTypes.Tags

```
    };
ImageAnalysis results = await client.AnalyzeImageAsync(image, features);
```

▼
var c = results.Brands.DetectedBrands[0]
var c = results.Description.Captions[0]
var c = results.Metadata[0]
var c = results.Objects[0]

```
if(c.Confidence>0.5) return(c.Text);

}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

```
public static async Task<string> SuggestAltText(ComputerVisionClient client,        image)
{
    List<VisualFeatureTypes?> features = new List<VisualFeatureTypes?>()
    {
```
▼
Dictionary
stream
string

▼
VisualFeatureTypes.Description
VisualFeatureTypes.ImageType
VisualFeatureTypes.Objects
VisualFeatureTypes.Tags

```
    };
ImageAnalysis results = await client.AnalyzeImageAsync(image, features);
```

▼
var c = results.Brands.DetectedBrands[0]
var c = results.Description.Captions[0]
var c = results.Metadata[0]
var c = results.Objects[0]

```
if(c.Confidence>0.5) return(c.Text);

}
```

NEW QUESTION 268
HOTSPOT - (Topic 1)
You are developing the shopping on-the-go project. You need to build the Adaptive Card for the chatbot.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
version": "1.3",
"body": [
    {

            "type": "TextBlock",
            "size": "Medium",
            "weight": "Bolder",
            "text": "${                        ▼ }"
                        ┌─────────────────────────────┐
                        │ if(language = = 'en', 'en', name) │
                        │ name                         │
                        │ name.en                      │
                        │ name[language]               │
                        └─────────────────────────────┘
    },
    {

            "type": "TextBlock",
            ┌──────────────────────────────▼──┐
            │ "$when": "${stockLevel ! = 'OK'}" │
            │ "$when": "${stockLevel = = 'OK'}" │
            │ "$when": "${stockLevel.OK}"       │
            └─────────────────────────────────┘
            color : Attention
    },
    {

            "type": "Image",
            "url": "${image.uri}",
            "size": "Medium",
            "alText": "${                   ▼ }"
                        ┌───────────────────────────┐
                        │ image.altText.en          │
                        │ image.altText.language    │
                        │ image.altText["language"] │
                        │ image.altText[language]   │
                        └───────────────────────────┘
    }
    ]
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Description automatically generated Box 1: name.en
Box 2: "$when": "${stockLevel != 'OK'}"
Product displays must include images and warnings when stock levels are low or out of stock.
Box 3:image.altText.en

NEW QUESTION 273
......

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