Microsoft

Exam Questions AI-102

Designing and Implementing an Azure AI Solution

NEW QUESTION 1
- (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 develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.
You need to add the new images to the classifier.
Solution: You create a new model, and then upload the new images and labels. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
The model needs to be extended and retrained.

NEW QUESTION 2
- (Topic 3)
You need to recommend a non-relational data store that is optimized for storing and retrieving text files, videos, audio streams, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file. Which type of data store should you recommend?

A. columnar
B. key/value
C. document
D. object

Answer: D

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 4
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.

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 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 are building a Language Understanding solution.
You discover that many intents have similar utterances containing airport names or airport codes.
You need to minimize the number of utterances used to fram the model. Which type of custom entity should you use?

A. Pattera.any
B. machine-learning
C. list
D. regular expression

Answer: C

NEW QUESTION 7
- (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 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
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.

Actions	Answer Area
Provision the Language service resource in Azure.	
Deploy a Docker container to an Azure container instance.	
Deploy a Docker container to an on-premises server.	
Identify the Language service endpoint URL and query the prediction endpoint.	
Run the container and query the prediction endpoint.	

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
HOTSPOT - (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.

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
user.name is an entity.	○	○
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	○	○
The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
user.name is an entity.	○	◉
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	◉	○
The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	◉	○

NEW QUESTION 10
- (Topic 3)
What ate two uses of data visualization? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. Communicate the significance of data.
B. Represent trends and patterns over time.
C. Implement machine learning to predict future values.
D. Enforce business logic across reports.

Answer: AB

NEW QUESTION 14
- (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 15
HOTSPOT - (Topic 3)
You have a bot that was built by using the Microsoft Bot Framework composer as shown in the following exhibit.
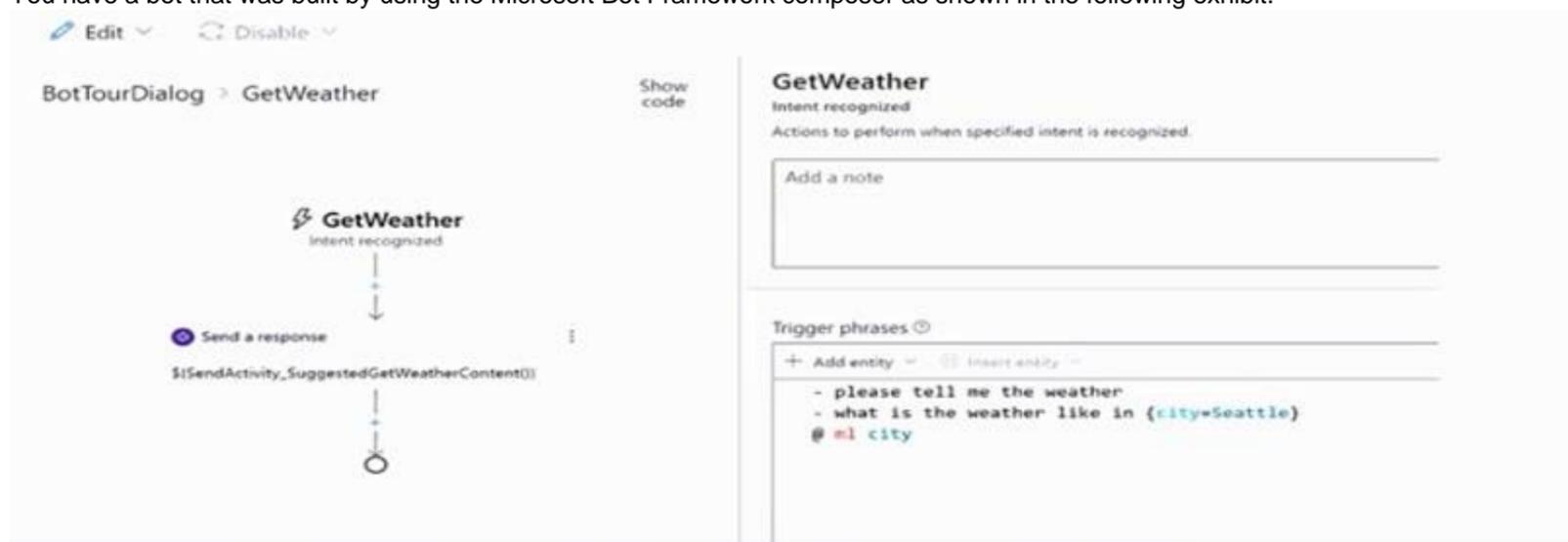
Use the drop-down menus 10 select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

If a user asks "what is the weather like in New York", the bot will [answer choice].

- identify New York as a city entity
- change to a different dialog
- identify New York as a city entity
- identify New York as a state entity
- respond with the weather in Seattle

The GetWeather dialog uses a [answer choice] trigger.

- Language Understanding Intent recogn...
- Custom events
- Dialog events
- Language Understanding Intent recognized
- QnA Intent recognized

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

If a user asks "what is the weather like in New York", the bot will **[answer choice]**.	identify New York as a city entity ▼
	change to a different dialog
	identify New York as a city entity
	identify New York as a state entity
	respond with the weather in Seattle
The GetWeather dialog uses a **[answer choice]** trigger.	Language Understanding Intent recogn... ▼
	Custom events
	Dialog events
	Language Understanding Intent recognized
	QnA Intent recognized

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
- (Topic 3)
You plan to build an app that will generate a list of tags for uploaded images. The app must meet the following requirements:
• Generate tags in a user's preferred language.
• Support English, French, and Spanish.
• Minimize development effort
You need to build a function that will generate the tags for the app. Which Azure service endpoint should you use?

A. Custom Vision image classification
B. Content Moderator Image Moderation
C. Custom Translator
D. Computer Vision Image Analysis

Answer: A

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
HOTSPOT - (Topic 3)
You are developing an application that includes language translation.
The application will translate text retrieved by using a function named get_text_to_be_translated. 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.

Answer Area

```
. . .
api_key = "FF956C68B83B21B38691A8D200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
    }
body = {
    'Text': text
    }
conn = httplib.HTTPSConnection        ("api.cognitive.microsofttranslator.com")
conn.request("POST",                  ("api-apc.cognitive.microsofttranslator.com")
response = conn.getresponse()         ("api-nam.cognitive.microsofttranslator.com")
            conn.request("POST",                                    , str(body), headers)
            response = conn.getrespons    "/translate?from=en"
            response_data = response.r    "/translate?suggestedFrom=en"
            . . .                         "/translate?to=en"
                                          "/detect?to=en"
                                          "/detect?from=en"
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
. . .
api_key = "FF956C68B83B21B38691A8D200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
    }
body = {
    'Text': text
    }
conn = httplib.HTTPSConnection        ("api.cognitive.microsofttranslator.com")
conn.request("POST",                  ("api-apc.cognitive.microsofttranslator.com")
response = conn.getresponse()         ("api-nam.cognitive.microsofttranslator.com")
            conn.request("POST",                                    , str(body), headers)
            response = conn.getrespons    "/translate?from=en"
            response_data = response.r    "/translate?suggestedFrom=en"
            . . .                         "/translate?to=en"
                                          "/detect?to=en"
                                          "/detect?from=en"
```

NEW QUESTION 26
- (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 30
HOTSPOT - (Topic 3)
You are developing a service that records lectures given in English (United Kingdom).
You have a method named AppendToTranscriptFile that takes translated text and a language identifier.
You need to develop code that will provide transcripts of the lectures to attendees in their respective language. The supported languages are English, French, Spanish, and German.
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

```
static async Task TranslateSpeechAsync()
{
    var config =SpeechTranslationConfig.FromSubscription("69cad5cc-0ab3-4704-bdff-afbf4aa07d85", "uksouth");

    var lang = new List<string>  [▼]
                                  {"en-GB"}
                                  {"fr", "de", "es"}
                                  {"French", "Spanish", "German"}
                                  {languages}

    config.SpeechRecognitionLanguage = "en-GB";
    lang.ForEach(config.AddTargetLanguage);

    using var audioConfig = AudioConfig.FromDefaultMicrophoneInput();
    using var recognizer = new  [▼]            (config, audioConfig);
                                  IntentRecognizer
                                  SpeakerRecognizer
                                  SpeechSynthesizer
                                  TranslationRecognizer

    var result = await recognizer.RecognizeOnceAsync();
    if (result.Reason == ResultReason.TranslatedSpeech)
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: {"fr", "de", "es"}
A common task of speech translation is to specify target translation languages, at least one is required but multiples are supported. The following code snippet sets both French and German as translation language targets.
static async Task TranslateSpeechAsync()
{
var translationConfig =
SpeechTranslationConfig.FromSubscription(SPEECH SUBSCRIPTION KEY, SPEECH SERVICE REGION);
translationConfig.SpeechRecognitionLanguage = "it-IT";
// Translate to languages. See, https://aka.ms/speech/sttt-languages translationConfig.AddTargetLanguage("fr"); translationConfig.AddTargetLanguage("de");
}
Box 2: TranslationRecognizer
After you've created a SpeechTranslationConfig, the next step is to initialize a TranslationRecognizer.
Example code:
static async Task TranslateSpeechAsync()
{
var translationConfig =
SpeechTranslationConfig.FromSubscription(SPEECH SUBSCRIPTION KEY, SPEECH SERVICE REGION);
var fromLanguage = "en-US";
var toLanguages = new List<string> { "it", "fr", "de" }; translationConfig.SpeechRecognitionLanguage = fromLanguage;
toLanguages.ForEach(translationConfig.AddTargetLanguage);
using var recognizer = new TranslationRecognizer(translationConfig);
}

NEW QUESTION 35
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 39
- (Topic 3)
What should you use to build a Microsoft Power Bi paginated report?

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

Answer: A

NEW QUESTION 41
- (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 42
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       ▼  ]
                                        adaptivecard
user: That's nice! Thank you.          carousel
bot: Sure, you are most welcome!       list
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

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

NEW QUESTION 46
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
Normalization involves eliminating relationships between database tables.	○	○
Normalizing a database reduces data redundancy.	○	○
Normalization improves data integrity.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	○	●
Normalizing a database reduces data redundancy.	●	○
Normalization improves data integrity.	●	○

NEW QUESTION 47
- (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 50
HOTSPOT - (Topic 3)
You have an app named App1 that uses Azure AI Document Intelligence to analyze
medical You have an app named App1 that uses Azure AI Document Intelligence for patients. You send a request to App1 and receive the following response.

```
{
  "status": "succeeded",
  "createdDateTime": "2023-09-14T21:01:02Z",
  "lastUpdatedDateTime": "2023-09-14T21:01:03Z",
  "analyzeResult": {
    "apiVersion": "2023-07-31",
    "modelId": "prebuilt-healthInsuranceCard.us",
    "stringIndexType": "utf16CodeUnit",
    "content": "Blood Pressure 118/72",
    "pages": [
      {
        ...
        "words": [
          {
            "content": "Blood",
            "polygon": [ ... ],
            "confidence": 0.766,
            "span": { ... }
          },
          {
            "content": "Pressure",
            "polygon": [ ... ],
            "confidence": 0.716,
            "span": { ...  }
          },
          {
            "content": "118/72",

            "polygon": [ ... ],
            "confidence": 0.761,
            "span": { ... }



          }
        ],
        ...
      "documents": [
          {
            "docType": "healthInsuranceCard.us",
            "boundingRegions": [ ... ]

          }
        ],
        "fields": {},
        "confidence": 1,
        "spans": [ _ ]
      }
    ]
  }
}
```

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

Answer Area

Statements	Yes	No
The chosen model is suitable for the intended use case.	○	○
The text content was recognized with greater than 70 percent confidence.	○	○
The form elements were recognized with greater than 70 percent confidence.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The chosen model is suitable for the intended use case.	○	◉
The text content was recognized with greater than 70 percent confidence.	◉	○
The form elements were recognized with greater than 70 percent confidence.	○	◉

NEW QUESTION 52
- (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 54
- (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 55
- (Topic 3)
A customer uses Azure Cognitive Search.
The customer plans to enable a server-side encryption and use customer-managed keys (CMK) stored in Azure.
What are three implications of the planned change? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. The index size will increase.
B. Query times will increase.
C. A self-signed X.509 certificate is required.
D. The index size will decrease.
E. Query times will decrease.
F. Azure Key Vault is required.

Answer: ABF

Explanation:
 "Customer-managed keys require an additional billable service, Azure Key Vault, which can be in a different region, but under the same subscription, as Azure Cognitive Search. Enabling CMK encryption will increase index size and degrade query performance."
same document also lists Azure Key Vault as a requirement: https://docs.microsoft.com/en-us/azure/search/search-security-overview#data-protection

NEW QUESTION 58
HOTSPOT - (Topic 3)
You run the following command.

```
docker run --rm -it -p 5000:5000 --memory 10g --cpus 2 \
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment\
Eula=accept \
Billing={ENDPOINT_URI} \
ApiKey={API_KEY}
```

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

Statements	Yes	No
Going to http://localhost:5000/status will query the Azure endpoint to verify whether the API key used to start the container is valid.	○	○
The container logging provider will write log data.	○	○
Going to http://localhost:5000/swagger will provide the details to access the documentation for the available endpoints.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
http://localhost:5000/status : Also requested with GET, this verifies if the api-key used to start the container is valid without causing an endpoint query.
Box 2: Yes
The command saves container and LUIS logs to output mount at C:\output, located on container host
Box 3: Yes
http://localhost:5000/swagger : The container provides a full set of documentation for the endpoints and a Try it out feature. With this feature, you can enter your settings into a web-
based HTML form and make the query without having to write any code. After the query returns, an example CURL command is provided to demonstrate the
HTTP headers and body format that's required.

NEW QUESTION 59
- (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 64
HOTSPOT - (Topic 3)
You are reviewing the design of a chatbot. The chatbot includes a language generation file that contains the following fragment.
Greet(user)
- ${Greeting()}, ${user.name}
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
${user.name} retrieves the user name by using a prompt.	○	○
Greet() is the name of the language generation template.	○	○
${Greeting()} is a reference to a template in the language generation file.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Example: Greet a user whose name is stored in `user.name`
- ${ welcomeUser(user.name) }
Example: Greet a user whose name you don't know:
- ${ welcomeUser() }
Box 2: No

Greet(User) is a Send a response action. Box 3: Yes

NEW QUESTION 68
- (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 70
- (Topic 3)
You are building a bot on a local computer by using the Microsoft Bot Framework. The bot will use an existing Language Understanding model.
You need to translate the Language Understanding model locally by using the Bot Framework CLI. What should you do first?

A. From the Language Understanding portal, clone the model.
B. Export the model as an .lu file.
C. Create a new Speech service.
D. Create a new Language Understanding service.

Answer: B

Explanation:
You might want to manage the translation and localization for the language understanding content for your bot independently.
Translate command in the @microsoft/bf-lu library takes advantage of the Microsoft text translation API to automatically machine translate .lu files to one or more than 60+ languages supported by the Microsoft text translation cognitive service.
What is translated?
An .lu file and optionally translate Comments in the lu file LU reference link texts
List of .lu files under a specific path.
Reference:
https://github.com/microsoft/botframework-cli/blob/main/packages/luis/docs/translate- command.md

NEW QUESTION 74
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.

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 75
- (Topic 3)
You are training a Language Understanding model for a user support system.
You create the first intent named GetContactDetails and add 200 examples. You need to decrease the likelihood of a false positive.
What should you do?

A. Enable active learning.
B. Add a machine learned entity.
C. Add additional examples to the GetContactDetails intent.
D. Add examples to the None intent.

Answer: A

Explanation:
Active learning is a technique of machine learning in which the machine learned model is used to identify informative new examples to label. In LUIS, active learning refers to adding utterances from the endpoint traffic whose current predictions are unclear to improve your model.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-glossary

NEW QUESTION 79
HOTSPOT - (Topic 3)
You are building an Azure Cognitive Search custom skill. You have the following custom skill schema definition.

```
{
    "@odata.type": "#Microsoft.Skills.Custom.WebApiSkill",
    "description": "My custom skill description",
    "uri": "https://contoso-webskill.azurewebsites.net/api/process",
    "context": "/document/organizations/*",
    "inputs": [
        {
            "name": "companyName",
            "source": "/document/organizations/*"
        }
    ],
    "outputs": [
        {
            "name": "companyDescription",
        }
    ]
}
```

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

Answer Area

Statements	Yes	No
CompanyDescription is available for indexing.	○	○
The definition calls a web API as part of the enrichment process.	○	○
The enrichment step is called only for the first organization under "/document/organizations".	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Once you have defined a skillset, you must map the output fields of any skill that directly contributes values to a given field in your search index.
Box 2: Yes
The definition is a custom skill that calls a web API as part of the enrichment process.
Box 3: No
For each organization identified by entity recognition, this skill calls a web API to find the description of that organization.

NEW QUESTION 83
HOTSPOT - (Topic 3)
You are building an app that will enable users to upload images. The solution must meet the following requirements:
• Automatically suggest alt text for the images.
• Detect inappropriate images and block them.
• Minimize development effort.
You need to recommend a computer vision endpoint for each requirement.
What should you recommend? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Generate alt text:
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/contentmoderator/moderate/v1.0/ProcessImage/Evaluate
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description

Detect inappropriate content:
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description
https://westus.api.cognitive.microsoft.com/contentmoderator/moderate/v1.0/ProcessImage/Evaluate
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description
https://westus.api.cognitive.microsoft.com/vision/v3.2/describe?maxCandidates=1

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Generate alt text:
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/contentmoderator/moderate/v1.0/ProcessImage/Evaluate
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description

Detect inappropriate content:
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description
https://westus.api.cognitive.microsoft.com/contentmoderator/moderate/v1.0/ProcessImage/Evaluate
https://westus.api.cognitive.microsoft.com/customvision/v3.1/prediction/projectId/classify/iterations/publishedName/image
https://westus.api.cognitive.microsoft.com/vision/v3.2/analyze/?visualFeatures=Adult,Description
https://westus.api.cognitive.microsoft.com/vision/v3.2/describe?maxCandidates=1

NEW QUESTION 85
DRAG DROP - (Topic 3)
You are developing a call to the Face API. The call must find similar faces from an existing
list named employeefaces. The employeefaces list contains 60,000 images.
How should you complete the body of the HTTP 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

"faceListId"
"LargeFaceListId"
"matchFace"
"matchPerson"

Answer Area
```
{
    "faceId": "18c51a87-3a69-47a8-aedc-a54745f708a1",
    [_____] : "employeefaces",
    "maxNumOfCandidatesReturned": 1,
    "mode": [_____]
}
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: LargeFaceListID
LargeFaceList: Add a face to a specified large face list, up to 1,000,000 faces.
Note: Given query face's faceId, to search the similar-looking faces from a faceId array, a face list or a large face list. A "faceListId" is created by FaceList - Create containing persistedFaceIds that will not expire. And a "largeFaceListId" is created by LargeFaceList - Create containing persistedFaceIds that will also not expire.

NEW QUESTION 87
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 91
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	Answer Area
AddPhraseListAsync	
Phraselist	
PhraselistCreateObject	
Phrases	
SavePhraselistAsync	
UploadPhraseListAsync	

```
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 95
- (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 99
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	Answer Area
addTargetLanguage	
speechSynthesisLanguage	var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);
speechRecognitionLanguage	translationConfig.[ ] = "en-US";
voiceName	translationConfig.[ ] ("de");

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Values	Answer Area
addTargetLanguage	
speechSynthesisLanguage	var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);
speechRecognitionLanguage	translationConfig.[speechRecognitionLanguage] = "en-US";
voiceName	translationConfig.[addTargetLanguage] ("de");

NEW QUESTION 103
- (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 108
- (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 111
- (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 115
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 120
DRAG DROP - (Topic 3)
You are building a Language Understanding model for purchasing tickets.
You have the following utterance for an intent named PurchaseAndSendTickets. Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com]
You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.
Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels. Each entity type 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: GeographyV2
The prebuilt geographyV2 entity detects places. Because this entity is already trained, you do not need to add example utterances containing GeographyV2 to the application intents.
Box 2: Email
Email prebuilt entity for a LUIS app: Email extraction includes the entire email address from an utterance. Because this entity is already trained, you do not need to add example utterances containing email to the application intents.
Box 3: Machine learned
The machine-learning entity is the preferred entity for building LUIS applications.

NEW QUESTION 124
- (Topic 3)
You have an Azure subscription that contains an Azure App Service app named Appl. You provision a multi-service Azure Cognitive Services resource named CSAccount1.
You need to configure App1 to access CSAccount1. The solution must minimize administrative effort.
What should you use to configure App1?

A. a system-assigned managed identity and an X.509 certificate
B. the endpoint URI and an OAuth token
C. the endpoint URI and a shared access signature (SAS) token
D. the endpoint URI and subscription key

Answer: D

NEW QUESTION 128
DRAG DROP - (Topic 3)
You are building a customer support chatbot.
You need to configure the bot to identify the following:
• Code names for internal product development
• Messages that include credit card numbers The solution must minimize development effort.
Which Azure Cognitive Service for Language feature should you use for each requirement? To answer, drag the appropriate features to the correct requirements.
Each feature 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.

Features		Answer Area
Custom named entity recognition (NER)		Identify code names for internal product development:
Key phrase extraction		Identify messages that include credit card numbers:
Language detection		
Named Entity Recognition (NER)		
Personally Identifiable Information (PII) detection		
Sentiment analysis		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Features		Answer Area
Custom named entity recognition (NER)		Identify code names for internal product development: Custom named entity recognition (NER)
Key phrase extraction		Identify messages that include credit card numbers: Personally Identifiable Information (PII) detection
Language detection		
Named Entity Recognition (NER)		
Personally Identifiable Information (PII) detection		
Sentiment analysis		

NEW QUESTION 133
HOTSPOT - (Topic 3)
You have a collection of press releases stored as PDF files.
You need to extract text from the files and perform sentiment analysis.
Which service should you use for each task? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Extract text:
- Computer Vision
- Azure Cognitive Search
- **Computer Vision**
- Form Recognizer

Perform sentiment analysis:
- Language
- Azure Cognitive Search
- Computer Vision
- Form Recognizer
- **Language**

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Extract text:
- Computer Vision
- Azure Cognitive Search
- **Computer Vision**
- Form Recognizer

Perform sentiment analysis:
- Language
- Azure Cognitive Search
- Computer Vision
- Form Recognizer
- **Language**
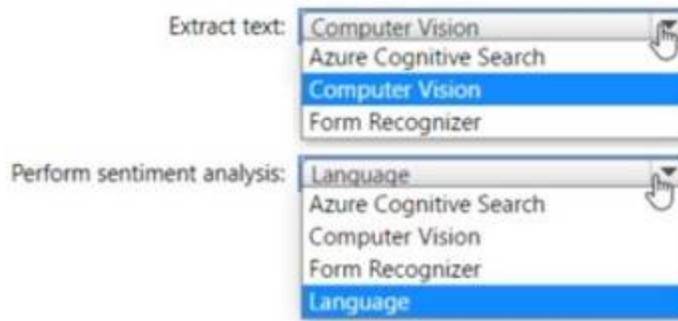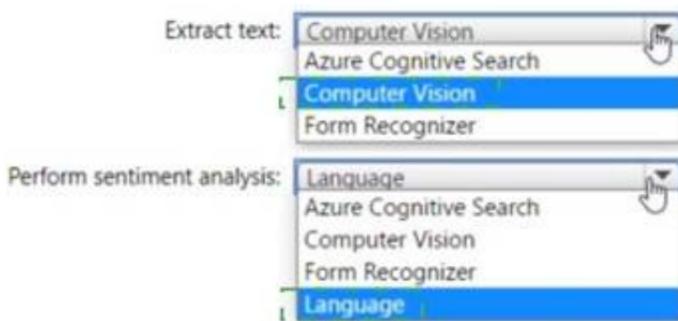
NEW QUESTION 136
HOTSPOT - (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.

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
`user.name` is an entity.	○	○
The dialog asks for a user name and a user age and assigns appropriate values to the `user.name` and `user.age` properties.	○	○
The chatbot attempts to take the first non-null entity value for `userName` or `personName` and assigns the value to `user.name`.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
User.name is a property. Box 2: Yes
Box 3: Yes
The coalesce() function evaluates a list of expressions and returns the first non-null (or non-empty for string) expression.

NEW QUESTION 137
HOTSPOT - (Topic 3)
You have an Azure subscription that contains an Azure AI Document Intelligence resource named DM.
You build an app named App1 that analyzes PDF files for handwritten content by using DM.
You need to ensure that App1 will recognize the handwritten content.
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

```
Uri fileUri = new Uri("<fileUri>");

AnalyzeDocumentOperation operation = await client.AnalyzeDocumentFromUriAsync(WaitUntil.Completed,   [ "prebuilt-document ". ▼ ]  fileUri);
                                                                                                       "prebuilt-document ",
AnalyzeResult result = operation.Value;                                                                 "prebuilt-contract",
                                                                                                       "prebuilt-read",
foreach (DocumentStyle style in result.Styles)

{

  bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;

    if (isHandwritten && style.Confidence >  [ 0.75  ▼ ]  )
                                              0.1
    {                                         0.75
                                              1.0

  Console.WriteLine($"Handwritten content found:");

  foreach (DocumentSpan span in style.Spans)

  {

    Console.WriteLine($"  Content: {result.Content.Substring(span.Index, span.Length)}");

  }

  }

  }
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

```
Uri fileUri = new Uri("<fileUri>");

AnalyzeDocumentOperation operation = await client.AnalyzeDocumentFromUriAsync(WaitUntil.Completed,   [ "prebuilt-document ". ▼ ]  fileUri);
                                                                                                       "prebuilt-document ",
AnalyzeResult result = operation.Value;                                                                 "prebuilt-contract",
                                                                                                       "prebuilt-read",
foreach (DocumentStyle style in result.Styles)

{

  bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;

    if (isHandwritten && style.Confidence >  [ 0.75  ▼ ]  )
                                              0.1
    {                                         0.75
                                              1.0

  Console.WriteLine($"Handwritten content found:");

  foreach (DocumentSpan span in style.Spans)

  {

    Console.WriteLine($"  Content: {result.Content.Substring(span.Index, span.Length)}");

  }

  }

  }
```

NEW QUESTION 142
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.

| Actions	Answer Area
Change Domains to **General (compact)**.	
Retrain the model.	
Create a new classification model.	
Change the classification type.	
Export the model.	

A. Mastered
B. Not Mastered

Answer: A

**Explanation:**
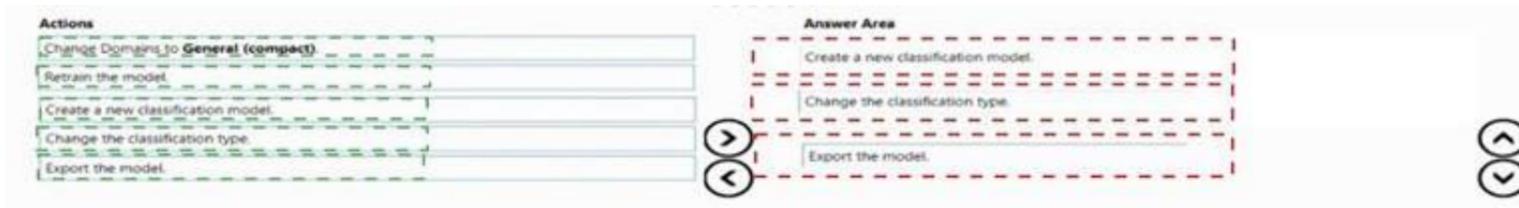
NEW QUESTION 146
DRAG DROP - (Topic 3)
You Build a bot in JavaScript.
From the Azure Command-Line interface (CLI), you run the following command. az bot prepare-deploy
You need to deploy the bot to Azure.
Which three Azure CLI commands should you run in sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the client order.
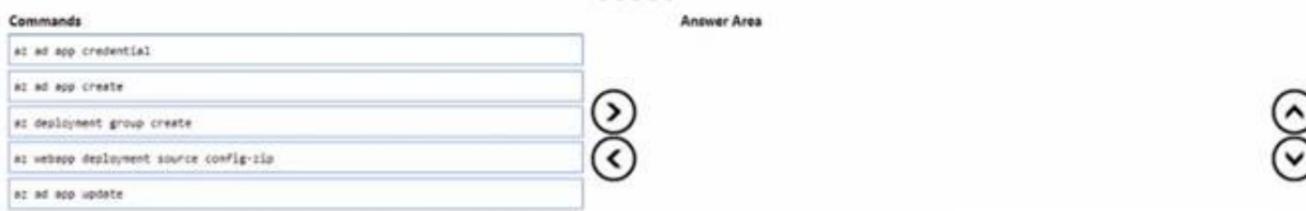
A. Mastered
B. Not Mastered

Answer: A

Explanation:
 To deploy the bot to Azure, you should run the following three Azure CLI commands in sequence:
? az deployment group create This command will create the Azure resources for your bot using an ARM template and a parameters file. You need to specify the resource group name, the template file path, and the parameters file path. For example:
az deployment group create --resource-group myResourceGroup --template-file "deploymentTemplates\template-with-preexisting-rg.json" --parameters "deploymentTemplates\parameters-for-template-BotApp-with-rg.json"
This command will also output the app ID and password of your bot, which you will need for the next command1.
? az webapp deployment source config-zip This command will deploy your bot code
to the app service that you created in the previous step. You need to specify the resource group name, the app service name, and the zip file path of your bot code. For example:
az webapp deployment source config-zip --resource-group myResourceGroup --name myBotAppService --src "code.zip"
This command will also output the URL of your bot endpoint, which you will need for the next command2.
? az ad app update This command will update your bot registration with the endpoint
URL of your bot. You need to specify the app ID of your bot and the endpoint URL. For example:
az ad app update --id myBotAppId --set replyUrls="https://myBotAppService.azurewebsites.net/api/messages"
This command will complete the deployment process and make your bot ready to be tested3.

NEW QUESTION 151
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.
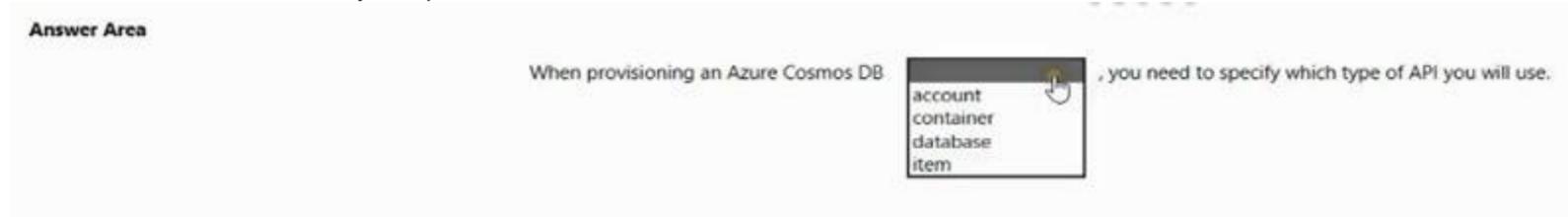
A. Mastered
B. Not Mastered

Answer: A

Explanation:
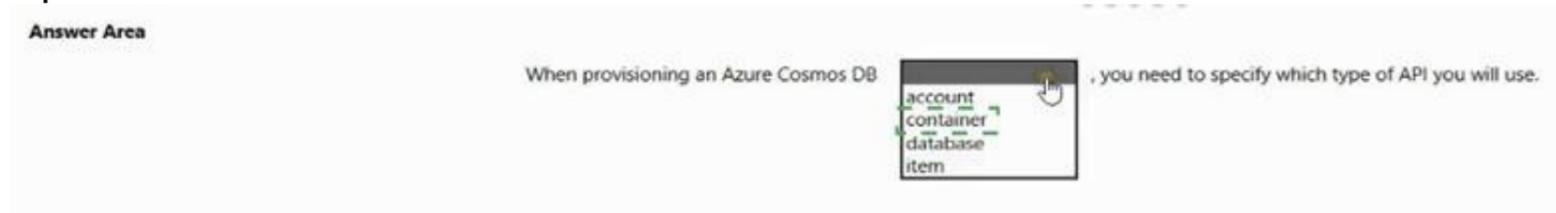
NEW QUESTION 155
HOTSPOT - (Topic 3)
You are building an app that will share user images.
You need to configure the app to meet the following requirement's
• uploaded images must be scanned and any text must be extracted from the images.
• Extracted text must be analyzed for the presence of profane language.
• The solution must minimize development effort.

what should you use for each requirement? To answer, select the apocopate opinions in the answer area.
NOTE: Each correct selection is worth one point.
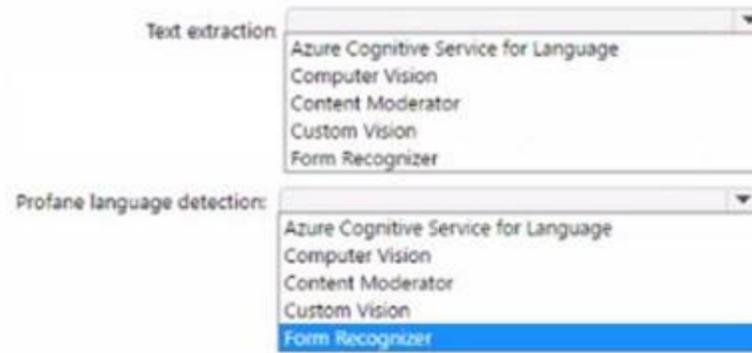
A. Mastered
B. Not Mastered

Answer: A

Explanation:

Text Extraction: b) Computer Vision
Computer Vision is a service that can analyze images and extract text from them using optical character recognition (OCR) or read API1. OCR can detect and extract printed or handwritten text from images in various languages and formats, such as PDF, TIFF, or JPEG2. Read API can perform asynchronous batch processing of text from multiple images, and can also handle text in tables, mixed languages, and rotated text3.
Profane Language Detection: c) Content Moderator
Content Moderator is a service that can detect and filter out potentially offensive or unwanted content in text, images, and videos. For text, Content Moderator can identify profane or abusive language, personal data, and custom terms that you define. You can also use Content Moderator to review and moderate the content manually or automatically using workflows.

NEW QUESTION 157
- (Topic 3)
You have an app named App1 that uses an Azure Cognitive Services model to identify anomalies in a time series data stream. You need to run App1 in a location that has limited connectivity. The solution must minimize costs. What should you use to host the model?

A. Azure Kubernetes Services (AKS)
B. a Kubernetes cluster hosted in an Azure Stack Hub integrated system
C. Azure Container instances
D. the Docker Engine

Answer: B

NEW QUESTION 159
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.

A. Mastered
B. Not Mastered

Answer: A
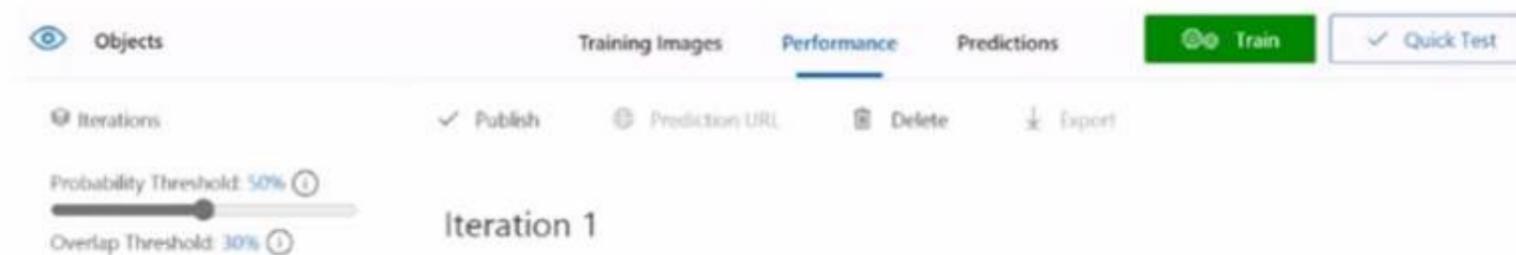
Explanation:

Answer Area

The percentage of false positives is [answer choice].

0
25
30
50
100

The value for the number of true positives divided by the total number of true positives and false negatives is [answer choice]%.

0
25
30
50
100

NEW QUESTION 160
HOTSPOT - (Topic 3)
You have a library that contains thousands of images.
You need to tag the images as photographs, drawings, or clipart.
Which service endpoint and response property should you use? To answer, select the
appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Service endpoint:
Computer Vision analyze images
Computer Vision object detection
Custom Vision image classification
Custom Vision object detection

Property:
categories
description
imageType
metadata
objects

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Service endpoint:
Computer Vision analyze images
Computer Vision object detection
Custom Vision image classification
Custom Vision object detection

Property:
categories
description
imageType
metadata
objects

NEW QUESTION 161
- (Topic 3)
You are building a social media extension that will convert text to speech. The solution must meet the following requirements:
• Support messages of up to 400 characters.
• Provide users with multiple voice options.
• Minimize costs.
You create an Azure Cognitive Services resource.
Which Speech API endpoint provides users with the available voice options?

A. https://uksouth.customvoice.apispeech.microsoft.eom/api/texttospeech/v3.0/longaudiosynt hesis/voices
B. https://uksouth.tts.speech.microsoft.conT/cognitiveservices/voices/list
C. https://uksouth.voice.speech.microsoft.com/cognitiveservices/v1?deploymentld = {deployment>
D. https://uksouth.api.cognitive.microsoft.eom/speechtotext/v3.0/models/base

Answer: B

NEW QUESTION 166
HOTSPOT - (Topic 3)
You develop an application that uses the Face API. You need to add multiple images to a person group.
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

```
Parallel.For(0, PersonCount, async i =>
{
    Guid personId = persons[i].PersonId;
    string personImageDir = $"/path/to/person/{i}/images";
    foreach (string imagePath in Directory.GetFiles(personImageDir, "*.jpg"))
    {
        using (            ▼   t = File.OpenRead(imagePath))
                  ┌──────────────┐
                  │ File         │
                  │ Stream       │
                  │ Uri          │
                  │ Url          │
                  └──────────────┘
        {
            await faceClient.PersonGroupPerson.     ▼
                                          ┌───────────────────────┐
                                          │ AddFaceFromStreamAsync │
                                          │ AddFaceFromUrlAsync    │
                                          │ CreateAsync            │
                                          │ GetAsync               │
                                          └───────────────────────┘
(personGroupId, personId, t);
        }
    }
});
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Stream
The File.OpenRead(String) method opens an existing file for reading.
Example: Open the stream and read it back. using (FileStream fs = File.OpenRead(path))
Box 2: AddFaceFromStreamAsync
Step 5 on https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-add-faces

NEW QUESTION 170
- (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 173
- (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 174
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.

| Actions		Answer Area
From the new Language service instance, import the project file.		
From the new Language service instance, enable custom text classification.		
From the new Language service instance, train and publish the project.		
From the original Language service instance, export the existing project.	⟩	
From the new Language service instance, regenerate the keys.	⟨	
From the original Language service instance, train and publish the model.		

A. Mastered
B. Not Mastered

Answer: A

Explanation:
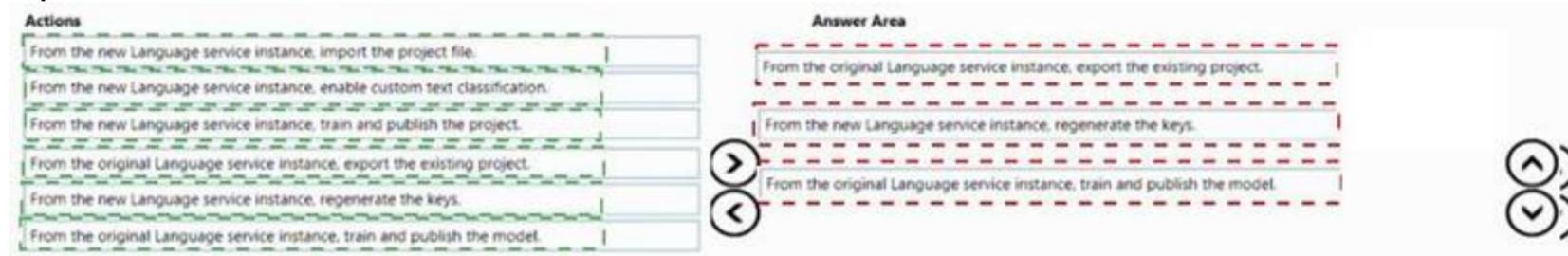
NEW QUESTION 177

- (Topic 3)
You build a language model by using Conversational Language Understanding. 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 m Ukraine.
You need to implement the phrase list in Conversational Language Understanding. Solution: You create a new utterance for each phrase in the FindContact intent.

A. Yes
B. No

Answer: B

NEW QUESTION 178

- (Topic 3)
You need to implement a table projection to generate a physical expression of an Azure Cognitive Search index.
Which three properties should you specify in the skillset definition JSON configuration table node? Each correct answer presents part of the solution. (Choose three.)
NOTE: Each correct selection is worth one point.

A. tableName
B. generatedKeyName
C. dataSource
D. dataSourceConnection
E. source

Answer: ABE

Explanation:
Defining a table projection.
Each table requires three properties:
tableName: The name of the table in Azure Storage.
generatedKeyName: The column name for the key that uniquely identifies this row. source: The node from the enrichment tree you are sourcing your enrichments from. This node is usually the output of a shaper, but could be the output of any of the skills.
Reference:
https://docs.microsoft.com/en-us/azure/search/knowledge-store-projection-overview

NEW QUESTION 181

- (Topic 3)
You have a mobile app that manages printed forms.
You need the app to send images of the forms directly to Forms Recognizer to extract relevant information. For compliance reasons, the image files must not be stored in the cloud.
In which format should you send the images to the Form Recognizer API endpoint?

A. raw image binary
B. form URL encoded
C. JSON

Answer: A

NEW QUESTION 182

- (Topic 3)
You are developing a method that uses the Computer Vision client library. The method will perform optical character recognition (OCR) in images. The method has the following code.

```
public static async Task ReadFileUrl(ComputerVisionClient client, string urlFile)
{
        const int numberOfCharsInOperationId = 36;

        var txtHeaders = await client.ReadAsync(urlFile, language: "en");

        string opLocation = textHeaders.OperationLocation;
        string operationId = opLocation.Substring(opLocation.Length -
numberOfCharsInOperationId);

        ReadOperationResult results;

        results = await client.GetReadResultAsync(Guid.Parse(operationId));

        var textUrlFileResults = results.AnalyzeResult.ReadResults;
        foreach (ReadResult page in textUrlFileResults)
        {
                foreach (Line line in page.Lines)
                {
                        Console.WriteLine(line.Text);
                }
        }
}
```

During testing, you discover that the call to the GetReadResultAsync method occurs before the read operation is complete.
You need to prevent the GetReadResultAsync method from proceeding until the read operation is complete.
Which two actions should you perform? Each correct answer presents part of the solution. (Choose two.)
NOTE: Each correct selection is worth one point.

A. Remove the Guid.Parse(operationId) parameter.
B. Add code to verify the results.Status value.
C. Add code to verify the status of the txtHeaders.Status value.
D. Wrap the call to GetReadResultAsync within a loop that contains a delay.

Answer: BD

Explanation:
Example code : do
{
results = await client.GetReadResultAsync(Guid.Parse(operationId));
}
while ((results.Status == OperationStatusCodes.Running || results.Status == OperationStatusCodes.NotStarted));
Reference:
https://github.com/Azure-Samples/cognitive-services-quickstart- code/blob/master/dotnet/ComputerVision/ComputerVisionQuickstart.cs

NEW QUESTION 183
- (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 187
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 190
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

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 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.

Actions

Register the bot with the Azure Bot Service.
Open the Bot Framework Composer.
Build and run the bot.
Open the Bot Framework Emulator.
Connect to the bot endpoint.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
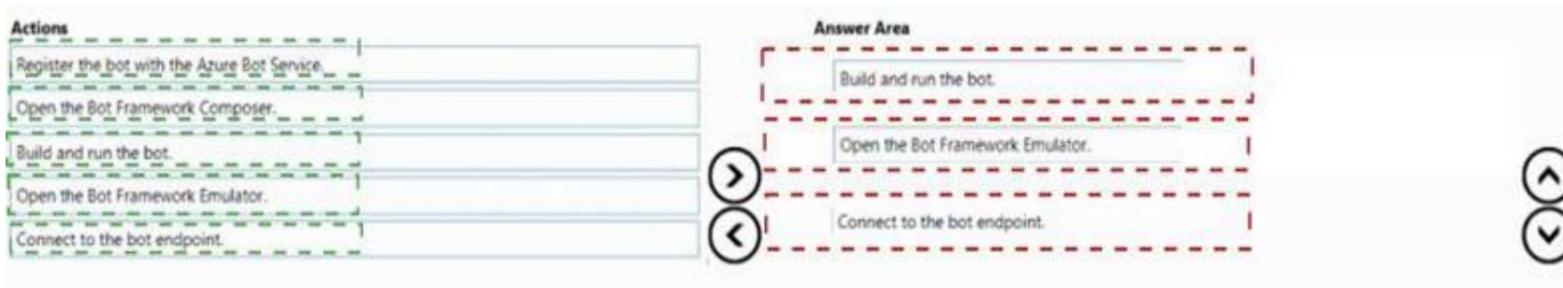
NEW QUESTION 197
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct 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 remove all the chit-chat question and answer pairs,
and then retrain and republish the model Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Removing all the chit-chat question and answer pairs from the project will not ensure that the chatbot provides formal responses to spurious questions. It will only make the chatbot unable to handle any chit-chat scenarios, which may result in a poor user experience and a loss of engagement. Instead, you should choose a chit-chat personality that matches the tone and style of your chatbot, such as Professional or Caring. You can also edit the chit-chat questions and answers to suit your specific needs, or add new ones that are not in the predefined data set12. This way, you can ensure that the chatbot responds appropriately to spurious questions, while still maintaining a conversational and engaging interaction with the user.

NEW QUESTION 201
- (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 204
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.

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 205
HOTSPOT - (Topic 3)
You are building a solution that students will use to find references for essays. You use the following code to start building the solution.

```
using Azure;
using System;
using Azure.AI.TextAnalytics;

private static readonly AzureKeyCredential credentials = new AzureKeyCredential("<key>");
private static readonly Uri endpoint = new Uri("<endpoint>");

static void EntityLinker(TextAnalyticsClient client)
{
    var response = client.RecognizeLinkedEntities(
        "Our tour guide took us up the Space Needle during our trip to Seattle last week.");
}
```

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

Answer Area

Statements	Yes	No
The code will detect the language of documents.	○	○
The url attribute returned for each linked entity will be a Bing search link.	○	○
The matches attribute returned for each linked entity will provide the location in a document where the entity is referenced.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The code will detect the language of documents.	○	⦿
The url attribute returned for each linked entity will be a Bing search link.	⦿	○
The matches attribute returned for each linked entity will provide the location in a document where the entity is referenced.	⦿	○

NEW QUESTION 210
- (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 215
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 219
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 223
- (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 227
- (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 230
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 231
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" /
```

▼	/vision/v3.1/	▼	?width=100&height=100&smartCropping=true" /
"https://api.projectoxford.ai		areaOfInterest	
"https://contoso1.cognitiveservices.azure.com		detect	
"https://westus.api.cognitive.microsoft.com		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 233
- (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 234
- (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 238
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",
            ...
    }
}
```
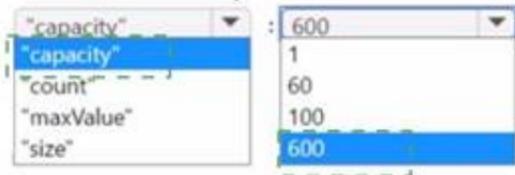
NEW QUESTION 242
- (Topic 3)
You build a Language Understanding model by using the Language Understanding portal. You export the model as a JSON file as shown in the following sample.

```
{
    "text": "average amount of rain by month at chicago last year",
    "intent": "Weather.CheckWeatherValue",
    "entities": [
        {
            "entity": "Weather.WeatherRange",
            "startPos": 0,
            "endPos": 6,
            "children": []
        },
        {
            "entity": "Weather.WeatherCondition",
            "startPos": 18,
            "endPos": 21,
            "children": []
        },
        {
            "entity": "Weather.Historic",
            "startPos": 23,
            "endPos": 30,
            "children": []
        }
    ]
}
```

To what does the Weather.Historic entity correspond in the utterance?

A. by month
B. chicago
C. rain
D. location

Answer: A

NEW QUESTION 245
DRAG DROP - (Topic 3)
You have a factory that produces cardboard packaging for food products. The factory has intermittent internet connectivity.
The packages are required to include four samples of each product.
You need to build a Custom Vision model that will identify defects in packaging and provide the location of the defects to an operator. The model must ensure that each package contains the four products.
Which project type and domain should you use? To answer, drag the appropriate options to the correct targets. Each option 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:

NEW QUESTION 247
- (Topic 2)
You are developing the chatbot.
You create the following components:
• A QnA Maker resource
• A chatbot by using the Azure Bot Framework SDK
You need to add an additional component to meet the technical requirements and the chatbot requirements. What should you add?

A. Dispatch
B. chatdown
C. Language Understanding
D. Microsoft Translator

Answer: A

Explanation:
Scenario: All planned projects must support English, French, and Portuguese.
If a bot uses multiple LUIS models and QnA Maker knowledge bases (knowledge bases), you can use the Dispatch tool to determine which LUIS model or QnA Maker knowledge base best matches the user input. The dispatch tool does this by creating a single LUIS app to route user input to the correct model.
Reference:
https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-tutorial-dispatch

NEW QUESTION 248
- (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 249
- (Topic 2)
You are developing the knowledgebase.
You use Azure Video Analyzer for Media (previously Video indexer) to obtain transcripts of webinars.

You need to ensure that the solution meets the knowledgebase requirements. What should you do?

A. Create a custom language model
B. Configure audio indexing for videos only
C. Enable multi-language detection for videos
D. Build a custom Person model for webinar presenters

Answer: B

Explanation:
Can search content in different formats, including video
Audio and video insights (multi-channels). When indexing by one channel, partial result for those models will be available.
Keywords extraction: Extracts keywords from speech and visual text.
Named entities extraction: Extracts brands, locations, and people from speech and visual text via natural language processing (NLP).

NEW QUESTION 253
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 257
DRAG DROP - (Topic 1)
You are planning the product creation project.
You need to recommend a process for analyzing videos.
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

Index the video by using the Video Indexer API.
Upload the video to blob storage.
Analyze the video by using the Computer Vision API.
Extract the transcript from Microsoft Stream.
Send the transcript to the Language Understanding API as an utterance.
Extract the transcript from the Video Indexer API.
Translate the transcript by using the Translator API.
Upload the video to file storage.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: All videos must have transcripts that are associated to the video and included in product descriptions.
Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.
Step 1: Upload the video to blob storage
Given a video or audio file, the file is first dropped into a Blob Storage. T
Step 2: Index the video by using the Video Indexer API.
When a video is indexed, Video Indexer produces the JSON content that contains details of the specified video insights. The insights include: transcripts, OCRs, faces, topics, blocks, etc.
Step 3: Extract the transcript from the Video Indexer API. Step 4: Translate the transcript by using the Translator API.

NEW QUESTION 258
HOTSPOT - (Topic 1)
You are developing the shopping on-the-go project.
You are configuring access to the QnA Maker resources.
Which role should you assign to AllUsers and LeadershipTeam? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

AllUsers:

Cognitive Service User
Contributor
Owner
QnA Maker Editor
QnA Maker Read

LeadershipTeam:

Cognitive Service User
Contributor
Owner
QnA Maker Editor
QnA Maker Read

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: QnA Maker Editor
Scenario: Provide all employees with the ability to edit Q&As.
The QnA Maker Editor (read/write) has the following permissions: Create KB API
Update KB API Replace KB API Replace Alterations "Train API" [in
new service model v5]
Box 2: Contributor
Scenario: Only senior managers must be able to publish updates. Contributor permission: All except ability to add new members to roles

NEW QUESTION 259
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