



**Microsoft**

## **Exam Questions AI-102**

Designing and Implementing an Azure AI Solution

NEW QUESTION 1

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
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings.	<input checked="" type="radio"/>	<input type="radio"/>
Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version.	<input type="radio"/>	<input checked="" type="radio"/>
All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 2

- (Topic 3)

You have an Azure IoT hub that receives series data from machinery. You need to build an app that will perform the following actions:

- Perform anomaly detection across multiple correlated sensors
- Identify the root cause of process stops.
- Send incident alerts

The solution must minimize development time. Which Azure service should you use?

- A. Azure Metrics Advisor
- B. Form Recognizer
- C. Azure Machine teaming
- D. Anomaly Detector

Answer: D

NEW QUESTION 3

HOTSPOT - (Topic 3)

You build a chatbot by using Azure OpenAI Studio.

You need to ensure that the responses are more deterministic and less creative. Which two parameters should you configure? To answer, select the appropriate parameters in the answer area.

NOTE: Each correct answer is worth one point.

Answer Area

Chat session

Clear chat View code Show raw JSON

Start chatting

Test your assistant by sending queries below. Then adjust your assistant setup to improve the assistant's responses.

Type user query here. (Shift + Enter for new line)

Configuration

Deployment Parameters

Max response 800

Temperature 0.7

Top P 0.9

Stop sequence

Frequency penalty 0

Presence penalty 0

Learn more

Current token count

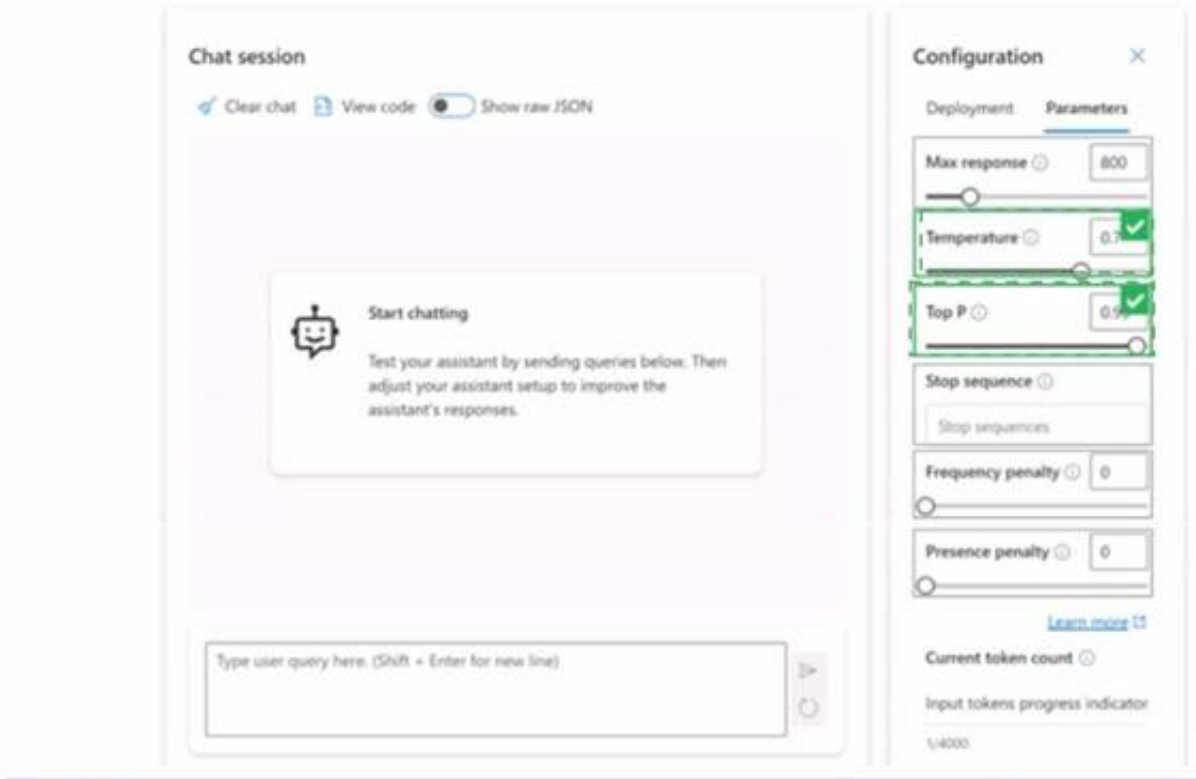
Input tokens progress indicator

1/4000

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Answer Area



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

Answer Area

Relational data is stored in

a file system as unstructured data.

a hierarchal folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Answer Area

Relational data is stored in

a file system as unstructured data.

a hierarchal folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

NEW QUESTION 5  
- (Topic 3)  
You are building a chatbot.  
You need to configure the bot to guide users through a product setup process. Which type of dialog should you use?

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

Answer: B

NEW QUESTION 6  
- (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, and you configure an IP firewall rule. Does this meet the goal?

- A. Yes
- B. No

Answer: B

**Explanation:**  
Reference:  
<https://docs.microsoft.com/en-us/azure/private-link/private-link-overview>

**NEW QUESTION 7**

HOTSPOT - (Topic 3)  
You are building a chatbot.  
You need to use the Content Moderator service to identify messages that contain sexually explicit language.  
Which section in the response from the service will contain the category score, and which category will be assigned to the message? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Answer Area

Section: 

Classification  
Classification  
pii  
Terms

Category: 

3  
1  
2  
3

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
Answer Area

Section: 

Classification  
Classification  
pii  
Terms

Category: 

3  
1  
2  
3

**NEW QUESTION 8**

- (Topic 3)  
You are building a retail kiosk system that will use a custom neural voice. You acquire audio samples and consent from the voice talent. You need to create a voice talent profile.  
What should you upload to the profile?

- A. a five-minute wav or mp3 file of the voce talent describing the kiosk system
- B. a five-minute .flac audio file and the associated transcript as a w file
- C. a .wav or mp3 file of the voice talent consenting to the creation of a synthetic version of their voice
- D. a .zip file that contains 10-second .wav files and the associated transcripts as .txt files

Answer: D

**NEW QUESTION 9**

- (Topic 3)  
You need to upload speech samples to a Speech Studio project. How should you upload the samples?

- A. Combine the speech samples into a single audio file in the .wma format and upload the file.
- B. Upload a .zip file that contains a collection of audio files in the .wav format and a corresponding text transcript file.
- C. Upload individual audio files in the FLAC format and manually upload a correspondingtranscript in Microsoft Word format.
- D. Upload individual audio files in the .wma format.

Answer: B

**Explanation:**  
To upload your data, navigate to the Speech Studio . From the portal, click Upload data to launch the wizard and create your first dataset. You'll be asked to select a speech data type for your dataset, before allowing you to upload your data.  
The default audio streaming format is WAV  
Use this table to ensure that your audio files are formatted correctly for use with Custom Speech:

Property	Value
File format	RIFF (WAV)
Sample rate	8,000 Hz or 16,000 Hz
Channels	1 (mono)
Maximum length per audio	2 hours
Sample format	PCM, 16-bit
Archive format	.zip
Maximum archive size	2 GB

Reference:  
<https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/how-to-custom-speech-test-and-train>

NEW QUESTION 10

DRAG DROP - (Topic 3)

You have a web app that uses Azure Cognitive Search.  
When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.  
You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.  
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

Add a new query key.

Regenerate the secondary admin key.

Change the app to use the secondary admin key.

Change the app to use the new key.

Regenerate the primary admin key.

Delete the compromised key.

Answer Area

<

>

↑

↓

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Add a new query key.

Regenerate the secondary admin key.

Change the app to use the secondary admin key.

Change the app to use the new key.

Regenerate the primary admin key.

Delete the compromised key.

Answer Area

Add a new query key.

Change the app to use the new key.

Delete the compromised key.

<

>

↑

↓

NEW QUESTION 10

- (Topic 3)

You have a Video Indexer service that is used to provide a search interface over company videos on your company's website.

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visit - <https://www.certshared.com>



You need to be able to search for videos based on who is present in the video. What should you do?

- A. Create a person model and associate the model to the videos.
- B. Create person objects and provide face images for each object.
- C. Invite the entire staff of the company to Video Indexer.
- D. Edit the faces in the videos.
- E. Upload names to a language model.

**Answer:** A

**Explanation:**

Video Indexer supports multiple Person models per account. Once a model is created, you can use it by providing the model ID of a specific Person model when uploading/indexing or reindexing a video. Training a new face for a video updates the specific custom model that the video was associated with.  
 Note: Video Indexer supports face detection and celebrity recognition for video content. The celebrity recognition feature covers about one million faces based on commonly requested data source such as IMDB, Wikipedia, and top LinkedIn influencers. Faces that aren't recognized by the celebrity recognition feature are detected but left unnamed. Once you label a face with a name, the face and name get added to your account's Person model. Video Indexer will then recognize this face in your future videos and past videos.  
 Reference:  
<https://docs.microsoft.com/en-us/azure/media-services/video-indexer/customize-person-model-with-api>

**NEW QUESTION 12**

- (Topic 3)

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

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

**Answer:** D

**NEW QUESTION 13**

HOTSPOT - (Topic 3)

You have an Azure Cognitive Search resource named Search 1 that is used by multiple apps You need to secure Search 1. The solution must meet the following requirements:

- Prevent access to Search1 from the internet.
- Limit the access of each app to specific queries

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

**Answer Area**

To prevent access from the internet:

- Create a private endpoint.
- Configure an IP firewall.
- Create a private endpoint.
- Use Azure roles.

To limit access to queries:

- Use Azure roles.
- Create a private endpoint.
- Use Azure roles.
- Use key authentication.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

To prevent access from the internet:

- Create a private endpoint.
- Configure an IP firewall.
- Create a private endpoint.
- Use Azure roles.

To limit access to queries:

- Use Azure roles.
- Create a private endpoint.
- Use Azure roles.
- Use key authentication.

**NEW QUESTION 16**

- (Topic 3)

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

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

You have an Azure Cognitive Search service.

During the past 12 months, query volume steadily increased.

You discover that some search query requests to the Cognitive Search service are being throttled.

You need to reduce the likelihood that search query requests are throttled. Solution: You enable customer-managed key (CMK) encryption.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

Customer-managed key (CMK) encryption does not affect throttling.

Instead, you could migrate to a Cognitive Search service that uses a higher tier.

Note: A simple fix to most throttling issues is to throw more resources at the search service (typically replicas for query-based throttling, or partitions for indexing-based throttling). However, increasing replicas or partitions adds cost, which is why it is important to know the reason why throttling is occurring at all.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-performance-analysis>

**NEW QUESTION 18**

- (Topic 3)

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

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

**Answer: A**

**NEW QUESTION 19**

- (Topic 3)

You are designing a conversational interface for an app that will be used to make vacation requests. The interface must gather the following data:

- The start date of a vacation
- The end date of a vacation
- The amount of required paid time off

The solution must minimize dialog complexity. Which type of dialog should you use?

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

**Answer: D**

**NEW QUESTION 22**

- (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 SQL Database
- C. Azure HDInsight
- D. Azure Cosmos DB

**Answer: B**

**NEW QUESTION 25**

- (Topic 3)

What should you use to automatically delete blobs from Azure Blob Storage?

- A. the change feed
- B. a lifecycle management policy
- C. soft delete
- D. archive storage

**Answer: D**

**NEW QUESTION 30**

- (Topic 3)

You are developing an app that will use the Decision and Language APIs.

You need to provision resources for the app. The solution must ensure that each service is accessed by using a single endpoint and credential.

Which type of resource should you create?

- A. Language
- B. Speech
- C. Azure Cognitive Services

D. Content Moderator

**Answer:** C

### NEW QUESTION 32

- (Topic 3)

You build a conversational bot named bot1.

You need to configure the bot to use a QnA Maker application.

From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

- A. Access control (IAM)
- B. Properties
- C. Keys and Endpoint
- D. Identity

**Answer:** C

#### Explanation:

Obtain values to connect your bot to the knowledge base 1. In the QnA Maker site, select your knowledge base. 2. With your knowledge base open, select the SETTINGS tab. Record the value shown for service name. This value is useful for finding your knowledge base of interest when using the QnA Maker portal interface. It's not used to connect your bot app to this knowledge base. 3. Scroll down to find Deployment details and record the following values from the Postman sample HTTP request: 4. POST /knowledgebases/<knowledge-base-id>/generateAnswer 5. Host: <your-host-url> 6. Authorization: EndpointKey <your-endpoint-key>

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-qna>

### NEW QUESTION 36

HOTSPOT - (Topic 3)

You are building a bot and that will use Language Understanding. You have a LUDown file that contains the following content.

```
## Confirm
- confirm
- ok
- yes

## ExtractName
- call me steve !
- i am anna
- (i'm|i am) {@PersonName.Any}[.]
- my name is {@PersonName.Any}[.]

## Logout
- forget me
- log out

## SelectItem
- choose last
- choose the {@DirectionalReference=bottom left}
- choose {@DirectionalReference=top right}
- i like {@DirectionalReference=left} one

## SelectNone
- none

@ ml DirectionalReference
@ prebuilt personName
```

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.

SelectItem is [answer choice].

▼

- a domain
- an entity
- an intent
- an utterance

Choose {@DirectionalReference=top right} is [answer choice].

▼

- a domain
- an entity
- an intent
- an utterance



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

SelectItem is [answer choice].

a domain
an entity
an intent
an utterance

Choose {@DirectionalReference=top right} is [answer choice].

a domain
an entity
an intent
an utterance

#### NEW QUESTION 40

- (Topic 3)

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

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

You build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.

A conversational expert provides you with the following list of phrases to use for training.

Find contacts in London. Who do I know in Seattle? Search for contacts in Ukraine.

You need to implement the phrase list in Language Understanding. Solution: You create a new intent for location.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

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

#### NEW QUESTION 42

- (Topic 3)

What are 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 47

- (Topic 3)

You have an Azure subscription that contains an Anomaly Detector resource. You deploy a Docker host server named Server 1 to the on-premises network. You need to host an instance of the Anomaly Detector service on Server 1. Which parameter should you include in the docker run command?

- A. Fluentd
- B. Billing
- C. Http Proxy
- D. Mounts

**Answer:** B

#### NEW QUESTION 52

DRAG DROP - (Topic 3)

You have a collection of Microsoft Word documents and PowerPoint presentations in German.

You need to create a solution to translate the file to French. The solution must meet the following requirements:

\* Preserve the original formatting of the files.

\* Support the use of a custom glossary.

You create a blob container for German files and a blob container for French files. You upload the original files to the container for German files.

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

Actions

Perform an asynchronous translation by using the list of files to be translated.

Upload a glossary file to the container for German files.

Upload a glossary file to the container for French files.

Generate a list of files to be translated.

Define a document translation specification that has a French target.

Perform an asynchronous translation by using the document translation specification.

Answer Area

⬆

⬆

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Perform an asynchronous translation by using the list of files to be translated.

Upload a glossary file to the container for German files.

Upload a glossary file to the container for French files.

Generate a list of files to be translated.

Define a document translation specification that has a French target.

Perform an asynchronous translation by using the document translation specification.

Answer Area

Generate a list of files to be translated.

Define a document translation specification that has a French target.

Perform an asynchronous translation by using the document translation specification.

NEW QUESTION 56

- (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 57

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

BotTourDialog > GetWeather

GetWeather

Intent recognized

↓

Send a response

↓

\$(SendActivity\_SuggestedGetWeatherContent())

↓

Show code

GetWeather

Intent recognized

Actions to perform when specified intent is recognized.

Add a note

Trigger phrases

+ Add entity - Insert entity -

- please tell me the weather

- what is the weather like in {city=Seattle}

@ ml city

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 62

- (Topic 3)

You need to develop a solution to provide data to executives. The solution must provide an interactive graphical interface, depict various key performance indicators, and support data exploration by using drill down. What should you use in Microsoft Power BI?

- A. a report
- B. Microsoft Power Apps
- C. a view
- D. a dataflow

**Answer:** C

## NEW QUESTION 67

- (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 71

- (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 72

- (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 74

- (Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 78

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

Varying fields for each entity in a JSON document is an example of

relational data.

semi-structured data.

structured data.

unstructured data.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Varying fields for each entity in a JSON document is an example of

relational data.

semi-structured data.

structured data.

unstructured data.

#### NEW QUESTION 80

- (Topic 3)

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

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

**Answer:** A

**Explanation:**

The Computer Vision API uses text recognition APIs to extract and recognize text information from images. Read uses the latest recognition models, and is optimized for large, text-heavy documents and noisy images.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/solution-ideas/articles/cognitive-search-with-skillsets>

#### NEW QUESTION 83

- (Topic 3)

You have a Language Understanding resource named lu1. You build and deploy an Azure bot named bot1 that uses lu1. You need to ensure that bot1 adheres to the Microsoft responsible AI principle of inclusiveness. How should you extend bot1?

- A. Implement authentication for bot1.
- B. Enable active learning for lu1.
- C. Host lu1 in a container.
- D. Add Direct Line Speech to bot1.

**Answer:** D

**Explanation:**

Inclusiveness: AI systems should empower everyone and engage people.

Direct Line Speech is a robust, end-to-end solution for creating a flexible, extensible voice assistant. It is powered by the Bot Framework and its Direct Line Speech channel, that is optimized for voice-in, voice-out interaction with bots.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/direct-line-speech>

#### NEW QUESTION 85

- (Topic 3)

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

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



D. Univariate Anomaly Detection

Answer: C

NEW QUESTION 90

- (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 94

- (Topic 3)

You train a Conversational Language Understanding model to understand the natural language input of users. You need to evaluate the accuracy of the model before deploying it. What are two methods you can use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. From the language authoring REST endpoint, retrieve the model evaluation summary.
- B. From Language Studio, enable Active Learning, and then validate the utterances logged for review.
- C. From Language Studio, select Model performance.
- D. From the Azure portal, enable log collection in Log Analytics, and then analyze the logs.

Answer: AC

NEW QUESTION 99

- (Topic 3)

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

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

Answer: D

Explanation:

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

NEW QUESTION 104

- (Topic 3)

You need to store event log data that is semi-structured and received as the logs occur. What should you use?

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

Answer: A

NEW QUESTION 106

HOTSPOT - (Topic 3)

You are developing a text processing solution. You have the function shown below.

Answer Area		
Statements	Yes	No
The output will include the following words: our and included.	<input type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The output will include the following words: our and included.	<input checked="" type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input checked="" type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 108

- (Topic 3)

You have a 20-GB file named file1, avi that is stored on a local drive. You need to index file1, avi by using the Azure Video indexer website. What should you do first?

- A. Upload File1 avi to an Azure storage queue.
- B. upload File1.avi to the www.youtube.com seepage
- C. Upload file1 avi to the Azure video indexer website.
- D. Upload file1 avi to Microsoft OneDrive.

Answer: D

Explanation:

This is because the Azure Video Indexer website allows you to upload videos from a URL or from your file system, but there are some limitations and considerations for each option1.

If you upload from your file system, the size of the file is limited to 2 GB, which is less than the size of file1.avi (20 GB). Therefore, this option is not feasible.

If you upload from a URL, the size of the file is limited to 30 GB, which is enough for file1.avi. However, the URL must be publicly accessible and valid, and the file must be accessible. You cannot use URLs from streaming services such as YouTube1. Therefore, options A and B are not valid.

The best option is to upload file1.avi to a cloud storage service such as Microsoft OneDrive, and then generate a shareable link for the file. You can then paste the link in the

Azure Video Indexer website and upload the video from the URL. This way, you can avoid the file size limitation and ensure that the file is accessible and valid2.

NEW QUESTION 109

HOTSPOT - (Topic 3)

You have an Azure subscription that has the following configurations:

- Subscription ID: 8d3591aa-96b8-4737-ad09-00f9b1ed35ad
- Tenant ID: 3edfe572-cb54-3ced-ae12-c5c177f39a12

You plan to create a resource that will perform sentiment analysis and optical character recognition (OCR).

You need to use an HTTP request to create the resource in the subscription. The solution must use a single key and endpoint.

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

NOTE: Each correct selection is worth one point.

Answer Area

https://management.azure.com/

subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12

subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12

tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

/resourceGroups/OCRProject/providers/

Microsoft.CognitiveServices

Microsoft.ApiManagement

Microsoft.CognitiveServices

Microsoft.ContainerService

Microsoft.KeyVault

/accounts/CS1?api-version=2021-10-01

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

https://management.azure.com/

subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12

subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12

tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

/resourceGroups/OCRProject/providers/

Microsoft.CognitiveServices

Microsoft.ApiManagement

Microsoft.CognitiveServices

Microsoft.ContainerService

Microsoft.KeyVault

/accounts/CS1?api-version=2021-10-01

NEW QUESTION 111

- (Topic 3)

You plan to provision a QnA Maker service in a new resource group named RG1. In RG1, you create an App Service plan named AP1.

Which two Azure resources are automatically created in RG1 when you provision the QnA Maker service? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

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

**Answer:** DE

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/set-up-qnamaker-service-azure?tabs=v1#delete-azure-resources>

"When you create a QnAMaker resource, you host the data in your own Azure subscription. Azure Search is used to index your data." & "When you create a QnAMaker resource, you host the runtime in your own Azure subscription. App Service is the compute engine that runs the QnA Maker queries for you."

**NEW QUESTION 113**

- (Topic 3)

You are building a Chatbot by using the Microsoft Bot Framework SDK. The bot will be used to accept food orders from customers and allow the customers to customize each food item. You need to configure the bot to ask the user for additional input based on the type of item ordered. The solution must minimize development effort. Which two types of dialogs should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. adaptive
- B. action
- C. waterfall
- D. prompt
- E. input

**Answer:** BC

**NEW QUESTION 118**

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"
    };

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

    using var audioConfig = AudioConfig.FromDefaultMicrophoneInput();
    using var recognizer = new (config, audioConfig);

    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 120

DRAG DROP - (Topic 3)

You have a Custom Vision resource named acvdev in a development environment. You have a Custom Vision resource named acvprod in a production environment.

In acvdev, you build an object detection model named obj1 in a project named proj1. You need to move obj1 to acvprod.

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

Use the ExportProject endpoint on acvdev.

Use the GetProjects endpoint on acvdev.

Use the ImportProject endpoint on acvprod.

Use the ExportIteration endpoint on acvdev.

Use the GetIterations endpoint on acvdev.

Use the UpdateProject endpoint on acvprod.

Answer Area

⬅

➡

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Use the ExportProject endpoint on acvdev.

Use the GetProjects endpoint on acvdev.

Use the ImportProject endpoint on acvprod.

Use the ExportIteration endpoint on acvdev.

Use the GetIterations endpoint on acvdev.

Use the UpdateProject endpoint on acvprod.

Answer Area

Use the GetProjects endpoint on acvdev.

Use the ExportProject endpoint on acvdev.

Use the ImportProject endpoint on acvprod.

NEW QUESTION 125

- (Topic 3)

You are developing a solution to generate a word cloud based on the reviews of a company’s products.

Which Text Analytics REST API endpoint should you use?

- A. keyPhrases
- B. sentiment
- C. languages
- D. entities/recognition/general

Answer: A

Explanation:

Reference:  
<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/overview>

NEW QUESTION 127

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:**



#### NEW QUESTION 130

- (Topic 3)

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

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

**Answer:** A

**Explanation:**

An ML entity can be composed of smaller sub-entities, each of which can have its own properties. For example, Address could have the following structure:

Address: 4567 Main Street, NY, 98052, USA Building Number: 4567

Street Name: Main Street State: NY

Zip Code: 98052 Country: USA

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-entity-types>

#### NEW QUESTION 135

- (Topic 3)

You have the following data sources:

? Finance: On-premises Microsoft SQL Server database

? Sales: Azure Cosmos DB using the Core (SQL) API

? Logs: Azure Table storage

? HR: Azure SQL database

You need to ensure that you can search all the data by using the Azure Cognitive Search REST API. What should you do?

- A. Configure multiple read replicas for the data in Sales.
- B. Mirror Finance to an Azure SQL database.
- C. Migrate the data in Sales to the MongoDB API.
- D. Ingest the data in Logs into Azure Sentinel.

**Answer:** B

**Explanation:**

On-premises Microsoft SQL Server database cannot be used as an index data source. Note: Indexer in Azure Cognitive Search: : Automate aspects of an indexing operation by

configuring a data source and an indexer that you can schedule or run on demand. This feature is supported for a limited number of data source types on Azure.

Indexers crawl data stores on Azure.

? Azure Blob Storage

? Azure Data Lake Storage Gen2 (in preview)

? Azure Table Storage

? Azure Cosmos DB

? Azure SQL Database

? SQL Managed Instance

? SQL Server on Azure Virtual Machines

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-indexer-overview#supported-data-sources>

#### NEW QUESTION 139

- (Topic 3)

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

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

You have a chatbot that uses question answering in Azure Cognitive Service for Language Users report that the responses of the chatbot lack formality when answering spurious questions

You need to ensure that the chatbot provides formal responses to spurious questions. Solution: From Language Studio, you change the chitchat source to qna\_chitchit\_friendly.tsv. and then retrain and republish the model. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 140

- (Topic 3)

You plan to perform predictive maintenance.

You collect IoT sensor data from 100 industrial machines for a year. Each machine has 50 different sensors that generate data at one-minute intervals. In total, you have 5,000 time series datasets.

You need to identify unusual values in each time series to help predict machinery failures. Which Azure Cognitive Services service should you use?

- A. Anomaly Detector
- B. Cognitive Search
- C. Form Recognizer
- D. Custom Vision

**Answer:** A

#### NEW QUESTION 142

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]
```

bot: I can help you with that! Let me see what I can find.

bot: Here's what I found.

bot:

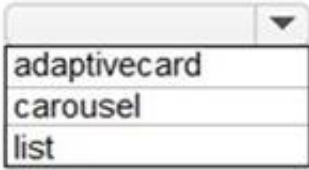
```
[AttachmentLayout=  ]
```

```
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
```

```
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
```

user: I like the first one.

bot: Sure, pulling up more information.

```
bot: [Attachment=cards\watchProfileCard.json  ]
```

user: That's nice! Thank you.

bot: Sure, you are most welcome!

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```
user=User1
bot=watchbot
user: I want a new watch.
bot: [ Attachment
      ConversationUpdate
      Typing ][Delay=3000]
bot: I can help you with that! Let me see what I can find.
bot: Here's what I found.
bot:
[AttachmentLayout= adaptivecard
                  carousel
                  thumbnail
[Attachment=https://contoso.blob.core.windows.net/watch01.jpg]
[Attachment=https://contoso.blob.core.windows.net/watch02.jpg]
user: I like the first one.
bot: Sure, pulling up more information.
bot: [Attachment=cards\watchProfileCard.json
user: That's nice! Thank you.
bot: Sure, you are most welcome!
      adaptivecard
      carousel
      list
```

**NEW QUESTION 143**  
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.

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input type="radio"/>
Normalizing a database reduces data redundancy.	<input type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Normalization involves eliminating relationships between database tables.	<input type="radio"/>	<input checked="" type="radio"/>
Normalizing a database reduces data redundancy.	<input checked="" type="radio"/>	<input type="radio"/>
Normalization improves data integrity.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 148**  
HOTSPOT - (Topic 3)  
You are building an Azure web app named App1 that will translate text from English to Spanish.  
You need to use the Text Translation REST API to perform the translation. The solution must ensure that you have data sovereignty in the United States.  
How should you complete the URI? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Answer Area

https://

api-nam.cognitive.microsofttranslator.com

api.cognitive.microsofttranslator.com

api-nam.cognitive.microsofttranslator.com

api-nam.cognitiveservices.azure.com

eastus.api.cognitive.microsoft.com

/

translate

detect

languages

text-to-speech

translate

?api-version=3.0&to=es

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- \* 1. api-nam.cognitive.microsofttranslator.com
- \* 2. translate

<https://learn.microsoft.com/en-us/azure/cognitive-services/Translator/reference/v3-0-reference#base-urls>

Requests to Translator are, in most cases, handled by the datacenter that is closest to where the request originated. If there's a datacenter failure when using the global endpoint, the request may be routed outside of the geography.

To force the request to be handled within a specific geography, use the desired geographical endpoint. All requests are processed among the datacenters within the geography.

- United States

[api-nam.cognitive.microsofttranslator.com](https://api-nam.cognitive.microsofttranslator.com)

<https://learn.microsoft.com/en-us/azure/cognitive-services/translator/reference/rest-api-guide-translate>

Translate specified source language text into the target language text.

#### NEW QUESTION 151

- (Topic 3)

What is a characteristic of a non-relational database?

- A. full support for Transact-SQL
- B. a fixed schema
- C. self describing entities

**Answer:** C

#### NEW QUESTION 156

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.	<input type="radio"/>	<input type="radio"/>
The text content was recognized with greater than 70 percent confidence.	<input type="radio"/>	<input type="radio"/>
The form elements were recognized with greater than 70 percent confidence.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

#### Answer Area

##### Statements

The chosen model is suitable for the intended use case.

Yes

☐

No

☒

The text content was recognized with greater than 70 percent confidence.

☒
☐

The form elements were recognized with greater than 70 percent confidence.

☐
☒

#### NEW QUESTION 159

- (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 FormRecognizerClient client and the StartRecognizeReceiptsFromUri method
- B. the FormTrainingClient client and the StartRecognizeContentFromUri method
- C. the FormRecognizerClient client and the StartRecognizeReceiptsFromUri method
- D. the FormTrainingClient client and the StartRecognizeReceiptsFromUri 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(receiptUri)).WaitForCompletionAsync();
```

Reference:

<https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/quickstarts/client-library>

#### NEW QUESTION 161

- (Topic 3)

You have an Azure Cognitive Search solution and a collection of handwritten letters stored as JPEG files.

You plan to index the collection. The solution must ensure that queries can be performed on the contents of the letters.

You need to create an indexer that has a skillset. Which skill should you include?

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

**Answer: B**

#### NEW QUESTION 165

- (Topic 3)

You are building a Language Understanding model for an e-commerce chatbot. Users can speak or type their billing address when prompted by the chatbot.

You need to construct an entity to capture billing addresses. Which entity type should you use?

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

**Answer: B**

#### Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-entity-types>

ML Entity with Structure

An ML entity can be composed of smaller sub-entities, each of which can have its own properties. For example, Address could have the following structure:

Address: 4567 Main Street, NY, 98052, USA Building Number: 4567

Street Name: Main Street State: NY

Zip Code: 98052 Country: USA

#### NEW QUESTION 167

- (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 in User

Messages has a field named MessageCopy that contains the text of social media messages sent by a user

Users will 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.

Which attributes should you enable for the field?

- A. Searchable and Retrievable
- B. Sortable and Retrievable
- C. Searchable and Facetable

D. Filterable and Retrievable

Answer: A

### NEW QUESTION 170

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 <code>http://localhost:5000/status</code> will query the Azure endpoint to verify whether the API key used to start the container is valid.	<input type="radio"/>	<input type="radio"/>
The container logging provider will write log data.	<input type="radio"/>	<input type="radio"/>
Going to <code>http://localhost:5000/swagger</code> will provide the details to access the documentation for the available endpoints.	<input type="radio"/>	<input type="radio"/>

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 174

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
<code>\${user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input type="radio"/>
<code>Greet()</code> is the name of the language generation template.	<input type="radio"/>	<input type="radio"/>
<code>\${Greeting() }</code> is a reference to a template in the language generation file.	<input type="radio"/>	<input type="radio"/>

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 177

- (Topic 3)

You are building a flight booking bot by using the Microsoft Bot Framework SDK.

The bot will ask users for their departure date. The bot must repeat the question until a valid date is given, or the users cancel the transaction.

Which type of dialog should you use?

- A. prompt
- B. action
- C. waterfall
- D. adaptive

**Answer:** A

#### NEW QUESTION 180

- (Topic 3)

You have a text-based chatbot.

You need to enable content moderation by using the Text Moderation API of Content Moderator. Which two service responses should you use? Each correct answer presents part of the solution NOTE: Each correct selection is worth one point.

- A. the adult classification score
- B. optical character recognition (OCR)
- C. personal data
- D. text classification
- E. the racy classification score

**Answer:** AD

#### NEW QUESTION 184

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area



a stored procedure.

a table.

a view.

an index.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer Area



a stored procedure.]

a table.

a view.

an index.

#### NEW QUESTION 187

- (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 191

- (Topic 3)

You have an Azure Cognitive Search solution and a collection of blog posts that include a category field. You need to index the posts. The solution must meet the following requirements:



- Include the category field in the search results.
- Ensure that users can search for words in the category field.
- Ensure that users can perform drill down filtering based on category. Which index attributes should you configure for the category field?

- A. searchable, facetable, and retrievable  
B. retrievable, filterable, and sortable  
C. retrievable, facetable, and key  
D. searchable, sortable, and retrievable

Answer: B

NEW QUESTION 194

DRAG DROP - (Topic 3)

You are building an app that will scan confidential documents and use the Language service to analyze the contents. You provision an Azure Cognitive Services resource. You need to ensure that the app can make requests to the Language service endpoint. The solution must ensure that confidential documents remain on-premises. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Pull an image from Docker Hub.

Provision an on-premises Kubernetes cluster that has internet connectivity.

Provision an Azure Kubernetes Service (AKS) resource.

Run the container and specify an App ID and Client Secret.

Provision an on-premises Kubernetes cluster that is isolated from the internet.

Pull an image from the Microsoft Container Registry (MCR).

Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

>

<

Answer Area

<

>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Actions

Pull an image from Docker Hub.

Provision an on-premises Kubernetes cluster that has internet connectivity.

Provision an Azure Kubernetes Service (AKS) resource.

Run the container and specify an App ID and Client Secret.

Provision an on-premises Kubernetes cluster that is isolated from the internet.

Pull an image from the Microsoft Container Registry (MCR).

Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

>

<

Answer Area

Provision an on-premises Kubernetes cluster that is isolated from the internet.

Pull an image from the Microsoft Container Registry (MCR).

Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

<

>

NEW QUESTION 195

- (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 private endpoint to vnet1. Does this meet the goal?

- A. Yes  
B. No

Answer: A

Explanation:

A private endpoint is a network interface that uses a private IP address from your virtual network. This network interface connects you privately and securely to a service powered by Azure Private Link. By enabling a private endpoint, you're bringing the service into your virtual network. The service could be an Azure service such as:  
? Azure Storage  
? Azure Cosmos DB  
? Azure SQL Database  
? Your own service using a Private Link Service.  
Reference:  
<https://docs.microsoft.com/en-us/azure/private-link/private-endpoint-overview>

NEW QUESTION 196

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 faceld, to search the similar-looking faces from a faceld array, a face list or a large face list. A "faceListId" is created by FaceList - Create containing persistedFacelds that will not expire. And a "largeFaceListId" is created by LargeFaceList - Create containing persistedFacelds that will also not expire.

**NEW QUESTION 198**  
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

Amsterdam

SFO

AMS

San Francisco

Amsterdam

SFO

AMS

Non-Stop

Fri, Jun 2, 2017 11:55 PM

San Francisco

Amsterdam

SFO

AMS

San Francisco

Amsterdam

SFO

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 202

- (Topic 3)

You are building a chatbot.

You need to configure the chatbot to query a knowledge base. Which dialog class should you use?

- A. AdaptiveDialog
- B. QnAMakerDialog
- C. ComponentDialog
- D. SkillDialog

**Answer:** B

## NEW QUESTION 206

- (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 209

- (Topic 3)

You are building a solution that will detect anomalies in sensor data from the previous 24 hours.

You need to ensure that the solution scans the entire dataset, at the same time, for anomalies.

Which type of detection should you use?

- A. batch
- B. streaming
- C. change point

**Answer:** A

### Explanation:

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

#### NEW QUESTION 212

- (Topic 3)

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

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

You have an Azure Cognitive Search service.

During the past 12 months, query volume steadily increased.

You discover that some search query requests to the Cognitive Search service are being throttled.

You need to reduce the likelihood that search query requests are throttled. Solution: You add indexes.

Does this meet the goal?

A. Yes

B. No

**Answer:** B

#### Explanation:

Instead, you could migrate to a Cognitive Search service that uses a higher tier.

Note: A simple fix to most throttling issues is to throw more resources at the search service (typically replicas for query-based throttling, or partitions for indexing-based throttling). However, increasing replicas or partitions adds cost, which is why it is important to know the reason why throttling is occurring at all.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-performance-analysis>

#### NEW QUESTION 213

- (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 214

- (Topic 3)

You have an app that analyzes images by using the Computer Vision API.

You need to configure the app to provide an output for users who are vision impaired. The solution must provide the output in complete sentences.

Which API call should you perform?

A. readInputStreamAsync

B. describeImageInStreamAsync

C. toggleImageInStreamAsync

D. analyzeImageByDomainInStreamAsync

**Answer:** D

#### NEW QUESTION 217

- (Topic 3)

You are building a chatbot that will use question answering in Azure Cognitive Service for Language.

You have a PDF named Doc1.pdf that contains a product catalogue and a price list. You upload Doc1.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 222

- (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 Vision
- 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 224**

- (Topic 3)

You need to measure the public perception of your brand on social media messages. Which Azure Cognitive Services service should you use?

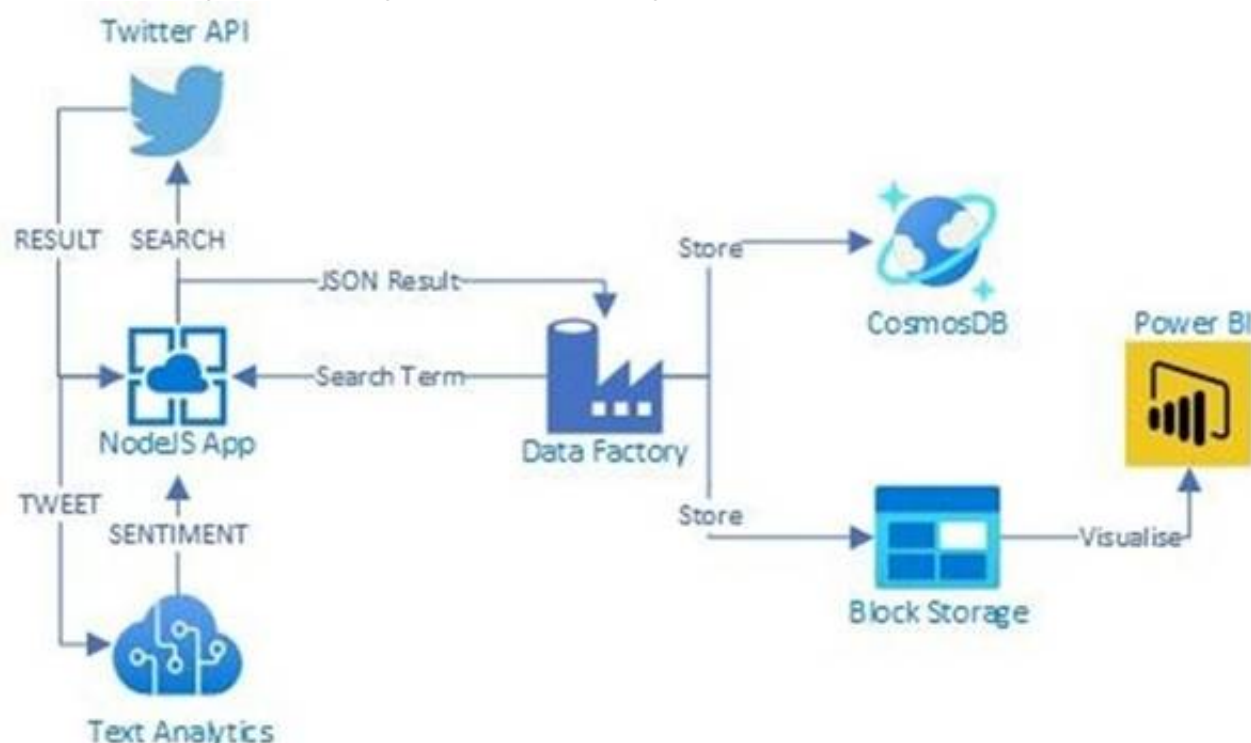
- A. Text Analytics
- B. Content Moderator
- C. Computer Vision
- D. Form Recognizer

**Answer:** A

**Explanation:**

Text Analytics Cognitive Service could be used to quickly determine the public perception for a specific topic, event or brand.

Example: A NodeJS app which pulls Tweets from Twitter using the Twitter API based on a specified search term. Then pass these onto Text Analytics for sentiment scoring before storing the data and building a visualisation in PowerBI. The Architecture looked something like this:



Reference:

<https://www.linkedin.com/pulse/measuring-public-perception-azure-cognitive-services- steve-dalai>

**NEW QUESTION 225**

- (Topic 3)

You are building a bot by using Microsoft Bot Framework.

You need to configure the bot to respond to spoken requests. The solution must minimize development effort.

What should you do?

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

**Answer:** B

**NEW QUESTION 227**

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.

AskForName > BeginDialog > Text

Show code

BeginDialog

Begin dialog event

Bot Asks (Text)

What is your name?

User Input (Text)

user.name = Input(Text)

Bot Asks (Number)

Hello \$(user.name), how old are you?

User Input (Number)

user.age = Input(Number)

Property ⓘ

string

username

Output Format ⓘ

string

ex. =toUpper(this.value), \$(toUpper(this.value))

Value ⓘ

expression

fx =coalesce(@user.Name.@personName)

Expected responses (intent: #TextInput\_Response\_GH5FTe)

>

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.	<input type="radio"/>	<input type="radio"/>
	The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input type="radio"/>	<input type="radio"/>
	The chatbot attempts to take the first non-null entity value for userName or personName and assigns the value to user.name.	<input type="radio"/>	<input type="radio"/>

- 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 231

HOTSPOT - (Topic 3)  
You plan to deploy a containerized version of an Azure Cognitive Services service that will be used for text analysis.  
You configure https://contoso.cognitiveservices.azure.com as the endpoint URI for the service, and you pull the latest version of the Text Analytics Sentiment Analysis container.  
You need to run the container on an Azure virtual machine by using Docker.  
How should you complete the command? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

```
docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment
Eula=accept \
Billing=
  http://contoso.blob.core.windows.net
  https://contoso.cognitiveservices.azure.com
  mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
  mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment
ApiKey=xxxxxxxxxxxxxxxxxxxxxx
```

- A. Mastered  
 B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

To run the Sentiment Analysis v3 container, execute the following docker run command. docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \ mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment \ Eula=accept \

Billing={ENDPOINT\_URI} \

ApiKey={API\_KEY} is the endpoint for accessing the Text Analytics API. https://<your- custom-subdomain>.cognitiveservices.azure.com

Box 2: https://contoso.cognitiveservices.azure.com

{ENDPOINT\_URI} is the endpoint for accessing the Text Analytics API: https://<your- custom-subdomain>.cognitiveservices.a The endpoint for accessing the Text Analytics API. zure.com

**NEW QUESTION 235**

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,
AnalyzeResult result = operation.Value;
foreach (DocumentStyle style in result.Styles)
{
    bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;
    if (isHandwritten && style.Confidence > 0.75 )
    {
        Console.WriteLine($"Handwritten content found:");
        foreach (DocumentSpan span in style.Spans)
        {
            Console.WriteLine($" Content: {result.Content.Substring(span.Index, span.Length)}");
        }
    }
}
```

prebuilt-document, fileUri);  
 prebuilt-document,   
 prebuilt-contract,   
 prebuilt-read,

0.75  
 0.1  
 0.75  
 1.0

- A. Mastered  
 B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

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

AnalyzeDocumentOperation operation = await client.AnalyzeDocumentFromUriAsync(WaitUntil.Completed,
AnalyzeResult result = operation.Value;

foreach (DocumentStyle style in result.Styles)
{
    bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;

    if (isHandwritten && style.Confidence > 0.75 )
    {

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

        foreach (DocumentSpan span in style.Spans)
        {
            Console.WriteLine($" Content: {result.Content.Substring(span.Index, span.Length)}");
        }
    }
}
```

prebuilt-document
prebuilt-document
prebuilt-contract
prebuilt-read

0.75
0.1
0.75
1.0

NEW QUESTION 236

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

In an infrastructure as a service (IaaS) instance of Microsoft SQL Server on Azure, you manage the

elastic pool
MySQL server
PostgreSQL server
virtual machine

that hosts SQL Server.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

In an infrastructure as a service (IaaS) instance of Microsoft SQL Server on Azure, you manage the

elastic pool
MySQL server
PostgreSQL server
virtual machine

that hosts SQL Server.

NEW QUESTION 237

DRAG DROP - (Topic 3)

You have an Azure subscription that contains an Azure OpenA1 resource named AH. You plan to build an app named App1 that will write press releases by using AM.

You need to deploy an Azure OpenA1 model for Appl. The solution must minimize development effort.

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

Actions

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

Answer Area

Navigation arrows

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



Actions

Create a deployment that uses the text-embedding-ada-002 model.

Apply the Default system message template.

Create a deployment that uses the GPT-35 Turbo model.

Apply the Marketing Writing Assistant system message template.

Deploy the solution to a new web app.

Answer Area

Create a deployment that uses the GPT-35 Turbo model.

Apply the Marketing Writing Assistant system message template.

Deploy the solution to a new web app.

NEW QUESTION 240

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

When provisioning an Azure Cosmos DB 

account

container

database

item

 , you need to specify which type of API you will use.

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

When provisioning an Azure Cosmos DB 

account

container

database

item

 , you need to specify which type of API you will use.

NEW QUESTION 244

HOTSPOT - (Topic 3)

You are developing a streaming Speech to Text solution that will use the Speech SDK and MP3 encoding.

You need to develop a method to convert speech to text for streaming MP3 data. How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
var audioFormat = 

AudioStreamContainerFormat.MP3;



AudioConfig.SetProperty



AudioStreamFormat.GetCompressedFormat



AudioStreamFormat.GetWaveFormatPCM



PullAudioInputStream



var speechConfig = SpeechConfig.FromSubscription("18c51a87-3a69-47a8-aedc-a54745f708a1", "westus");
var audioConfig = AudioConfig.FromStreamInput(pushStream, audioFormat);

using (var recognizer = new 

KeywordRecognizer



SpeakerRecognizer



SpeechRecognizer



SpeechSynthesizer

 (speechConfig, audioConfig))

{
    var result = await recognizer.RecognizeOnceAsync();
    var text = result.Text;
}
```

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 247

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.

Answer Area

Text extraction

Azure Cognitive Service for Language  
Computer Vision  
Content Moderator  
Custom Vision  
Form Recognizer

Profane language detection:

Azure Cognitive Service for Language  
Computer Vision  
Content Moderator  
Custom Vision  
Form Recognizer

- 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 249

DRAG DROP - (Topic 3)

You have a Language Understanding solution that runs in a Docker container.

You download the Language Understanding container image from the Microsoft Container Registry (MCR).

You need to deploy the container image to a host computer.

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

From the Language Understanding portal, retrain the model.

From the host computer, run the container and specify the input directory.

From the Language Understanding portal, export the solution as a package file.

From the host computer, move the package file to the Docker input directory.

From the host computer, build the container and specify the output directory.

Answer Area



- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Actions

From the Language Understanding portal, retrain the model.

From the host computer, run the container and specify the input directory.

From the Language Understanding portal, export the solution as a package file.

From the host computer, move the package file to the Docker input directory.

From the host computer, build the container and specify the output directory.

Answer Area



NEW QUESTION 250

- (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.com/api/texttospeech/v3.0/longaudiosynthesis/voices>
- B. <https://uksouth.tts.speech.microsoft.com/cognitiveservices/voices/list>
- C. <https://uksouth.voice.speech.microsoft.com/cognitiveservices/v1?deploymentId={deploymentId}>
- D. <https://uksouth.api.cognitive.microsoft.com/speechtotext/v3.0/models/base>

**Answer:** B

#### NEW QUESTION 254

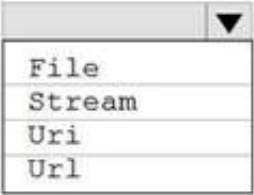
HOTSPOT - (Topic 3)

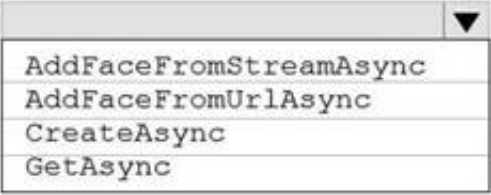
You develop an application that uses the Face API. You need to add multiple images to a person group.

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))

        {
            await faceClient.PersonGroupPerson. 

            (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 256

- (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 258

- (Topic 3)

You have an existing Azure Cognitive Search service.

You have an Azure Blob storage account that contains millions of scanned documents stored as images and PDFs.

You need to make the scanned documents available to search as quickly as possible. What should you do?

- A. Split the data into multiple blob container
- B. Create a Cognitive Search service for each container
- C. Within each indexer definition, schedule the same runtime execution pattern.
- D. Split the data into multiple blob container
- E. Create an indexer for each container
- F. Increase the search unit
- G. Within each indexer definition, schedule a sequential execution pattern.
- H. Create a Cognitive Search service for each type of document.



- I. Split the data into multiple virtual folder
- J. Create an indexer for each folde
- K. Increase the search unit
- L. Within each indexer definition, schedule the same runtime execution pattern.

**Answer:** D

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-howto-indexing-azure-blob-storage>

#### NEW QUESTION 260

- (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 262

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**

- 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.

**Answer Area**

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Actions**

- 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.

**Answer Area**

- 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.

#### NEW QUESTION 263

- (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 265

- (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 269

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.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Azure Databricks is an Apache Spark-based analytics platform.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 270

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

Answer Area

- 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.

- 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 273

HOTSPOT - (Topic 3)

You create a knowledge store for Azure Cognitive Search by using the following JSON.

```
"knowledgeStore": {
  "storageConnectionString": "DefaultEndpointsProtocol=https;AccountName=<Acct Name>;AccountKey=<Acct Key>;",
  "projections": [
    {
      "tables": [
        {
          "tableName": "unrelatedDocument",
          "generatedKeyName": "Documentid",
          "source": "/document/pbiShape"
        },
        {
          "tableName": "unrelatedKeyPhrases",
          "generatedKeyName": "KeyPhraseid",
          "source": "/document/pbiShape/keyPhrases"
        }
      ]
    },
    {
      "objects": [
        {
          "storageContainer": "unrelatedocrlayout",
          "source": null,
          "sourceContext": "/document/normalized_images/*/layoutText",
          "inputs": [
            {
              "name": "ocrLayoutText",
              "source": "/document/normalized_images/*/layoutText"
            }
          ]
        }
      ]
    }
  ],
  "files": []
}
}
```

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

Answer Area

There will be [answer choice].  
Images will [answer choice]

no projection groups  
one projection group  
two projection groups  
four projection groups

not be saved.  
be saved to a blob container.  
be saved to file storage.  
be saved to an Azure Data lake.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

There will be [answer choice].  
Images will [answer choice]

no projection groups  
one projection group  
two projection groups |  
four projection groups

not be saved.  
be saved to a Blob container.  
be saved to file storage.  
be saved to an Azure Data lake.

NEW QUESTION 278

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:

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

Build and run the bot.  
Open the Bot Framework Emulator.  
Connect to the bot endpoint.

NEW QUESTION 279

- (Topic 3)

What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution.

NOTE: Each correct selection Is worth one point.

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

Answer: AD

NEW QUESTION 283

DRAG DROP - (Topic 3)

You need to analyze video content to identify any mentions of specific company names.

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

Actions

Add the specific company names to the exclude list.

Sign in to the Custom Vision website.

From Content model customization, select Language.

Sign in to the Azure Video Analyzer for Media website.

From Content model customization, select Brands.

Add the specific company names to the include list.

>

<

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Add the specific company names to the exclude list.

Sign in to the Custom Vision website.

From Content model customization, select Language.

Sign in to the Azure Video Analyzer for Media website.

From Content model customization, select Brands.

Add the specific company names to the include list.

>

<

Answer Area

Sign in to the Azure Video Analyzer for Media website.

From Content model customization, select Brands.

Add the specific company names to the include list.

>

<

NEW QUESTION 287

- (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 290

HOTSPOT - (Topic 3)

You are building a model that will be used in an iOS app.

You have images of cats and dogs. Each image contains either a cat or a dog.

You need to use the Custom Vision service to detect whether the images is of a cat or a dog.

How should you configure the project in the Custom Vision portal? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Project Types:

Classification

Object Detection

Classification Types:

Multiclass (Single tag per image)

Multilabel (Multiple tags per image)

Domains:

Audit

Food

General

General (compact)

Landmarks

Landmarks (compact)

Retail

Retail (compact)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Classification

Box 2: Multiclass

A multiclass classification project is for classifying images into a set of tags, or target labels. An image can be assigned to one tag only.

Box 3: General

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

NEW QUESTION 291

- (Topic 3)

Which database transaction property ensures that transactional changes to a database are preserved during unexpected operating system restarts?

- A. durability
- B. atomicity
- C. consistency
- D. isolation

Answer: A

NEW QUESTION 294

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

A data analyst

A data engineer

A data scientist

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

A data analyst

A data engineer

A data scientist

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

NEW QUESTION 298

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.



Answer Area

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

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

NEW QUESTION 299

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,
CancellationTokens cancellationTokens)
{
    foreach (var member in membersAdded)
        if (member.Id != turnContext.Activity.Recipient.Id)
            await turnContext.SendActivityAsync($"Hi there - {member.Name}.
{WelcomeMessage}", cancellationTokens: cancellationTokens);
}
```

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.	<input type="radio"/>	<input type="radio"/>
When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	<input type="radio"/>	<input type="radio"/>
OnMembersAddedAsync will be initialized when a user sends a message.	<input type="radio"/>	<input type="radio"/>

- 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 303

- (Topic 3)

You are building an Azure WebJob 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 client
- C. Knowledgebases
- D. CreateAsync method.
- E. Create a list of QnADTO objects that represents data from the WebJob.
- F. Create a CreateKbDTO object.

Answer: AC

Explanation:

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

### NEW QUESTION 308

- (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 311

- (Topic 3)

You have an Azure Cognitive Services model named Model that identifies the intent of text input.

You develop an app in C# named App1. You need to configure App1 to use Model1. Which package should you add to App1?

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

**Answer:** C

### NEW QUESTION 312

- (Topic 3)

You have an Azure Cognitive Search instance that indexes purchase orders by using Form Recognizer

You need to analyze the extracted information by using Microsoft Power BI. The solution must minimize development effort.

What should you add to the indexer?

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

**Answer:** C

### NEW QUESTION 317

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

**Answer Area**

The

ALTER

JOIN

SET

WHERE

clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Answer Area

The

ALTER

JOIN

SET

WHERE

clause can be used in Data Manipulation Language (DML) statements to specify the criteria that rows must match.

NEW QUESTION 322

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

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

Answer: C

NEW QUESTION 326

- (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 328

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

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

Answer: A

NEW QUESTION 331

HOTSPOT - (Topic 3)  
You are developing a text processing solution. You develop the following method.

```
static void GetKeyPhrases(TextAnalyticsClient textAnalyticsClient, string text)
{
    var response = textAnalyticsClient.ExtractKeyPhrases(text);
    Console.WriteLine("Key phrases:");

    foreach (string keyphrase in response.Value)
    {
        Console.WriteLine($"{keyphrase}");
    }
}
```

You call the method by using the following code. GetKeyPhrases(textAnalyticsClient, "the cat sat on the mat");  
For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The call will output key phrases from the input string to the console.	<input type="radio"/>	<input type="radio"/>
The output will contain the following words: the, cat, sat, on, and mat.	<input type="radio"/>	<input type="radio"/>
The output will contain the confidence level for key phrases.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: Yes

The Key Phrase Extraction API evaluates unstructured text, and for each JSON document, returns a list of key phrases.

Box 2: No

'the' is not a key phrase.

This capability is useful if you need to quickly identify the main points in a collection of documents. For example, given input text "The food was delicious and there were wonderful staff", the service returns the main talking points: "food" and "wonderful staff".

Box 3: No

Key phrase extraction does not have confidence levels.

**NEW QUESTION 332**

- (Topic 3)

You are developing a method for an application that uses the Translator API.

The method will receive the content of a webpage, and then translate the content into Greek (el). The result will also contain a transliteration that uses the Roman alphabet.

You need to create the URI for the call to the Translator API. You have the following URI. <https://api.cognitive.microsofttranslator.com/translate?api-version=3.0>

Which three additional query parameters should you include in the URI? Each correct answer presents part of the solution. (Choose three.)

NOTE: Each correct selection is worth one point.

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

**Answer:** ADF

**Explanation:**

C: textType is an optional parameter. It defines whether the text being translated is plain text or HTML text (used for web pages).

D: to is a required parameter. It specifies the language of the output text. The target language must be one of the supported languages included in the translation scope.

F: toScript is an optional parameter. It specifies the script of the translated text. We use Latin (Roman alphabet) script.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0-translate>

**NEW QUESTION 333**

- (Topic 3)

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

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

You have a chatbot that uses question answering in Azure Cognitive Service for Language. Users report that the responses of the chatbot lack formality when answering random

questions that are outside the scope of the knowledge base.

You need to ensure that the chatbot provides formal responses to these spurious questions.

Solution: From Language Studio, you modify the question and answer pairs for the custom intents, and then retrain and republish the model.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 335**

DRAG DROP - (Topic 3)

You have a chatbot that uses a QnA Maker application.

You enable active learning for the knowledge base used by the QnA Maker application. You need to integrate user input into the model.

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



Actions	Answer Area
Add a task to the Azure resource.	
Approve and reject suggestions.	
Publish the knowledge base.	
Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.	<div>⬅️⬆️</div>
For the knowledge base, select Show active learning suggestions.	<div>⬆️⬇️</div>
Save and train the knowledge base.	
Select the properties of the Azure Cognitive Services resource.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: For the knowledge base, select Show active learning suggestions.  
In order to see the suggested questions, on the Edit knowledge base page, select View Options, then select Show active learning suggestions.  
Step 2: Approve and reject suggestions.  
Each QnA pair suggests the new question alternatives with a check mark, , to accept the question or an x to reject the suggestions. Select the check mark to add the question.  
Step 3: Save and train the knowledge base.  
Select Save and Train to save the changes to the knowledge base. Step 4: Publish the knowledge base.  
Select Publish to allow the changes to be available from the GenerateAnswer API.  
When 5 or more similar queries are clustered, every 30 minutes, QnA Maker suggests the alternate questions for you to accept or reject.

NEW QUESTION 336

- (Topic 2)  
You are developing the document processing workflow.  
You need to identify which API endpoints to use to extract text from the financial documents. The solution must meet the document processing requirements.  
Which two API endpoints should you identify? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. /vision/v3.2/read/analyzeResults
- B. /formrecognizer/v2.0/prebuilt/receipt/analyze
- C. /vision/v3.2/read/analyze
- D. /vision/v3.2/describe
- E. /formercognizer/v2.0/custom/models{modelId}/ analyze

Answer: BC

Explanation:

C: Analyze Receipt - Get Analyze Receipt Result.  
Query the status and retrieve the result of an Analyze Receipt operation. Request URL: https://{endpoint}/formrecognizer/v2.0-preview/prebuilt/receipt/analyzeResults/{resultId}  
E: POST {Endpoint}/vision/v3.2/read/analyze  
Use this interface to get the result of a Read operation, employing the state-of-the-art Optical Character Recognition (OCR) algorithms optimized for text-heavy documents.  
Scenario: Contoso plans to develop a document processing workflow to extract information automatically from PDFs and images of financial documents  
? The document processing solution must be able to process standardized financial documents that have the following characteristics:  
- Contain fewer than 20 pages.  
- Be formatted as PDF or JPEG files.  
- Have a distinct standard for each office.  
? \*The document processing solution must be able to extract tables and text from the financial documents.  
? The document processing solution must be able to extract information from receipt images.  
Reference:  
https://westus2.dev.cognitive.microsoft.com/docs/services/form-recognizer-api-v2- preview/operations/GetAnalyzeReceiptResult  
https://docs.microsoft.com/en-us/rest/api/computervision/3.1/read/read

#### NEW QUESTION 340

- (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 342

- (Topic 2)

You are developing the knowledgebase by using Azure Cognitive Search.

You need to meet the knowledgebase requirements for searching equivalent terms. What should you include in the solution?

- A. a synonym map
- B. a suggester
- C. a custom analyzer
- D. a built-in key phrase extraction skill

**Answer:** A

#### Explanation:

Within a search service, synonym maps are a global resource that associate equivalent terms, expanding the scope of a query without the user having to actually provide the term. For example, assuming "dog", "canine", and "puppy" are mapped synonyms, a query on "canine" will match on a document containing "dog".

Create synonyms: A synonym map is an asset that can be created once and used by many indexes.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-synonyms>

#### NEW QUESTION 344

DRAG DROP - (Topic 2)

You are developing a solution for the Management-Bookkeepers group to meet the document processing requirements. The solution must contain the following components:

? A form Recognizer resource

? An Azure web app that hosts the Form Recognizer sample labeling tool

The Management-Bookkeepers group needs to create a custom table extractor by using the sample labeling tool.

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

Actions	Answer Area
Train a custom model	
Label the sample documents	>
Create a new project and load sample documents	<
Create a composite model	

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Step 1: Create a new project and load sample documents

Create a new project. Projects store your configurations and settings.

Step 2: Label the sample documents

When you create or open a project, the main tag editor window opens.

Step 3: Train a custom model. Finally, train a custom model.

#### NEW QUESTION 348

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:

LeadershipTeam:

- 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 351

DRAG DROP - (Topic 1)

You are developing the smart e-commerce project.

You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service 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.

**Services**

- Azure Blob storage
- Custom Vision API
- Azure Files
- Language Understanding API
- Translator API
- Computer Vision API
- Azure Cosmos DB

**Answer Area**

**Source** **Cracking** **Preparation** **Destination**

Diagram showing a flow from Source to Cracking to Preparation to Destination.

- A. Mastered
- B. Not Mastered

Answer: A

### Explanation:

Box 1: Azure Blob storage

At the start of the pipeline, you have unstructured text or non-text content (such as images, scanned documents, or JPEG files). Data must exist in an Azure data storage service that can be accessed by an indexer.

Box 2: Computer Vision API

Scenario: Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

The Computer Vision Read API is Azure's latest OCR technology (learn what's new) that extracts printed text (in several languages), handwritten text (English only), digits, and currency symbols from images and multi-page PDF documents.

Box 3: Translator API

Scenario: Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

Box 4: Azure Files

Scenario: Store all raw insight data that was generated, so the data can be processed later.

**NEW QUESTION 354**

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