# Exam Questions AI-102

Designing and Implementing an Azure AI Solution

## https://www.2passeasy.com/dumps/AI-102/

**NEW QUESTION 1**
DRAG DROP - (Topic 3)
You are using a Language Understanding service to handle natural language input from the users of a web-based customer agent.
The users report that the agent frequently responds with the following generic response: "Sorry, I don't understand that."
You need to improve the ability of the agent to respond to requests.
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 prebuilt domain models as required. |

| Validate the utterances logged for review and modify the model. |

| Migrate authoring to an Azure resource authoring key. |

| Enable active learning. |

| Enable log collection by using Log Analytics. |

| Train and republish the Language Understanding model. |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
- enable active learning
- validate the utterances
- train and republish
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-review-endpoint- utterances#log-user-queries-to-enable-active-learning
https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-prebuilt-model

**NEW QUESTION 2**
- (Topic 3)
You need to enable speech capabilities for a chatbot.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Enable WebSockets for the chatbot app.
B. Create a Speech service.
C. Register a Direct Line Speech channel.
D. Register a Cortana channel.
E. Enable CORS for the chatbot app.
F. Create a Language Understanding service.

**Answer:** ABC

**Explanation:**
You can use the Speech service to voice-enable a chat bot.
The Direct Line Speech channel uses the text-to-speech service, which has neural and standard voices.
You'll need to make a small configuration change so that your bot can communicate with the Direct Line Speech channel using web sockets.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/tutorial-voice-enable-your-bot-speech-sdk

**NEW QUESTION 3**
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 |
|---|---|---|
| Platform as a service (PaaS) database offerings in Azure require less setup and configuration effort than infrastructure as a service (IaaS) database offerings. | ○ | ○ |
| Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version. | ○ | ○ |
| All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs. | ○ | ○ |

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. | ⊙ | ○ |
| Platform as a service (PaaS) database offerings in Azure provide end users with the ability to control and update the operating system version. | ○ | ⊙ |
| All relational and non-relational platform as a service (PaaS) database offerings in Azure can be paused to reduce costs. | ○ | ⊙ |

**NEW QUESTION 4**
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.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 5**
- (Topic 3)
You have an Azure subscription. The subscription contains an Azure OpenAI resource that hosts a GPT-4 model named Modell and an app named Appl. App1 uses Model!
You need to ensure that App1 will NOT return answers that include hate speech. What should you configure for Model1?

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

**Answer:** B

**NEW QUESTION 6**
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.
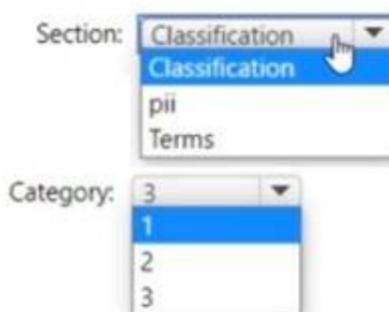


A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
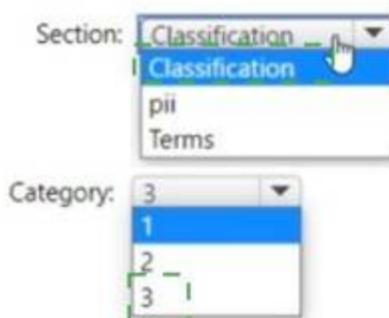


**NEW QUESTION 7**
- (Topic 3)
You need to recommend a non-relational data store that is optimized for storing and retrieving text files, videos, audio streams, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file. Which type of data store should you recommend?

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

**Answer:** D

**NEW QUESTION 8**
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. |
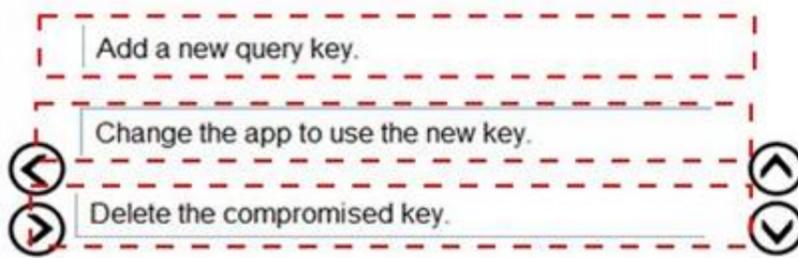
**NEW QUESTION 9**
- (Topic 3)
You use the Microsoft Bot Framework Composer to build a chatbot that enables users to purchase items.
You need to ensure that the users can cancel in-progress transactions. The solution must minimize development effort.
What should you add to the bot?

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

**Answer:** D

**NEW QUESTION 10**
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

**Answer Area**

The massively parallel processing (MPP) engine
of Azure Synapse Analytics

| |
|---|
| distributes processing across compute nodes. |
| distributes processing across control nodes. |
| redirects client connections across compute nodes. |
| redirects client connections across control nodes. |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

The massively parallel processing (MPP) engine
of Azure Synapse Analytics

distributes processing across compute nodes.
distributes processing across control nodes.
redirects client connections across compute nodes.
redirects client connections across control nodes.

## NEW QUESTION 10
- (Topic 3)
You are building a chatbot for a travel agent. The chatbot will use the Azure OpenAI GPT 3.5 model and will be used to make travel reservations.
You need to maximize the accuracy of the responses from the chatbot. What should you do?

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

**Answer:** A

## NEW QUESTION 14
- (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
DRAG DROP - (Topic 3)
You plan to use containerized versions of the Anomaly Detector API on local devices for testing and in on-premises datacenters.
You need to ensure that the containerized deployments meet the following requirements:
? Prevent billing and API information from being stored in the command-line histories of the devices that run the container.
? Control access to the container images by using Azure role-based access control (Azure RBAC).
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.)
NOTE: More than one order of answer choices is correct. You will receive credit for any of
the correct orders you select.

**Actions**

| Create a custom Dockerfile. |
| Pull the Anomaly Detector container image. |
| Distribute a `docker run` script. |
| Push the image to an Azure container registry. |
| Build the image. |
| Push the image to Docker Hub. |

**Answer Area**

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Step 1: Pull the Anomaly Detector container image. Step 2: Create a custom Dockerfile
Step 3: Build the image
Step 4: Push the image to an Azure container registry.
https://docs.microsoft.com/en-us/azure/cognitive-services/containers/container-reuse- recipe

## NEW QUESTION 22
- (Topic 3)
You are building a Language Understanding solution.
You discover that many intents have similar utterances containing airport names or airport codes.
You need to minimize the number of utterances used to fram the model. Which type of custom entity should you use?

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

**Answer:** C

**NEW QUESTION 26**
- (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 29**
- (Topic 3)
Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance. Which Azure service should you use?

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

**Answer:** B

**NEW QUESTION 31**
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.
A conversational expert provides you with the following list of phrases to use for training.
Find contacts in London. Who do I know in Seattle? Search for contacts in Ukraine.
You need to implement the phrase list in Language Understanding. Solution: You create a new pattern in the FindContact intent.
Does this meet the goal?

A. Yes
B. No

**Answer:** B

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

**NEW QUESTION 36**
DRAG DROP - (Topic 3)
You have an app that manages feedback.
You need to ensure that the app can detect negative comments by using the Sentiment Analysis API in Azure Cognitive Service for Language. The solution must ensure that the managed feedback remains on your company's internal network.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NOTE: More than one order of answer choices is correct You will receive credit for any of the correct orders you select.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
? Provision the Language service resource in Azure.
? Deploy a Docker container to an on-premises server.

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

**NEW QUESTION 39**
- (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 40**
HOTSPOT - (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.
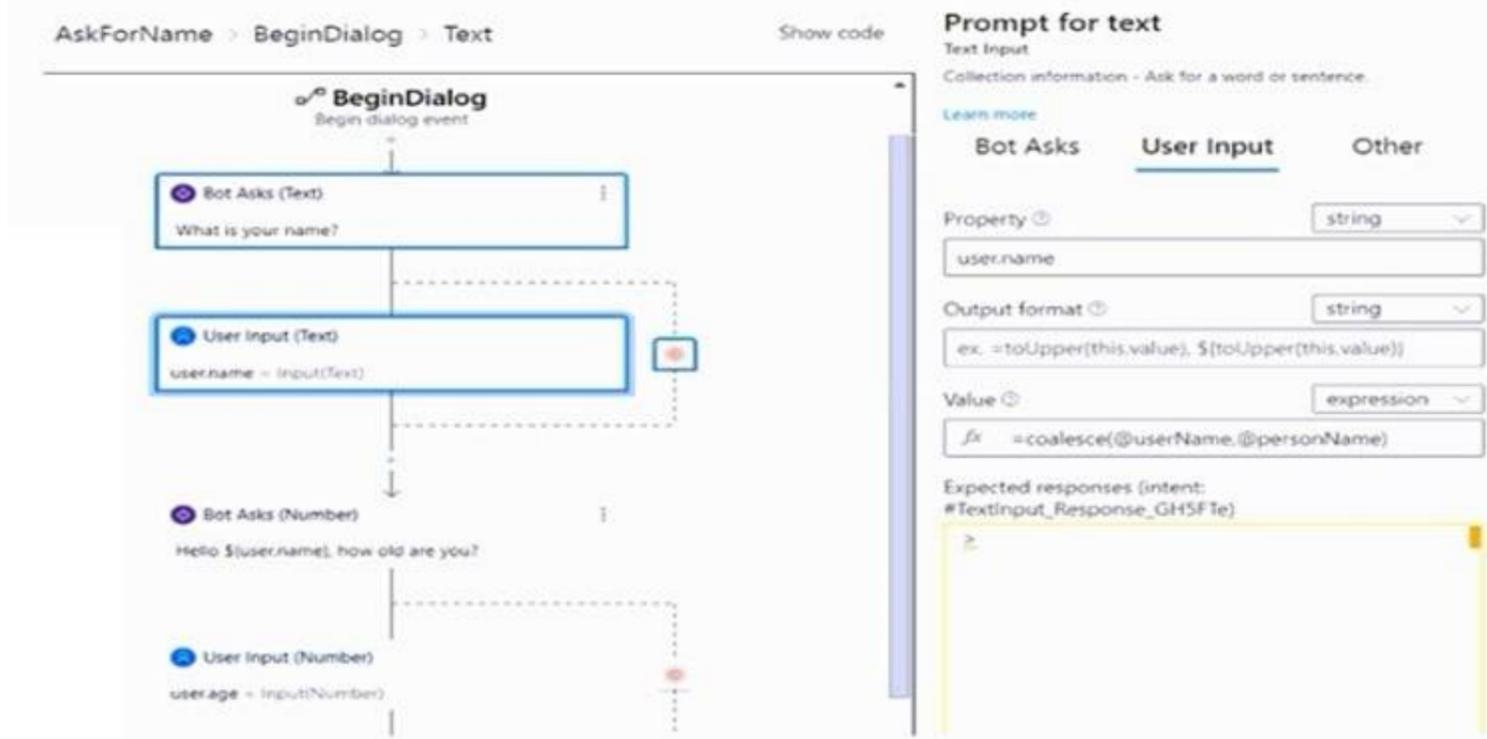


For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection Is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

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

**NEW QUESTION 42**
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 43**
- (Topic 3)
What ate two uses of data visualization? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

**Answer:** AB

**NEW QUESTION 46**
- (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 51**
- (Topic 3)
Which database transaction property ensures that individual transactions are executed only once and either succeed in their entirety or roll back?

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

**Answer:** A

**NEW QUESTION 56**
- (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 61**
- (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 62**
- (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 66**
HOTSPOT - (Topic 3)
You are developing an application that includes language translation.
The application will translate text retrieved by using a function named get_text_to_be_translated. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.
You need to develop code to translate the text to a single language.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 71**
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

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.

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**NEW QUESTION 76**
- (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

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**NEW QUESTION 77**
DRAG DROP - (Topic 3)
You have a Docker host named Host1 that contains a container base image.
You have an Azure subscription that contains a custom speech-to-text model named model1.
You need to run model1 on Host1.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Actions

Configure disk logging.
Export model1 to Host1.
Request approval to run the container.
Retrain the model.
Run the container.

Answer Area

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
According to the course AI-102T00: Designing and Implementing a Microsoft Azure AI Solution1, the correct sequence of actions to run model1 on Host1 is:
? Export model1 to Host1
? Run the container
? Configure disk logging
The explanation and references are as follows:
? Export model1 to Host1: This step is required to deploy the custom speech-to-text model to the Docker host. You can use the Azure portal or the Azure CLI to export the model as a container image2.
? Run the container: This step is required to start the container and run the model on the Docker host. You can use the Docker CLI to run the container image3.
? Configure disk logging: This step is optional but recommended to monitor the performance and health of the container. You can use the Docker CLI to configure disk logging for the container4.

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**NEW QUESTION 79**
- (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 82**
HOTSPOT - (Topic 3)
You are developing a text processing solution. You have the function shown below.

Answer Area

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

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

**NEW QUESTION 84**
- (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 88**
- (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 93**
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 | Answer Area |
|---|---|
| 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. | |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

| Actions | Answer Area |
|---|---|
| Use the `ExportProject` endpoint on acvdev. | Use the `GetProjects` endpoint on acvdev. |
| Use the `GetProjects` endpoint on acvdev. | Use the `ExportProject` endpoint on acvdev. |
| Use the `ImportProject` endpoint on acvprod. | Use the `ImportProject` endpoint on acvprod. |
| Use the `ExportIteration` endpoint on acvdev. | |
| Use the `GetIterations` endpoint on acvdev. | |
| Use the `UpdateProject` endpoint on acvprod. | |

**NEW QUESTION 94**
- (Topic 3)
You have an Azure subscription that contains an AI enrichment pipeline in Azure Cognitive Search and an Azure Storage account that has 10 G8 of scanned documents and images. You need to index the documents and images in the storage account. The solution must minimize how long it takes to build the index. What should you do?

A. From the Azure portal, configure parallel indexing.
B. Create a text-based indexer by using the REST API.
C. From the Azure portal, configure scheduled indexing.
D. Configure field mappings by using the REST API.

**Answer:** A

**NEW QUESTION 99**
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

**Answer Area**

A JSON document is an example of

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

A JSON document is an example of

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

**NEW QUESTION 102**
- (Topic 3)

What should you use to build a Microsoft Power Bi paginated report?

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

**Answer:** A


**NEW QUESTION 105**
HOTSPOT - (Topic 3)
You are designing a conversation flow to be used in a chatbot.
You need to test the conversation flow by using the Microsoft Bot Framework Emulator. How should you complete the .chat file? To answer, select the appropriate options in the
answer area.
NOTE: Each correct selection is worth one point.

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

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

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

[AttachmentLayout=       ▼   ]
                 adaptivecard
                 carousel
                 thumbnail

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

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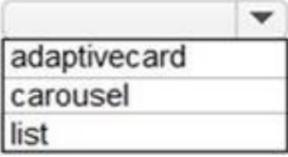
A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

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

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

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

[AttachmentLayout=       ▼   ]
                 adaptivecard
                 carousel
                 thumbnail

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

bot: [Attachment=cards\watchProfileCard.json          ▼   ]
user: That's nice! Thank you.                  adaptivecard
bot: Sure, you are most welcome!               carousel
                                               list
```
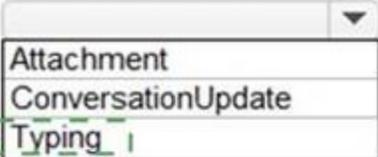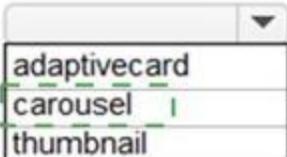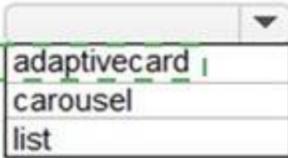
**NEW QUESTION 107**
- (Topic 3)
You create a bot by using the Microsoft Bot Framework SDK.
You need to configure the bot to respond to events by using custom text responses. What should you use?

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

**Answer:** B

**NEW QUESTION 111**
- (Topic 3)
Which property of a transactional workload guarantees that each transaction is treated as a single unit that either succeeds completely or fails completely?

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

**Answer:** B

**NEW QUESTION 113**
- (Topic 3)
A customer uses Azure Cognitive Search.
The customer plans to enable a server-side encryption and use customer-managed keys (CMK) stored in Azure.
What are three implications of the planned change? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

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

**Answer:** ABF

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

**NEW QUESTION 116**
HOTSPOT - (Topic 3)
You run the following command.

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

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

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: Yes
http://localhost:5000/status : Also requested with GET, this verifies if the api-key used to start the container is valid without causing an endpoint query.

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

**NEW QUESTION 118**
- (Topic 3)
Your company wants to reduce how long it takes for employees to log receipts in expense reports. All the receipts are in English.
You need to extract top-level information from the receipts, such as the vendor and the transaction total. The solution must minimize development effort.
Which Azure Cognitive Services service should you use?

A. Custom Vision
B. Personalizer
C. Form Recognizer
D. Computer Vision

**Answer:** B

**Explanation:**
Azure Form Recognizer is a cognitive service that lets you build automated data processing software using machine learning technology. Identify and extract text, key/value pairs, selection marks, tables, and structure from your documents—the service outputs structured data that includes the relationships in the original file, bounding boxes, confidence and more.
Form Recognizer is composed of custom document processing models, prebuilt models for invoices, receipts, IDs and business cards, and the layout model.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/form-recognizer

**NEW QUESTION 123**
- (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 124**
- (Topic 3)
You are training a Language Understanding model for a user support system.
You create the first intent named GetContactDetails and add 200 examples. You need to decrease the likelihood of a false positive.
What should you do?

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

**Answer:** A

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

**NEW QUESTION 125**
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 | Answer Area |
|---|---|
| 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. | |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

| Actions | Answer Area |
|---|---|
| Pull an image from Docker Hub. | Provision an on-premises Kubernetes cluster that is isolated from the internet. |
| Provision an on-premises Kubernetes cluster that has internet connectivity. | |
| Provision an Azure Kubernetes Service (AKS) resource. | Pull an image from the Microsoft Container Registry (MCR). |
| Run the container and specify an App ID and Client Secret. | |
| Provision an on-premises Kubernetes cluster that is isolated from the internet. | Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource. |
| 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 127**
- (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 128**
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the
stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a chatbot that uses question answering in Azure Cognitive Service for Language Users report that the responses of the chatbot lack formality when
answering spurious
questions
You need to ensure that the chatbot provides formal responses to spurious questions. Solution: From Language Studio, you change the chitchat source to
qna_chitchat_professional.tsv. and then retrain and republish the model. Does this meet the goal?

A. Yes
B. No

**Answer:** A

**NEW QUESTION 132**
HOTSPOT - (Topic 3)
You are building a chatbot that will provide information to users as shown in the following exhibit.

**Passengers**
Sarah Hum
Jeremy Goldberg
Evan Litvak

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

San Francisco                          San Francisco
Amsterdam                              Amsterdam

SFO                                    SFO
AMS                                    AMS

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

San Francisco                          San Francisco
Amsterdam                              Amsterdam

SFO                                    SFO
AMS                                    AMS

Total                                  **$4,032.54**

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

**Answer Area**

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

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

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

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

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 134**
- (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 138**
- (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 140**
- (Topic 3)
You have a Language service resource that performs the following:
• Sentiment analysis
• Named Entity Recognition (NER)
• Personally Identifiable Information (PII) identification
You need to prevent the resource from persisting input data once the data is analyzed. Which query parameter in the Language service API should you configure?

A. loggingOptOut
B. piiCategories
C. showStats
D. Model-version

**Answer:** A


**NEW QUESTION 143**
- (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 147**
DRAG DROP - (Topic 3)
You have a monitoring solution that uses the Azure AI Anomaly Detector service. You provision a server named Server! that has intermittent internet access.
You need to deploy the Azure AI Anomaly Detector to Server 1.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

| Actions | Answer Area |
|---|---|
| From Server1, run the docker push command. | Install the Docker Engine on Server1. |
| Query the prediction endpoint of the Azure AI Anomaly Detector in Azure. | From Server1, run the docker pull command. |
| Install the Docker Engine on Server1. | From Server1, run the docker run command. |
| From Server1, run the docker pull command. | Query the prediction endpoint on Server1. |
| From Server1, run the docker run command. | |
| Query the prediction endpoint on Server1. | |
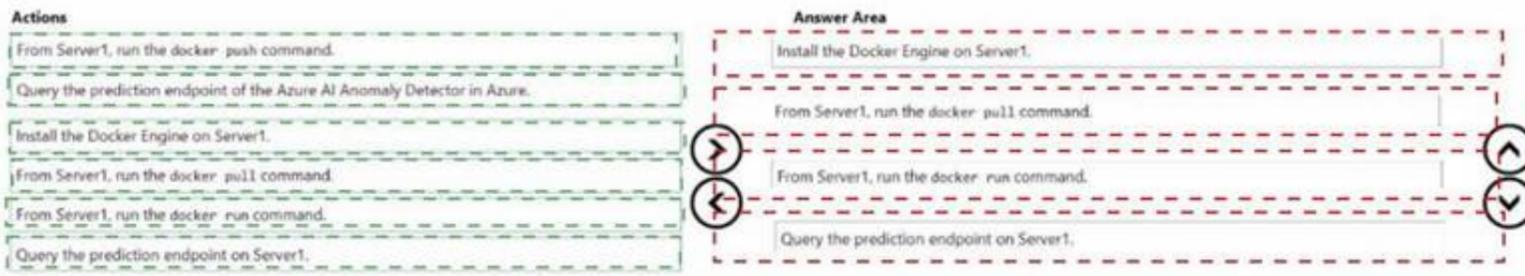
**NEW QUESTION 149**
- (Topic 3)
You have an app that analyzes images by using the Computer Vision API.
You need to configure the app to provide an output for users who are vision impaired. The solution must provide the output in complete sentences.
Which API call should you perform?

A. readInStreamAsync
B. describeImageInStreamAsync
C. toglfiageInStreaaAsync
D. analyreImageByDomainInStreamAsync

**Answer:** D

**NEW QUESTION 151**
DRAG DROP - (Topic 3)
You are developing a webpage that will use the Video Indexer service to display videos of internal company meetings.
You embed the Player widget and the Cognitive Insights widget into the page. You need to configure the widgets to meet the following requirements:
? Ensure that users can search for keywords.
? Display the names and faces of people in the video.
? Show captions in the video in English (United States).
How should you complete the URL for each widget? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

| Values | Answer Area |
|---|---|
| en-US | **Cognitive Insights Widget** |
| false | https://www.videoindexer.ai/embed/insights/<accountId>/<videoId>/?widgets= [Value] controls= [Value] |
| people,keywords | **Player Widget** |
| people,search | https://www.videoindexer.ai/embed/player/<accountId>/<videoId>/? showcaptions= [Value] captions= [Value] |
| search | |
| true | |

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 154**
DRAG DROP - (Topic 3)
Match the types of workloads to the appropriate scenarios.
To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may he used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

| Workload Types | Answer Area |
|---|---|
| Batch | [Workload type] Data for a product catalog will be loaded every 12 hours to a data warehouse. |
| Streaming | [Workload type] Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time. |
| | [Workload type] Updates to inventory data will be loaded to a data warehouse every 1 million transactions. |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

| Workload Types | | Answer Area | |
|---|---|---|---|
| Batch | | Batch | Data for a product catalog will be loaded every 12 hours to a data warehouse. |
| Streaming | | Streaming | Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time. |
| | | Batch | Updates to inventory data will be loaded to a data warehouse every 1 million transactions. |

**NEW QUESTION 158**
DRAG DROP - (Topic 3)
You are building a Language Understanding model for purchasing tickets.
You have the following utterance for an intent named PurchaseAndSendTickets. Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com]
You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.
Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels. Each entity type may be used once, more than once, or not at all.
You may need to drag the split bar between panes or scroll to view content.

**Entity Types**

- Email
- List
- Regex
- GeographyV2
- Machine learned

**Answer Area**

Paris: _____

email@domain.com: _____

2 audit business: _____

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 159**
- (Topic 3)
You have an Azure subscription that contains an Azure App Service app named Appl. You provision a multi-service Azure Cognitive Services resource named CSAccount1.
You need to configure App1 to access CSAccount1. The solution must minimize administrative effort.
What should you use to configure App1?

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

**Answer:** D

**NEW QUESTION 162**
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.
You need to add the new images to the classifier.
Solution: You add the new images, and then use the Smart Labeler tool. Does this meet the goal?

A. Yes
B. No

**Answer:** B

**Explanation:**
The model need to be extended and retrained.

Note: Smart Labeler to generate suggested tags for images. This lets you label a large number of images more quickly when training a Custom Vision model.

**NEW QUESTION 166**
- (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
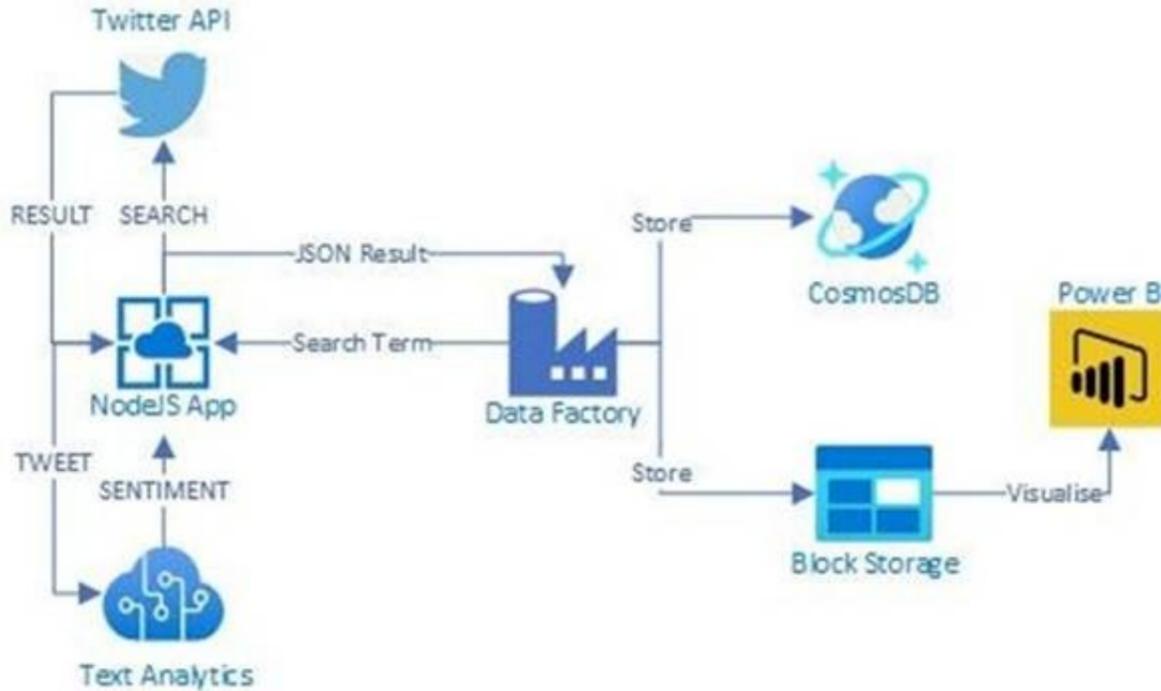
**NEW QUESTION 170**
DRAG DROP - (Topic 3)
You need to develop an automated call handling system that can respond to callers in their own language. The system will support only French and English. Which Azure Cognitive Services service should you use to meet each requirement? To answer, drag the appropriate services to the correct requirements. Each service may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: Text Analytics
The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.
Box 2: Translator
Translator is a cloud-based neural machine translation service that is part of the Azure Cognitive Services family of REST APIs. Translator can be used with any operating system and powers many Microsoft products and services used by thousands of businesses worldwide to perform language translation and other language-related operations.

**NEW QUESTION 172**
HOTSPOT - (Topic 3)
You have a collection of press releases stored as PDF files.
You need to extract text from the files and perform sentiment analysis.
Which service should you use for each task? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

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

| Perform sentiment analysis: | Language |
| --- | --- |
| | Azure Cognitive Search |
| | Computer Vision |
| | Form Recognizer |
| | **Language** |
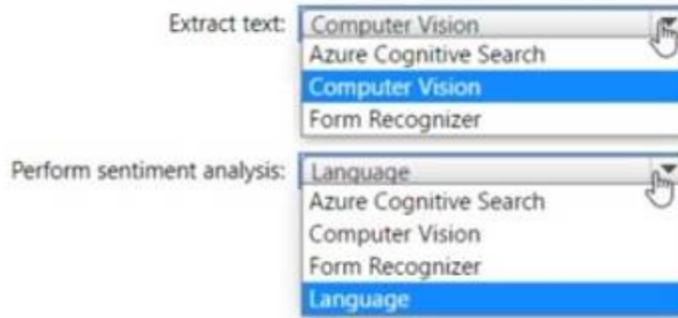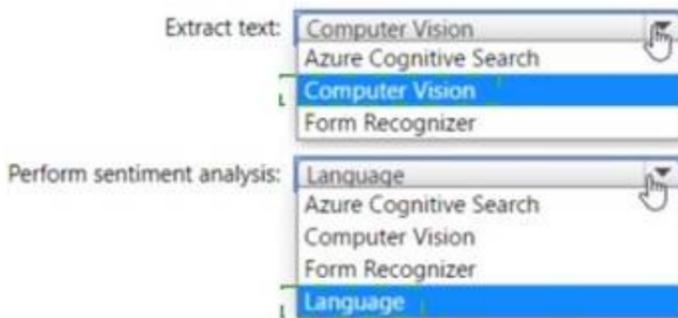
**NEW QUESTION 175**
HOTSPOT - (Topic 3)
You plan to deploy a containerized version of an Azure Cognitive Services service that will be used for text analysis.
You configure https://contoso.cognitiveservices.azure.com as the endpoint URI for the service, and you pull the latest version of the Text Analytics 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=xxxxxxxxxxxxxxxxxxxx
```

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 177**

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

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

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

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

**Answer:** B

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

**NEW QUESTION 181**
DRAG DROP - (Topic 3)
You have a Custom Vision service project that performs object detection. The project uses the General domain for classification and contains a trained model.
You need to export the model for use on a network that is disconnected from the internet. Which three actions should you perform in sequence? To answer, move the appropriate
actions from the list o' actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 183**
DRAG DROP - (Topic 3)
You train a Custom Vision model to identify a company's products by using the Retail domain.
You plan to deploy the model as part of an app for Android phones. You need to prepare the model for deployment.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the
correct order.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
In user want to change to deploy offline model
* 1. Change model domain to compact model
* 2. Retrain compact model
* 3. Export model


**NEW QUESTION 187**
- (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 a network security group (NSG) for vnet1.
Does this meet the goal?

A. Yes
B. No

**Answer:** A

**Explanation:**
 https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview#network-security-groups
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-overview


**NEW QUESTION 189**
- (Topic 3)
You successfully run the following HTTP request.
POST https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc-
a54745f708a1/resourceGroups/RG1/providers/Microsoft.CognitiveServices/accounts/conto sol/regenerateKey?api-version=2017-04-18
Body{"keyName": "Key2"}
What is the result of the request?

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

**Answer:** B

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


**NEW QUESTION 192**
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 | Answer Area |
|---|---|
| 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. | |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
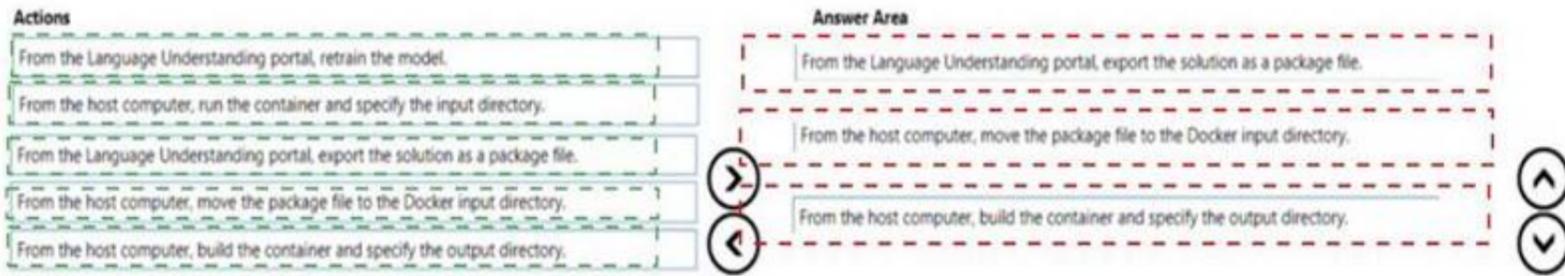
**NEW QUESTION 193**

HOTSPOT - (Topic 3)

You are building a chatbot by using the Microsoft Bot Framework SDK.

You use an object named UserProfile to store user profile information and an object named ConversationData to store information related to a conversation.

You create the following state accessors to store both objects in state.

var userStateAccessors = _userState.CreateProperty<UserProfile>(nameof(UserProfile)); var conversationStateAccessors = _conversationState.CreateProperty<ConversationData>(nameof(ConversationData)); The state storage mechanism is set to Memory Storage.

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

NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

You create property accessors using the CreateProperty method that provides a handle to the BotState object. Each state property accessor allows you to get or set the value of the associated state property.

Box 2: Yes

Box 3: No

Before you exit the turn handler, you use the state management objects' SaveChangesAsync() method to write all state changes back to storage.

**NEW QUESTION 197**

- (Topic 3)

You have an Azure Cognitive Search solution and an enrichment pipeline that performs Sentiment Analysis on social media posts.

You need to define a knowledge store that will include the social media posts and the Sentiment Analysis results.

Which two fields should you include in the definition? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

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

**Answer:** DE

**NEW QUESTION 199**

HOTSPOT - (Topic 3)

You are building a chatbot.

You need to use the Content Moderator API to identify aggressive and sexually explicit language.

Which three settings should you configure? To answer, select the appropriate settings in the answer area.

NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 202**
- (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 203**
- (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 containe
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 containe
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 208**
- (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 209**
- (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 213**
- (Topic 3)
Which scenario is an example of a streaming workload?

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

**Answer:** D


**NEW QUESTION 218**
HOTSPOT - (Topic 3)
You are developing an internet-based training solution for remote learners.
Your company identifies that during the training, some learners leave their desk for long
periods or become distracted.
You need to use a video and audio feed from each learner's computer to detect whether the learner is present and paying attention. The solution must minimize development effort and identify each learner.
Which Azure Cognitive Services service should you use for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

From a learner's video feed, verify whether the learner is present:

| |
|---|
| Face |
| Speech |
| Text Analytics |

From a learner's facial expression in the video feed, verify whether the learner is paying attention:

| |
|---|
| Face |
| Speech |
| Text Analytics |

From a learner's audio feed, detect whether the learner is talking:

| |
|---|
| Face |
| Speech |
| Text Analytics |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

From a learner's video feed, verify whether the learner is present:

| |
|---|
| Face |
| Speech |
| Text Analytics |

From a learner's facial expression in the video feed, verify whether the learner is paying attention:

| |
|---|
| Face |
| Speech |
| Text Analytics |

From a learner's audio feed, detect whether the learner is talking:

| |
|---|
| Face |
| Speech |
| Text Analytics |

**NEW QUESTION 223**
- (Topic 3)
You are building a language model by using a Language Understanding service. You create a new Language Understanding resource.
You need to add more contributors. What should you use?

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

**Answer:** B

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

**NEW QUESTION 224**
- (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 migrate to a Cognitive Search service that uses a higher tier. Does this meet the goal?

A. Yes
B. No

**Answer:** A

**Explanation:**
 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 226**
DRAG DROP - (Topic 3)
You are developing a photo application that will find photos of a person based on a sample image by using the Face API.
You need to create a POST request to find the photos.
How should you complete the request? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.
You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

**Values**

```
detect
findsimilars
group
identify
matchFace
matchPerson
verify
```

**Answer Area**

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

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

A. Mastered
B. Not Mastered

**Answer:** A

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


**NEW QUESTION 229**
- (Topic 3)
You are building a multilingual chatbot.
You need to send a different answer for positive and negative messages.
Which two Text Analytics APIs should you use? Each correct answer presents part of the solution. (Choose two.)
NOTE: Each correct selection is worth one point.

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

**Answer:** BD

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


**NEW QUESTION 231**
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 234**
HOTSPOT - (Topic 3)
You need to create a new resource that will be used to perform sentiment analysis and optical character recognition (OCR). The solution must meet the following requirements:
? Use a single key and endpoint to access multiple services.
? Consolidate billing for future services that you might use.
? Support the use of Computer Vision in the future.
How should you complete the HTTP request to create the new resource? 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/xxxxxxxx-xxxx-
[ PATCH ]
[ POST  ]
[ PUT   ]

xxxx-xxxx-
xxxxxxxxxxxx/resourceGroups/RG1/providers/Microsoft.CognitiveServices/
accounts/CS1?api-version=2017-04-18
{
  "location": "West US",
  "kind": " [         ▼ ] ",
          [ CognitiveServices ]
          [ ComputerVision   ]
          [ TextAnalytics    ]

  "sku": {
    "name": "S0"
  },
  "properties": {},
  "identity": {
    "type": "SystemAssigned"
  }
}
```

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: PUT
Sample Request: PUT https://management.azure.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/test-rg/providers/Microsoft.DeviceUpdate/accounts/contoso?api-version=2020-03-01-preview

**NEW QUESTION 239**

DRAG DROP - (Topic 3)
You need to analyze video content to identify any mentions of specific company names.
Which three actions should you perform in sequence? To answer move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

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

**NEW QUESTION 241**
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a chatbot that uses question answering in Azure Cognitive Service for Language Users report that the responses of the chatbot lark formality when answering spurious
questions
You need to ensure that the chatbot provides formal responses to spurious questions. Solution: From Language Studio, you remove all the chit-chat question and answer pairs,
and then retrain and republish the model Does this meet the goal?

A. Yes
B. No

**Answer:** B

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

**NEW QUESTION 245**
- (Topic 3)
Your company has a repotting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

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

**Answer:** B

**NEW QUESTION 247**
- (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 249**
HOTSPOT - (Topic 3)
You are building a solution that students will use to find references for essays. You use the following code to start building the solution.

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

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

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

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

Answer Area

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Answer Area

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

**NEW QUESTION 253**
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 254**
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 255**
- (Topic 3)
You need to create a visualization of running sales totals per quarter as shown in the following exhibit.



What should you create in Cower Bl Desktop;1

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

**Answer:** C

**NEW QUESTION 256**
DRAG DROP - (Topic 3)
Match the Azure Cosmos DB APIs to the appropriate data structures.
To answer, drag the appropriate API from the column on the left to its data structure on the right. Each API may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 261**
- (Topic 3)
You are building an Azure Weblob that will create knowledge bases from an array of URLs.
You instantiate a QnAMakerClient object that has the relevant API keys and assign the object to a variable named client.
You need to develop a method to create the knowledge bases.
Which two actions should you include in the method? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

**Answer:** AC

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

**NEW QUESTION 263**
HOTSPOT - (Topic 3)
You are building an app that will process incoming email and direct email messages to either French or English language support teams.
Which Azure Cognitive Services API should you use? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 267**
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 271**

- (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 Bl. 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 276**
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.
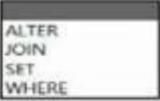


A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
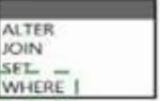


**NEW QUESTION 279**
HOTSPOT - (Topic 3)
You have a Computer Vision resource named contoso1 that is hosted in the West US Azure region.
You need to use contoso1 to make a different size of a product photo by using the smart
cropping feature.
How should you complete the API URL? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 282**
- (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework Composer as shown in the exhibit. (Click the Exhibit tab.)

The chatbot contains a dialog named GetUserDetails. GetUserDetails contains a TextInput control that prompts users for their name.
The user input will be stored in a property named name.
You need to ensure that you can dispose of the property when the last active dialog ends. Which scope should you assign to name?

A. dialog
B. user
C. curn
D. conversation

**Answer:** A

**Explanation:**
The dialog scope associates properties with the active dialog. Properties in the dialog scope are retained until the dialog ends.
Reference:
https://docs.microsoft.com/en-us/composer/concept-memory?tabs=v2x

**NEW QUESTION 284**
- (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 288**
- (Topic 3)
You build a Language Understanding model by using the Language Understanding portal. You export the model as a JSON file as shown in the following sample.

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

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

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

**Answer:** A


**NEW QUESTION 289**
DRAG DROP - (Topic 3)
You have a factory that produces cardboard packaging for food products. The factory has intermittent internet connectivity.
The packages are required to include four samples of each product.
You need to build a Custom Vision model that will identify defects in packaging and provide the location of the defects to an operator. The model must ensure that each package contains the four products.
Which project type and domain should you use? To answer, drag the appropriate options to the correct targets. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**




**NEW QUESTION 290**
- (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 291**
- (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 293**
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**

Add a task to the Azure resource.

Approve and reject suggestions.

Publish the knowledge base.

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

For the knowledge base, select Show active learning suggestions.

Save and train the knowledge base.

Select the properties of the Azure Cognitive Services resource.

**Answer Area**

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 298
- (Topic 2)
You are developing the knowledgebase by using Azure Cognitive Search. You need to process wiki content to meet the technical requirements. What should you include in the solution?

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

**Answer:** C

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

## NEW QUESTION 302
DRAG DROP - (Topic 2)
You are developing a solution for the Management-Bookkeepers group to meet the document processing requirements. The solution must contain the following components:
? A form Recognizer resource
? An Azure web app that hosts the Form Recognizer sample labeling tool
The Management-Bookkeepers group needs to create a custom table extractor by using the sample labeling tool.
Which three actions should the Management-Bookkeepers group perform in sequence? To answer, move the appropriate cmdlets from the list of cmdlets to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

**Answer:** A

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

## NEW QUESTION 303
HOTSPOT - (Topic 1)
You are developing the shopping on-the-go project.
You are configuring access to the QnA Maker resources.
Which role should you assign to AllUsers and LeadershipTeam? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

**Answer Area**

AllUsers:

| Cognitive Service User |
|---|
| Contributor |
| Owner |
| QnA Maker Editor |
| QnA Maker Read |

LeadershipTeam:

| Cognitive Service User |
|---|
| Contributor |
| Owner |
| QnA Maker Editor |
| QnA Maker Read |

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 305**
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