Microsoft

Exam Questions AI-102

Designing and Implementing an Azure AI Solution

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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.

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.	○	○

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
- (Topic 3)
You have an Azure IoT hub that receives series data from machinery. You need to build an app that will perform the following actions:
• Perform anomaly detection across multiple correlated sensors
• Identify the root cause of process stops.
• Send incident alerts
The solution must minimize development time. Which Azure service should you use?

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

Answer: D

NEW QUESTION 5
HOTSPOT - (Topic 3)
You are creating an enrichment pipeline that will use Azure Cognitive Search. The knowledge store contains unstructured JSON data and scanned PDF documents that contain text.
Which projection type should you use for each data type? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

JSON data: ▼
File projection
Object projection
Table projection

Scanned data: ▼
File projection
Object projection
Table projection

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Object projection
Object projections are JSON representations of the enrichment tree that can be sourced from any node.
Box 2: File projection
File projections are similar to object projections and only act on the normalized_images collection.

NEW QUESTION 6
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.
You plan to create a new Azure Cognitive Search service named service1.
You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.
Solution: You deploy service1 and a public endpoint, and you configure an IP firewall rule. Does this meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 7
- (Topic 3)
You are building a retail kiosk system that will use a custom neural voice. You acquire audio samples and consent from the voice talent. You need to create a voice talent profile.
What should you upload to the profile?

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

Answer: D

NEW QUESTION 8
- (Topic 3)
You need to upload speech samples to a Speech Studio project. How should you upload the samples?

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

Answer: B

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

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

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

NEW QUESTION 9
- (Topic 3)
You have an Azure subscription. The subscription contains an Azure OpenAI resource that hosts a GPT-3.5 Turbo model named Model1.
You configure Model1 to use the following system message: "You are an AI assistant that helps people solve mathematical puzzles. Explain your answers as if the request is by a 4- year-old."
Which type of prompt engineering technique is this an example of?

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

Answer: D

NEW QUESTION 10
HOTSPOT - (Topic 3)

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

Answer Area

To prevent access from the internet: | Create a private endpoint. ▼

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

To limit access to queries: | Use Azure roles. ▼

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

To prevent access from the internet: | Create a private endpoint. ▼

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

To limit access to queries: | Use Azure roles. ▼

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

NEW QUESTION 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)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure Cognitive Search service.
During the past 12 months, query volume steadily increased.
You discover that some search query requests to the Cognitive Search service are being throttled.
You need to reduce the likelihood that search query requests are throttled. Solution: You enable customer-managed key (CMK) encryption.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Customer-managed key (CMK) encryption does not affect throttling.
Instead, you could migrate to a Cognitive Search service that uses a higher tier.
Note: A simple fix to most throttling issues is to throw more resources at the search service (typically replicas for query-based throttling, or partitions for indexing-based throttling). However, increasing replicas or partitions adds cost, which is why it is important to know the reason why throttling is occurring at all.
Reference:
https://docs.microsoft.com/en-us/azure/search/search-performance-analysis

NEW QUESTION 18
- (Topic 3)
You develop a custom question answering project in Azure Cognitive Service for Language. The project will be used by a chatbot. You need to configure the project to engage in multi-turn conversations. What should you do?

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

Answer: A

NEW QUESTION 23
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	Answer Area
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.	

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 28
- (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 32
- (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 37
HOTSPOT - (Topic 3)
For each of the following statements, select Yes if the statement is tine. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	○	○
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	○	○
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Stream processing has access to the most recent data received or data within a rolling time window.	⊙	○
Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	⊙	○
Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	○	⊙

NEW QUESTION 42
- (Topic 3)
What should you use to automatically delete blobs from Azure Blob Storage?

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

Answer: D

NEW QUESTION 43
DRAG DROP - (Topic 3)
You plan to build a chatbot to support task tracking.
You create a Language Understanding service named lu1.
You need to build a Language Understanding model to integrate into the chatbot. The solution must minimize development time to build the model.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.)

Actions

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

Answer Area

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 47
- (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 52
- (Topic 3)
You are examining the Language service output of an application.
The text analyzed is: Our tour guide took us up the Space Needle during our trip to Seattle last week.
The response contains the data shown in the following table.

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

Which Language service API is used 10 analyze the Text?

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

Answer: B

NEW QUESTION 55
- (Topic 3)
You build a conversational bot named bot1.
You need to configure the bot to use a QnA Maker application.
From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

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

Answer: C

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

NEW QUESTION 60
HOTSPOT - (Topic 3)
You are developing a text processing solution. You have the function shown below.

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

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

For the second argument, you call the function and specify the following string. Our tour of Paris included a visit to the Eiffel Tower.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 63
HOTSPOT - (Topic 3)
You plan to provision Azure Cognitive Services resources by using the following method.

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

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

Answer Area

provision_resource("res1", | FormRecognizer ▼ | "eastus", "S1") ▼
- ComputerVision
- CustomVision.Prediction
- CustomVision.Training
- **FormRecognizer**

- **"eastus", "S1")**
- "useast", "S1")
- "S0", "eastus")
- "S0", "useast")

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

provision_resource("res1", | FormRecognizer ▼ | "eastus", "S1") ▼
- ComputerVision
- CustomVision.Prediction
- CustomVision.Training
- **FormRecognizer**

- **"eastus", "S1")**
- "useast", "S1")
- "S0", "eastus")
- "S0", "useast")
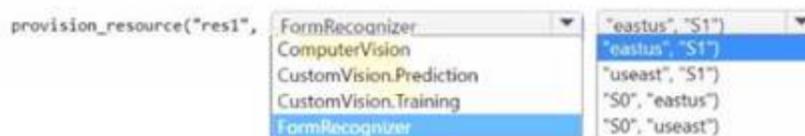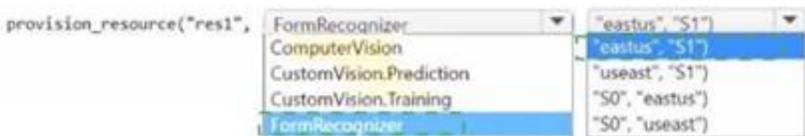
NEW QUESTION 68
- (Topic 3)
You plan to build an app that will generate a list of tags for uploaded images. The app must meet the following requirements:
• Generate tags in a user's preferred language.
• Support English, French, and Spanish.
• Minimize development effort
You need to build a function that will generate the tags for the app. Which Azure service endpoint should you use?

A. Custom Vision image classification

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

Answer: A

NEW QUESTION 72
DRAG DROP - (Topic 3)
You are developing an application that will recognize faults in components produced on a factory production line. The components are specific to your business. You need to use the Custom Vision API to help detect common faults.
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

| Train the classifier model. |
| Upload and tag images. |
| Initialize the training dataset. |
| Train the object detection model. |
| Create a project. |

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Step 1: Create a project Create a new project.
Step 2: Upload and tag the images
Choose training images. Then upload and tag the images.
Step 3: Train the classifier model. Train the classifier

NEW QUESTION 74
- (Topic 3)
You are developing a monitoring system that will analyze engine sensor data, such as rotation speed, angle, temperature, and pressure. The system must generate an alert in response to atypical values.
What should you include in the solution?

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

Answer: C

NEW QUESTION 77
- (Topic 3)
You deploy a web app that is used as a management portal for indexing in Azure Cognitive Search. The app is configured to use the primary admin key.
During a security review, you discover unauthorized changes to the search index. You suspect that the primary access key is compromised.
You need to prevent unauthorized access to the index management endpoint. The solution must minimize downtime.
What should you do next?

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

Answer: C

NEW QUESTION 78
- (Topic 3)
You are building an app that will include one million scanned magazine articles. Each article will be stored as an image file. You need to configure the app to extract text from the images. The solution must minimize development effort. What should you include in the solution?

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

Answer: B

NEW QUESTION 82
- (Topic 3)
You train a Conversational Language Understanding model to understand the natural language input of users.
You need to evaluate the accuracy of the model before deploying it.
What are two methods you can use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

Answer: AC

NEW QUESTION 84
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		Answer Area
Configure disk logging.		
Export model1 to Host1.	➤	⌃
Request approval to run the container.	◄	⌄
Retrain the model.		
Run the container.		

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 86
- (Topic 3)
You are developing a new sales system that will process the video and text from a public- facing website.
You plan to notify users that their data has been processed by the sales system. Which responsible AI principle does this help meet?

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

Answer: D

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

NEW QUESTION 89
HOTSPOT - (Topic 3)
You have an Azure subscription that has the following configurations:
• Subscription ID: 8d3591aa-96b8-4737-ad09-OOf9b1ed35ad
• Tenant ID: 3edfe572-cbS4-3ced-ae12-c5c177f39a12
You plan to create a resource that will perform sentiment analysis and optical character recognition (OCR).
You need to use an HTTP request to create the resource in the subscription. The solution must use a single key and endpoint.
How should you complete the request? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

https://management.azure.com/ | subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad | /resourceGroups/OCRProject/providers/

subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12
subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad
tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12
tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

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

Microsoft.ApiManagement
Microsoft.CognitiveServices
Microsoft.ContainerService
Microsoft.KeyVault

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

https://management.azure.com/ | subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad | /resourceGroups/OCRProject/providers/

subscriptions/3edfe572-cb54-3ced-ae12-c5c177f39a12
subscriptions/8d3591aa-96b8-4737-ad09-00f9b1ed35ad
tenant/3edfe572-cb54-3ced-ae12-c5c177f39a12
tenant/8d3591aa-96b8-4737-ad09-00f9b1ed35ad

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

Microsoft.ApiManagement
Microsoft.CognitiveServices
Microsoft.ContainerService
Microsoft.KeyVault

NEW QUESTION 90
DRAG DROP - (Topic 3)
You have a Custom Vision resource named acvdev in a development environment. You have a Custom Vision resource named acvprod in a production environment.
In acvdev, you build an object detection model named obj1 in a project named proj1. You need to move obj1 to acvprod.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

| Use the ExportProject endpoint on acvdev. |
| Use the GetProjects endpoint on acvdev. |
| Use the ImportProject endpoint on acvprod. |
| Use the ExportIteration endpoint on acvdev. |
| Use the GetIterations endpoint on acvdev. |
| Use the UpdateProject endpoint on acvprod. |

Answer Area
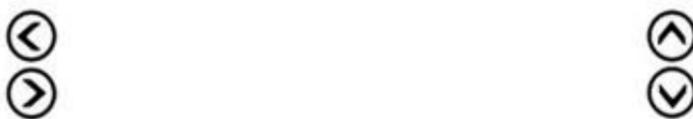
A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

| Use the ExportProject endpoint on acvdev. |
| Use the GetProjects endpoint on acvdev. |
| Use the ImportProject endpoint on acvprod. |
| Use the ExportIteration endpoint on acvdev. |
| Use the GetIterations endpoint on acvdev. |
| Use the UpdateProject endpoint on acvprod. |

Answer Area

| Use the GetProjects endpoint on acvdev. |
| Use the ExportProject endpoint on acvdev. |
| Use the ImportProject endpoint on acvprod. |
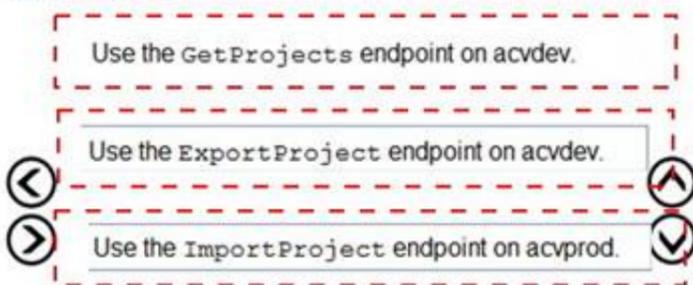
NEW QUESTION 94

- (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
- (Topic 3)
You manage an application that stores data in a shared folder on a Windows server. You need to move the shared folder to Azure Storage. Which type of Azure Storage should you use?

A. table
B. queue
C. file
D. blob

Answer: C

NEW QUESTION 100
- (Topic 3)
You have the following data sources:
? Finance: On-premises Microsoft SQL Server database
? Sales: Azure Cosmos DB using the Core (SQL) API
? Logs: Azure Table storage
? HR: Azure SQL database
You need to ensure that you can search all the data by using the Azure Cognitive Search REST API. What should you do?

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

Answer: B

Explanation:
On-premises Microsoft SQL Server database cannot be used as an index data source. Note: Indexer in Azure Cognitive Search: : Automate aspects of an indexing operation by
configuring a data source and an indexer that you can schedule or run on demand. This feature is supported for a limited number of data source types on Azure.
Indexers crawl data stores on Azure.
? Azure Blob Storage
? Azure Data Lake Storage Gen2 (in preview)
? Azure Table Storage
? Azure Cosmos DB
? Azure SQL Database
? SQL Managed Instance
? SQL Server on Azure Virtual Machines
Reference:
https://docs.microsoft.com/en-us/azure/search/search-indexer-overview#supported-data- sources

NEW QUESTION 101
- (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 labels to the existing model. You retrain the model, and then publish the model.
Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
The model needs to be extended and retrained.

NEW QUESTION 103
- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have a chatbot that uses question answering in Azure Cognitive Service for Language Users report that the responses of the chatbot lark formality when

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

A. Yes
B. No

Answer: B

NEW QUESTION 106
- (Topic 3)
You plan to perform predictive maintenance.
You collect IoT sensor data from 100 industrial machines for a year. Each machine has 50 different sensors that generate data at one-minute intervals. In total, you have 5,000 time series datasets.
You need to identify unusual values in each time series to help predict machinery failures. Which Azure Cognitive Services service should you use?

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

Answer: A

NEW QUESTION 108
- (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
HOTSPOT - (Topic 3)
You are building an Azure web app named App1 that will translate text from English to Spanish.
You need to use the Text Translation REST API to perform the translation. The solution must ensure that you have data sovereignty in the United States.
How should you complete the URI? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 1. api-nam.cognitive.microsofttranslator.com
* 2. translate
https://learn.microsoft.com/en-us/azure/cognitive-services/Translator/reference/v3-0- reference#base-urls
Requests to Translator are, in most cases, handled by the datacenter that is closest to where the request originated. If there's a datacenter failure when using the global endpoint, the request may be routed outside of the geography.
To force the request to be handled within a specific geography, use the desired geographical endpoint. All requests are processed among the datacenters within the geography.
- United States
api-nam.cognitive.microsofttranslator.com
https://learn.microsoft.com/en-us/azure/cognitive-services/translator/reference/rest-api- guide- translate
Translate specified source language text into the target language text.

NEW QUESTION 116
- (Topic 3)
What is a characteristic of a non-relational database?

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

Answer: C

NEW QUESTION 121
HOTSPOT - (Topic 3)
You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint. The application has the following code.

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

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

Statements	Yes	No
The code will add a face image to a person object in a person group.	○	○
The code will work for a group of 10,000 people.	○	○
AddFace can be called multiple times to add multiple face images to a person object.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 123
HOTSPOT - (Topic 3)
You have an app named App1 that uses Azure AI Document Intelligence to analyze
medical You have an app named App1 that uses Azure AI Document Intelligence for patients. You send a request to App1 and receive the following response.

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

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


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

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

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

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 128
- (Topic 3)
You are building a Language Understanding model for an e-commerce chatbot. Users can speak or type their billing address when prompted by the chatbot.
You need to construct an entity to capture billing addresses. Which entity type should you use?

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

Answer: B

Explanation:

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

NEW QUESTION 133
- (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 134
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 137
HOTSPOT - (Topic 3)
You develop a test method to verify the results retrieved from a call to the Computer Vision API. The call is used to analyze the existence of company logos in images. The call returns a collection of brands named brands.
You have the following code segment.

```
foreach (var brand in brands)
{
    if (brand.Confidence >= .75)
        Console.WriteLine($"Logo of {brand.Name} between {brand.Rectangle.X},
{brand.Rectangle.Y} and {brand.Rectangle.W}, {brand.Rectangle.H}");
}
```

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

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	○	○
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	○	○
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
The code will return the name of each detected brand with a confidence equal to or higher than 75 percent.	[○]	○
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	○	[○]
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	○	[○]

NEW QUESTION 138
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A block of code that runs in a database is called

| a stored procedure. |
| a table. |
| a view. |
| an index. |

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A block of code that runs in a database is called

```
a stored procedure.
a table.
a view.
an index.
```

NEW QUESTION 143
- (Topic 3)
You have an Azure Cognitive Search solution and a collection of blog posts that include a category field. You need to index the posts. The solution must meet the following requirements:
• Include the category field in the search results.
• Ensure that users can search for words in the category field.
• Ensure that users can perform drill down filtering based on category. Which index attributes should you configure for the category field?

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

Answer: B

NEW QUESTION 148
DRAG DROP - (Topic 3)
You are developing a call to the Face API. The call must find similar faces from an existing
list named employeefaces. The employeefaces list contains 60,000 images.
How should you complete the body of the HTTP request? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Values

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

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 152
HOTSPOT - (Topic 3)
You are building a chatbot that will provide information to users as shown in the following exhibit.

Passengers
Sarah Hum
Jeremy Goldberg
Evan Litvak

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

San Francisco
Amsterdam

San Francisco
Amsterdam

✈

SFO
AMS

SFO
AMS

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

San Francisco
Amsterdam

San Francisco
Amsterdam

✈

SFO
AMS

SFO
AMS

Total $4,032.54

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

Answer Area

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

▼
an Adaptive Card
a Hero Card
a Thumbnail Card

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

▼
an action set
an image
an image group
media

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 157
DRAG DROP - (Topic 3)
You have 100 chatbots that each has its own Language Understanding model. Frequently, you must add the same phrases to each model.
You need to programmatically update the Language Understanding models to include the new phrases.
How should you complete the code? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.
You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Values

AddPhraseListAsync
Phraselist
PhraselistCreateObject
Phrases
SavePhraselistAsync
UploadPhraseListAsync

Answer Area

```
var phraselistId = await client.Features.[            ]

(appId, versionId, new [            ]

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

});
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 158
- (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 162
- (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 167
DRAG DROP - (Topic 3)
Match the types of workloads to the appropriate scenarios.
To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may he used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 168
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 173
- (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 178
- (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
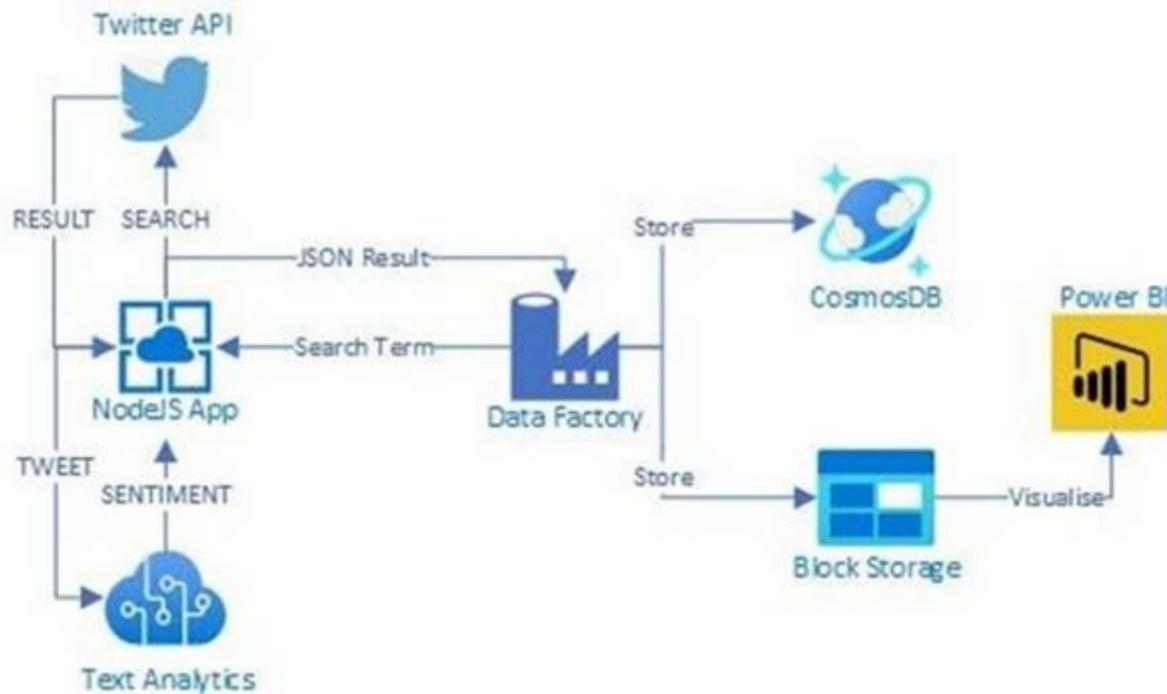
NEW QUESTION 183
DRAG DROP - (Topic 3)
You are building a customer support chatbot.
You need to configure the bot to identify the following:
• Code names for internal product development
• Messages that include credit card numbers The solution must minimize development effort.
Which Azure Cognitive Service for Language feature should you use for each requirement? To answer, drag the appropriate features to the correct requirements.
Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 188
- (Topic 3)
Which Azure Storage service implements the key/value model?

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

Answer: C

NEW QUESTION 192
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**
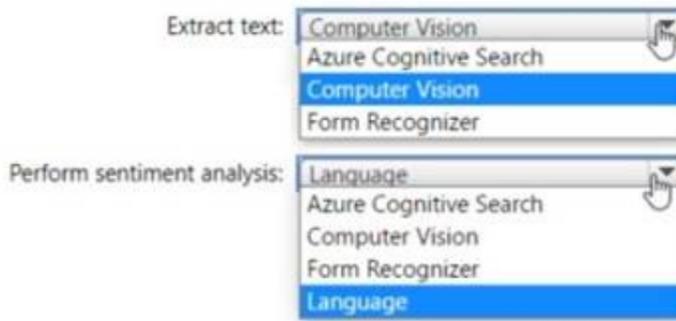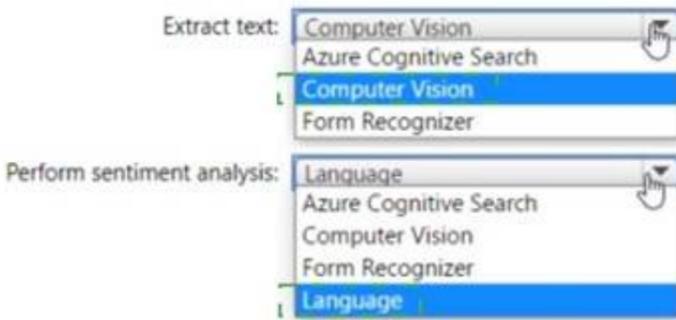
NEW QUESTION 197
HOTSPOT - (Topic 3)
You plan to deploy a containerized version of an Azure Cognitive Services service that will be used for text analysis.
You configure https://contoso.cognitiveservices.azure.com as the endpoint URI for the service, and you pull the latest version of the Text Analytics 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=xxxxxxxxxxxxxxxxxx
```

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 201
DRAG DROP - (Topic 3)
You have a Custom Vision service project that performs object detection. The project uses the General domain for classification and contains a trained model.
You need to export the model for use on a network that is disconnected from the internet. Which three actions should you perform in sequence? To answer, move the appropriate
actions from the list o' actions to the answer area and arrange them in the correct order.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 205
DRAG DROP - (Topic 3)
You Build a bot in JavaScript.
From the Azure Command-Line interface (CLI), you run the following command. az bot prepare-deploy
You need to deploy the bot to Azure.
Which three Azure CLI commands should you run in sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the client order.

Commands		Answer Area
az ad app credential		
az ad app create		
az deployment group create		
az webapp deployment source config-zip		
az ad app update		

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 207
- (Topic 3)
You have an app named App1 that uses an Azure Cognitive Services model to identify anomalies in a time series data stream. You need to run App1 in a location that has limited connectivity. The solution must minimize costs. What should you use to host the model?

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

Answer: B

NEW QUESTION 211
- (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 212
HOTSPOT - (Topic 3)
You are building a chatbot by using the Microsoft Bot Framework SDK.
You use an object named UserProfile to store user profile information and an object named ConversationData to store information related to a conversation.
You create the following state accessors to store both objects in state.
var userStateAccessors = _userState.CreateProperty<UserProfile>(nameof(UserProfile)); var conversationStateAccessors =
_conversationState.CreateProperty<ConversationData>(nameof(ConversationData)); The state storage mechanism is set to Memory Storage.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 213
- (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 214
HOTSPOT - (Topic 3)
You develop an application that uses the Face API. You need to add multiple images to a person group.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 218
- (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 221
- (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 225
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 228
- (Topic 3)
You need to implement a table projection to generate a physical expression of an Azure Cognitive Search index.
Which three properties should you specify in the skillset definition JSON configuration table node? Each correct answer presents part of the solution. (Choose three.)
NOTE: Each correct selection is worth one point.

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

Answer: ABE

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

NEW QUESTION 232
- (Topic 3)
You build a chatbot that uses the Azure OpenAI GPT 3.5 model.
You need to improve the quality of the responses from the chatbot. The solution must minimize development effort.
What are two ways to achieve the goal? Each correct answer presents a complete solution. NOTE: Each correct answer is worth one point.

A. Fine-tune the model.

B. Provide grounding content.
C. Add sample request/response pairs.
D. Retrain the language model by using your own data.
E. Train a custom large language model (LLM).

Answer: BC

NEW QUESTION 236
- (Topic 3)
You are developing a method that uses the Computer Vision client library. The method will perform optical character recognition (OCR) in images. The method has the following code.

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

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

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

        ReadOperationResult results;

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

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

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

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

Answer: BD

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

NEW QUESTION 239
HOTSPOT - (Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 244
- (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 245
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 250
- (Topic 3)
You need to measure the public perception of your brand on social media by using natural language processing. Which Azure service should you use?

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

Answer: D

NEW QUESTION 255
- (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 256
- (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 260
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 261
HOTSPOT - (Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 266
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 270
- (Topic 3)
You need to create a visualization of running sales totals per quarter as shown in the following exhibit.

Sales by Year and Quarter

What should you create in Cower BI Desktop;1

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

Answer: C

NEW QUESTION 273
HOTSPOT - (Topic 3)

You are building a chatbot for a Microsoft Teams channel by using the Microsoft Bot Framework SDK. The chatbot will use the following code.

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

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

Answer Area

Statements	Yes	No
OnMembersAddedAsync will be triggered when a user joins the conversation.	○	○
When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	○	○
OnMembersAddedAsync will be initialized when a user sends a message.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 276
DRAG DROP - (Topic 3)
Match the Azure Cosmos DB APIs to the appropriate data structures.
To answer, drag the appropriate API from the column on the left to its data structure on the right. Each API may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 280
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.

Answer Area

https://	api.cognitive.microsofttranslator.com ▼	/text/analytics/v3.1/entities/recognition/general ▼
	api.cognitive.microsofttranslator.com	/text/analytics/v3.1/entities/recognition/general
	eastus.api.cognitive.microsoft.com	/text/analytics/v3.1/languages
	portal.azure.com	/translator/text/v3.0/translate?to=en
		/translator/text/v3.0/translate?to=fr

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

https://	api.cognitive.microsofttranslator.com ▼	/text/analytics/v3.1/entities/recognition/general ▼
	api.cognitive.microsofttranslator.com	/text/analytics/v3.1/entities/recognition/general
	eastus.api.cognitive.microsoft.com	/text/analytics/v3.1/languages
	portal.azure.com	/translator/text/v3.0/translate?to=en
		/translator/text/v3.0/translate?to=fr

NEW QUESTION 281
- (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 286
- (Topic 3)
What is a primary characteristic of a relational database?

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

Answer: C

NEW QUESTION 291
HOTSPOT - (Topic 3)
You plan to deploy an Azure OpenAI resource by using an Azure Resource Manager
(ARM) template.
You need to ensure that the resource can respond to 600 requests per minute.
How should you complete the template? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 294
HOTSPOT - (Topic 3)
You are developing a text processing solution. You develop the following method.

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

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

You call the method by using the following code. GetKeyPhrases(textAnalyticsClient, "the cat sat on the mat");

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

Answer Area

Statements	Yes	No
The call will output key phrases from the input string to the console.	○	○
The output will contain the following words: the, cat, sat, on, and mat.	○	○
The output will contain the confidence level for key phrases.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
The Key Phrase Extraction API evaluates unstructured text, and for each JSON document, returns a list of key phrases.
Box 2: No
'the' is not a key phrase.
This capability is useful if you need to quickly identify the main points in a collection of documents. For example, given input text "The food was delicious and there were wonderful staff", the service returns the main talking points: "food" and "wonderful staff".
Box 3: No
Key phrase extraction does not have confidence levels.

NEW QUESTION 295
- (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 296
- (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 301
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 302
- (Topic 2)
You are developing the document processing workflow.
You need to identify which API endpoints to use to extract text from the financial documents. The solution must meet the document processing requirements.
Which two API endpoints should you identify? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

Answer: BC

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

NEW QUESTION 303
HOTSPOT - (Topic 2)
You build a QnA Maker resource to meet the chatbot requirements.
Which RBAC role should you assign to each group? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

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

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

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

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 308
- (Topic 2)
You need to develop an extract solution for the receipt images. The solution must meet the document processing requirements and the technical requirements.
You upload the receipt images to the From Recognizer API for analysis, and the API ret urns the following JSON.

```
"documentResults":[
    {
        "docType":"prebuilt:receipt",
        "pageRange":[
            1,
            1
        ],
        "fields":{
            "ReceiptType":{
                "type":"string",
                "valueString":"Itemized",
                "confidence":0.672
            },
            "MerchantName":{
                "type":"string",
                "valueString":"Tailwind",
                "text":"Tailwind",
                "boundingBox":[],
                "page":1,
                "confidence":0.913,
                "elements":[
                    "#/readResults/0/lines/0/words/0"
                ]
            },
    ...
```

Which expression should you use to trigger a manual review of the extracted information by a member of the Consultant-Bookkeeper group?

A. documentResults.docType == "prebuilt:receipt"
B. documentResults.fields.".confidence < 0.7
C. documentResults.fields.ReceiptType.confidence > 0.7
D. documentResults.fields.MerchantName.confidence < 0.7

Answer: D

Explanation:
Need to specify the field name, and then use < 0.7 to handle trigger if confidence score is less than 70%.
Reference:
https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/api-v2-0/reference-sdk-api-v2-0

NEW QUESTION 313
DRAG DROP - (Topic 1)
You are planning the product creation project.
You need to recommend a process for analyzing videos.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.)

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Scenario: All videos must have transcripts that are associated to the video and included in product descriptions.

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

NEW QUESTION 318
HOTSPOT - (Topic 1)
You are developing the shopping on-the-go project. You need to build the Adaptive Card for the chatbot.
How should you complete the code? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

```
version": "1.3",
"body": [
    {
        "type": "TextBlock",
        "size": "Medium",
        "weight": "Bolder",
        "text": "${                 ▼ }"
                  if(language = = 'en', 'en', name)
                  name
                  name.en
                  name[language]
    },
    {
        "type": "TextBlock",
                                     ▼
        "$when": "${stockLevel ! = 'OK'}"
        "$when": "${stockLevel = = 'OK'}"
        "$when": "${stockLevel.OK}"
        color : Attention
    },
    {
        "type": "Image",
        "url": "${image.uri}",
        "size": "Medium",
        "alText": "${                ▼ }"
                    image.altText.en
                    image.altText.language
                    image.altText["language"]
                    image.altText[language]
    }
]
}
```

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 321
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Relate Links

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