

Microsoft

Exam Questions AI-102

Designing and Implementing an Azure AI Solution



NEW QUESTION 1

HOTSPOT - (Topic 3)

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

NOTE: Each correct selection is worth one point.

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 2

HOTSPOT - (Topic 3)

You build a chatbot by using Azure OpenAI Studio.

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

NOTE: Each correct answer is worth one point.

Answer Area

Chat session

Clear chat

View code

Show raw JSON

Start chatting

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

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

Configuration

Deployment

Parameters

Max response

Temperature

Top P

Stop sequence

Frequency penalty

Presence penalty

800

0.7

0.9

Stop sequences

0

0

Learn more

Current token count

Input tokens progress indicator

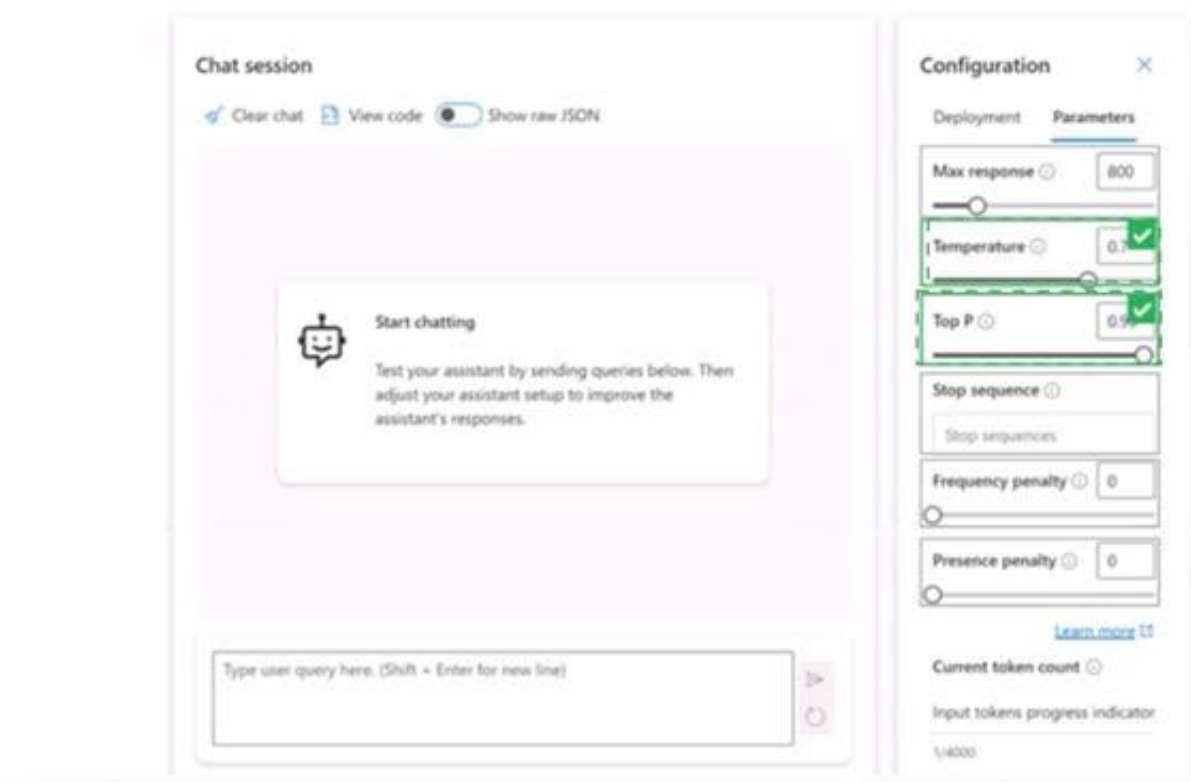
1/4000

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 3

- (Topic 3)

Your company uses an Azure Cognitive Services solution to detect faces in uploaded images. The method to detect the faces uses the following code.

```
static async Task DetectFaces(string imagePath)
{
    HttpClient client = new HttpClient();
    DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", subscriptionKey);
    string requestParameter = "detectionModel=detection_01&returnFaceId=true&returnFaceLandmarks=false";
    string uri = endpoint + "/face/v1.0/detect?" + requestParameters;
    HttpResponseMessage response;
    byte[] byteData = GetImagesAsByteArray(imageFilePath);
    using (ByteArrayContent content = new ByteArrayContent(byteData))
    {
        Headers.ContentType = new MediaTypeHeaderValue("application/octet-stream");
        response = await PostAsync(uri, content);
        string contentString = await Content.ReadAsStringAsync();
        ProcessDetection(contentString);
    }
}
```

You discover that the solution frequently fails to detect faces in blurred images and in images that contain sideways faces.

- A. Use a different version of the Face API.
- B. Use the Computer Vision service instead of the Face service.
- C. Use the Identify method instead of the Detect method.
- D. Change the detection model. You need to increase the likelihood that the solution can detect faces in blurred images and images that contain sideways faces. What should you do?

Answer: D

Explanation:

Evaluate different models.

The best way to compare the performances of the detection models is to use them on a sample dataset. We recommend calling the Face - Detect API on a variety of images, especially images of many faces or of faces that are difficult to see, using each detection model. Pay attention to the number of faces that each model returns.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/specify-detection-model>

NEW QUESTION 4

- (Topic 3)

You have an Azure subscription. The subscription contains an Azure OpenAI resource that hosts a GPT-4 model named Model1 and an app named App1. App1 uses Model1.

You need to ensure that App1 will NOT return answers that include hate speech. What should you configure for Model1?

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

Answer: B

NEW QUESTION 5

- (Topic 3)

You are building a chatbot.

You need to configure the bot to guide users through a product setup process. Which type of dialog should you use?

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

D. action

Answer: B

NEW QUESTION 6

- (Topic 3)

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

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

You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.

You plan to create a new Azure Cognitive Search service named service1.

You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.

Solution: You deploy service1 and a public endpoint, and you configure an IP firewall rule. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Reference:

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

NEW QUESTION 7

HOTSPOT - (Topic 3)

You are building a chatbot.

You need to use the Content Moderator service to identify messages that contain sexually explicit language.

Which section in the response from the service will contain the category score, and which category will be assigned to the message? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Section:
 pii
 Terms

Category:
 1
 2
 3

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Section:
 pii
 Terms

Category:
 1
 2
 3

NEW QUESTION 8

- (Topic 3)

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

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

You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.

You need to add the new images to the classifier.

Solution: You create a new model, and then upload the new images and labels. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

The model needs to be extended and retrained.

NEW QUESTION 9

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

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

NEW QUESTION 10

- (Topic 3)

You 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

- (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 12

- (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 15

- (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 17

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 <code>docker run</code> 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 19

- (Topic 3)

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

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

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

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

Answer: D

NEW QUESTION 20

- (Topic 3)

Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance. Which Azure service should you use?

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

Answer: B

NEW QUESTION 21

- (Topic 3)

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

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

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

named FindContact.

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

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

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

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead use a new intent for location.

Note: An intent represents a task or action the user wants to perform. It is a purpose or goal expressed in a user's utterance.

Define a set of intents that corresponds to actions users want to take in your application. Reference:

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

NEW QUESTION 22

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
	Stream processing has access to the most recent data received or data within a rolling time window.	<input type="radio"/>	<input type="radio"/>
	Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	<input type="radio"/>	<input type="radio"/>
	Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	<input type="radio"/>	<input type="radio"/>

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.	<input checked="" type="radio"/>	<input type="radio"/>
	Batch processing must occur immediately and have latency in the order of seconds or milliseconds.	<input checked="" type="radio"/>	<input type="radio"/>
	Stream processing is used for simple response functions, aggregates, or calculations such as rolling averages.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 23

- (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 25

DRAG DROP - (Topic 3)

You have an app that manages feedback.

You need to ensure that the app can detect negative comments by using the Sentiment Analysis API in Azure Cognitive Service for Language. The solution must

ensure that the managed feedback remains on your company's internal network.

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

NOTE: More than one order of answer choices is correct You will receive credit for any of the correct orders you select.

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

A. Mastered

B. Not Mastered

Answer: A

Explanation:

? Provision the Language service resource in Azure.

? Deploy a Docker container to an on-premises server.

? Run the container and query the prediction endpoint.

? According to the Microsoft documentation, the Language service is a cloud-based service that provides various natural language processing features, such as sentiment analysis, key phrase extraction, named entity recognition, etc. You can provision the Language service resource in Azure by following the steps in Create a Language resource. You will need to provide a name, a subscription, a resource group, a region, and a pricing tier for your resource. You will also get a key and an endpoint for your resource, which you will use to authenticate your requests to the Language service API.

? According to the Microsoft documentation, you can also use the Language service as a container on your own premises or in another cloud. This option gives you more control over your data and network, and allows you to use the Language service without an internet connection. You can deploy a Docker container to an on-premises server by following the steps in Deploy Language containers. You will need to have Docker installed on your server, pull the container image from the Microsoft Container Registry, and run the container with the appropriate parameters. You will also need to activate your container with your key and endpoint from your Azure resource.

? According to the Microsoft documentation, once you have deployed and activated your container, you can run it and query the prediction endpoint to get sentiment analysis results. The prediction endpoint is a local URL that follows this format: `http://<container IP address>:<port>/text/analytics/v3.1-preview.4/sentiment`. You can send HTTP POST requests to this endpoint with your text input in JSON format, and receive JSON responses with sentiment labels and scores for each document and sentence in your input.

NEW QUESTION 28

- (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 30

- (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 to analyze the Text?

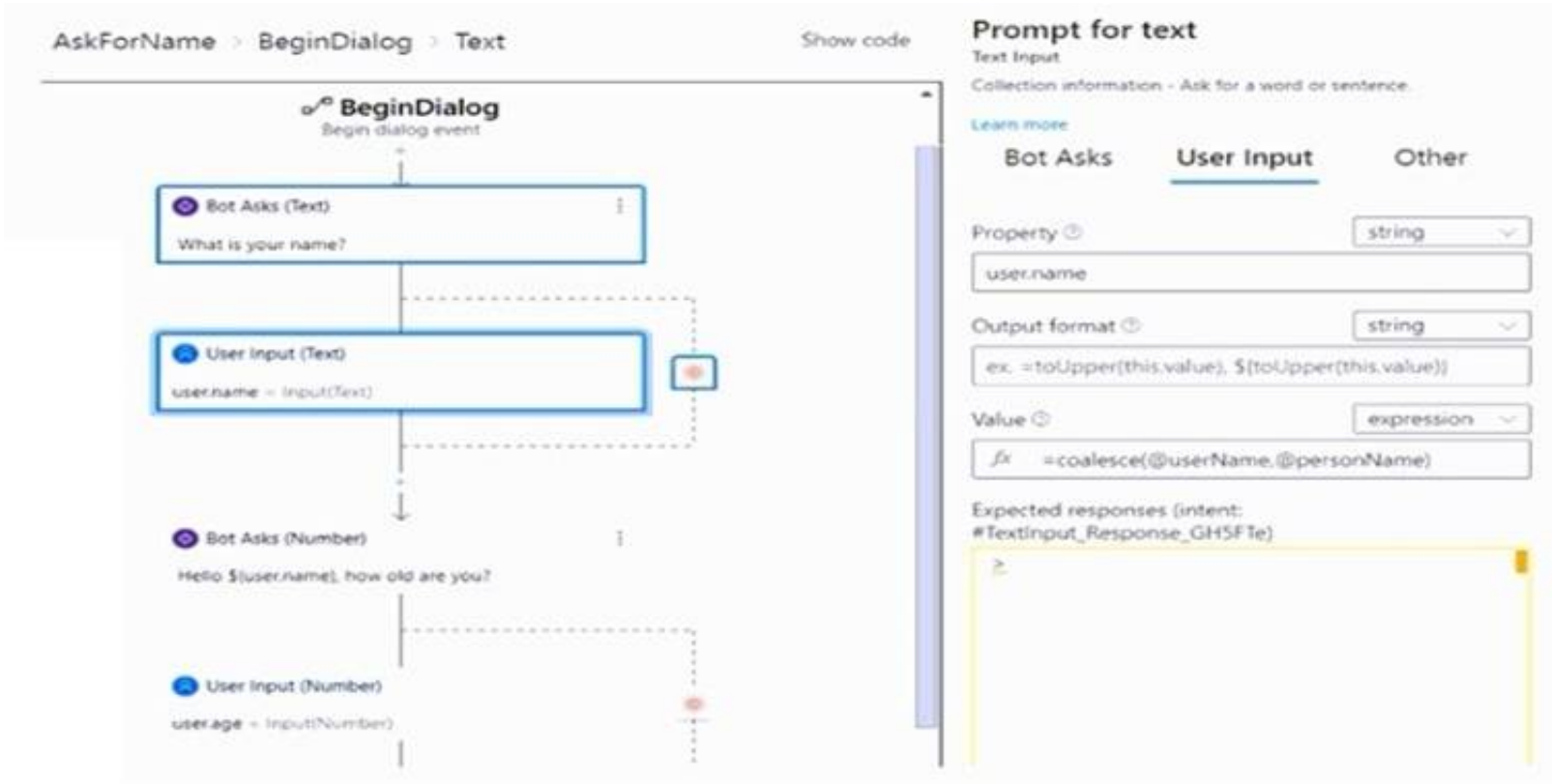
- A. Entity Linking
- B. Named Entity Recognition
- C. Key Phrase Extraction
- D. Sentiment Analysis

Answer: B

NEW QUESTION 35

HOTSPOT - (Topic 3)

You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.



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

Answer Area

Statements	Yes	No
user.name is an entity.	<input type="radio"/>	<input type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for username Of personname and assigns the value to user.name.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
user.name is an entity.	<input type="radio"/>	<input checked="" type="radio"/>
The dialog asks for a user name and a user age and assigns appropriate values to the user.name and user.age properties.	<input checked="" type="radio"/>	<input type="radio"/>
The chatbot attempts to take the first non-null entity value for username Of personname and assigns the value to user.name.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 36

- (Topic 3)

What ate two uses of data visualization? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

Answer: AB

NEW QUESTION 39

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($"{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.	<input type="radio"/>	<input type="radio"/>
The output will include the following words: Paris, Eiffel, and Tower.	<input type="radio"/>	<input type="radio"/>
The function will output all the key phrases from the input string to the console.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 43

- (Topic 3)
You are building a chatbot by using Microsoft Bot Framework Composer.
You need to configure the chatbot to present a list of available options. The solution must ensure that an image is provided for each option.
Which two features should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. an Azure function
- B. an adaptive card
- C. an entity
- D. a dialog
- E. an utterance

Answer: BD

NEW QUESTION 47

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

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

Answer: B

NEW QUESTION 51

- (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 54

- (Topic 3)

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

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

Answer: A

NEW QUESTION 55

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

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

NEW QUESTION 58

- (Topic 3)

You have an Azure subscription that contains a Language service resource named ta1 and a virtual network named vnet1. You need to ensure that only resources in vnet1 can access ta1. What should you configure?

- A. a network security group (NSG) for vnet1
- B. Azure Firewall for vnet1
- C. the virtual network settings for ta 1
- D. a Language service container for ta1

Answer: C

NEW QUESTION 61

- (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 63

- (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 64

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 67

- (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 72

- (Topic 3)

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

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

Answer: DE

Explanation:

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

NEW QUESTION 73

- (Topic 3)

You need to build a chatbot that meets the following requirements:

? Supports chit-chat, knowledge base, and multilingual models

? Performs sentiment analysis on user messages

? Selects the best language model automatically

What should you integrate into the chatbot?

A. QnA Maker, Language Understanding, and Dispatch

B. Translator, Speech, and Dispatch

C. Language Understanding, Text Analytics, and QnA Maker

D. Text Analytics, Translator, and Dispatch

Answer: C

Explanation:

Language Understanding: An AI service that allows users to interact with your applications, bots, and IoT devices by using natural language.

QnA Maker is a cloud-based Natural Language Processing (NLP) service that allows you to create a natural conversational layer over your data. It is used to find the most appropriate answer for any input from your custom knowledge base (KB) of information.

Text Analytics: Mine insights in unstructured text using natural language processing (NLP)—no machine learning expertise required. Gain a deeper understanding of customer opinions with sentiment analysis. The Language Detection feature of the Azure Text Analytics REST API evaluates text input

Reference:

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

NEW QUESTION 75

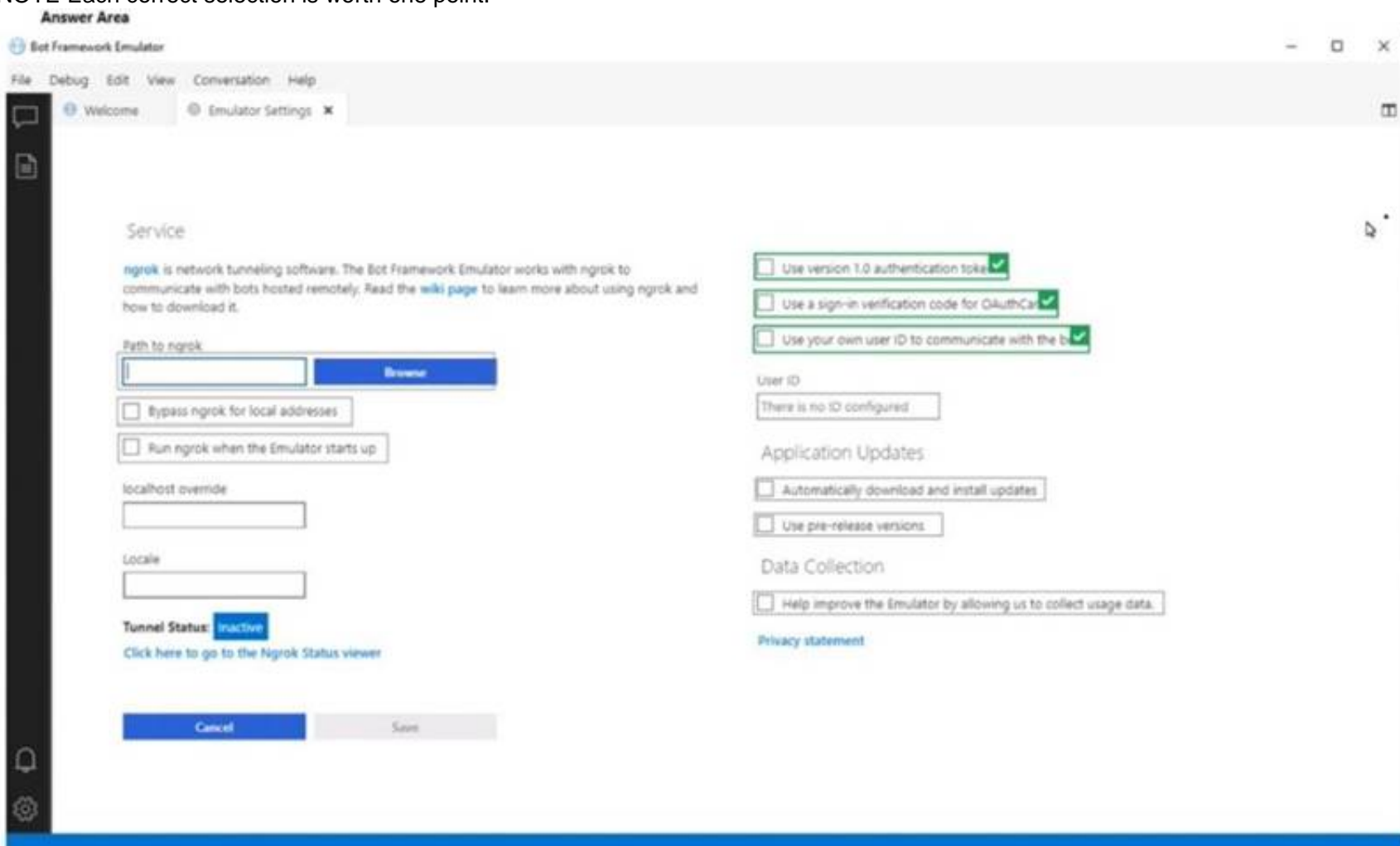
HOTSPOT - (Topic 3)

You have a chatbot.

You need to test the bot by using the Bot Framework Emulator. The solution must ensure that you are prompted for credentials when you sign in to the bot.

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

NOTE Each correct selection is worth one point.

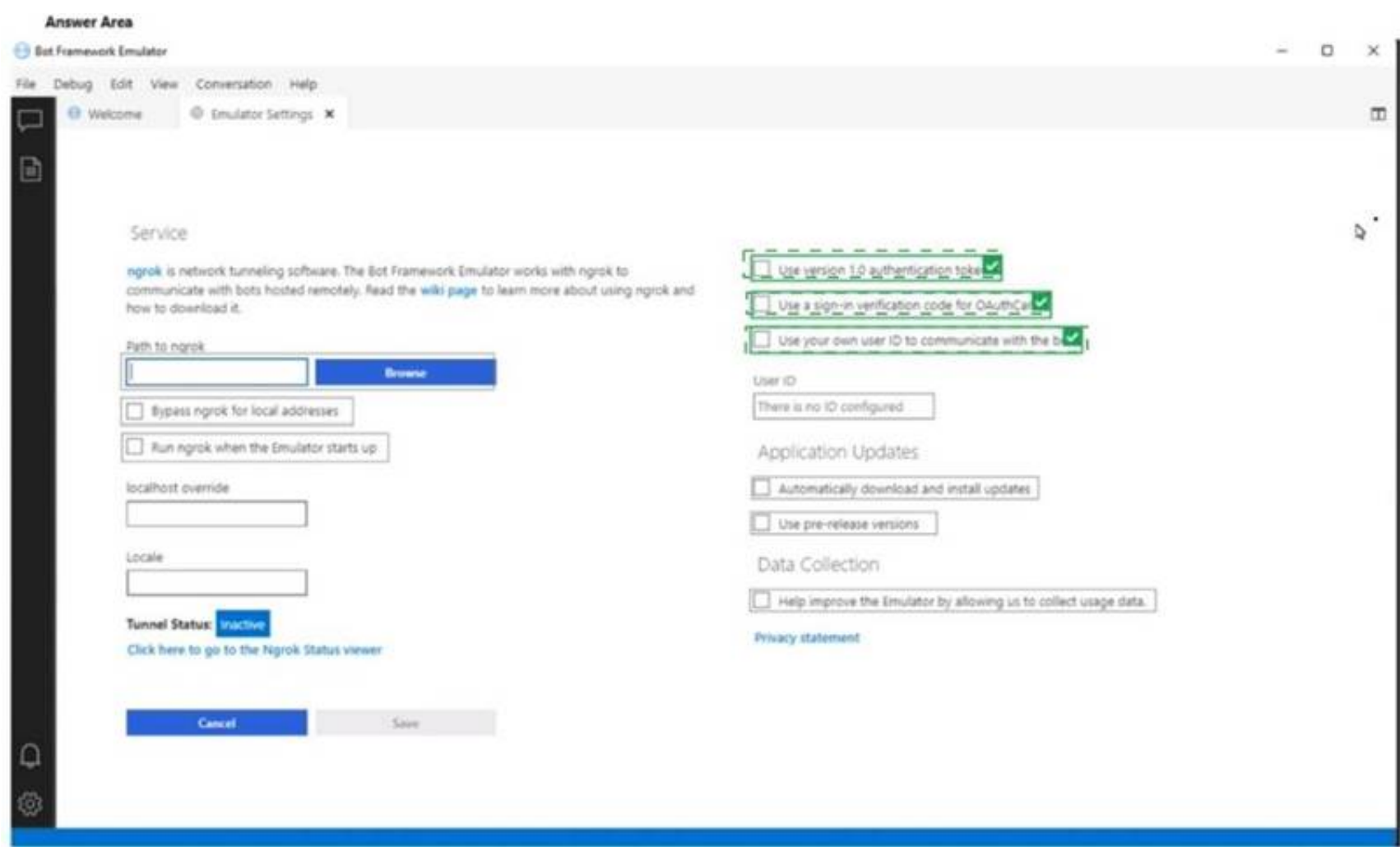


A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 78

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 79

- (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 81

- (Topic 3)

You are developing a solution to generate a word cloud based on the reviews of a company's products. Which Text Analytics REST API endpoint should you use?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 83

- (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 85

- (Topic 3)

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

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

Answer: A

NEW QUESTION 86

HOTSPOT - (Topic 3)

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 87

- (Topic 3)

Which property of a transactional workload guarantees that each transaction is treated as a single unit that either succeeds completely or tails completely?

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

Answer: B

NEW QUESTION 92

HOTSPOT - (Topic 3)

You have an app named App1 that uses Azure AI Document Intelligence to analyze medical You have an app named App1 that uses Azure AI Document Intelligence for patients. You send a request to App1 and receive the following response.

```
{
  "status": "succeeded",
  "createdDateTime": "2023-09-14T21:01:02Z",
  "lastUpdatedDateTime": "2023-09-14T21:01:03Z",
  "analyzeResult": {
    "apiVersion": "2023-07-31",
    "modelId": "prebuilt-healthInsuranceCard.us",
    "stringIndexType": "utf16CodeUnit",
    "content": "Blood Pressure 118/72",
    "pages": [
      {
        ...
        "words": [
          {
            "content": "Blood",
            "polygon": [ ... ],
            "confidence": 0.766,
            "span": { ... }
          },
          {
            "content": "Pressure",
            "polygon": [ ... ],
            "confidence": 0.716,
            "span": { ... }
          },
          {
            "content": "118/72",
            "polygon": [ ... ],
            "confidence": 0.761,
            "span": { ... }
          }
        ],
        ...
      },
      {
        "documents": [
          {
            "docType": "healthInsuranceCard.us",
            "boundingRegions": [ ... ]
          }
        ],
        "fields": {},
        "confidence": 1,
        "spans": [ - ]
      }
    ]
  }
}
```

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

Answer Area			
Statements		Yes	No
The chosen model is suitable for the intended use case.		<input type="radio"/>	<input type="radio"/>
The text content was recognized with greater than 70 percent confidence.		<input type="radio"/>	<input type="radio"/>
The form elements were recognized with greater than 70 percent confidence.		<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

The chosen model is suitable for the intended use case.

Yes

☐

No

☒

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

☒
☐

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

☐
☒

NEW QUESTION 96

- (Topic 3)

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

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

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

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

Answer: B

NEW QUESTION 99

- (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 104

- (Topic 3)

You plan create an index for an Azure Cognitive Search service by using the Azure portal. The Cognitive Search service will connect to an Azure SQL database

The Azure SQL database contains a table named UserMessages. Each row m User

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

Users win perform full text searches against the MessageCopy field, and the values of the field will be shown to the users-

You need to configure the properties of the index for the MessageCopy field to support the solution.

Winch attributes should you enable for the field?

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

Answer: A

NEW QUESTION 108

- (Topic 3)

Your company wants to reduce how long it takes for employees to log receipts in expense reports. All the receipts are in English.

You need to extract top-level information from the receipts, such as the vendor and the transaction total. The solution must minimize development effort.

Which Azure Cognitive Services service should you use?

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

Answer: B

Explanation:

Azure Form Recognizer is a cognitive service that lets you build automated data processing software using machine learning technology. Identify and extract text, key/value pairs, selection marks, tables, and structure from your documents—the service outputs structured data that includes the relationships in the original file, bounding boxes, confidence and more.

Form Recognizer is composed of custom document processing models, prebuilt models for invoices, receipts, IDs and business cards, and the layout model.

Reference:

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

NEW QUESTION 111

- (Topic 3)

You create five bots by using Microsoft Bot Framework Composer.

You need to make a single bot available to users that combines the bots. The solution must support dynamic routing to the bots based on user input.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

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

Answer: ABF

NEW QUESTION 114

HOTSPOT - (Topic 3)

You are reviewing the design of a chatbot. The chatbot includes a language generation file that contains the following fragment.

```
# Greet(user)
```

```
- ${Greeting()}, ${user.name}
```

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
<code>\${user.name}</code> retrieves the user name by using a prompt.	<input type="radio"/>	<input type="radio"/>
<code>Greet ()</code> is the name of the language generation template.	<input type="radio"/>	<input type="radio"/>
<code>\${Greeting () }</code> is a reference to a template in the language generation file.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

Example: Greet a user whose name is stored in `user.name`

```
- ${ welcomeUser(user.name) }
```

Example: Greet a user whose name you don't know:

```
- ${ welcomeUser() }
```

Box 2: No

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

NEW QUESTION 115

- (Topic 3)

You are building a Conversational Language Understanding model.

You need to ensure that the model will support the following sample utterances:

- Set all the lights to on.
 - Turn off the lights in the living room.
 - What is the current thermostat temperature?
 - Lower the temperature of the thermostat by five degrees. Which three elements should you add to the model?
- Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. a location Intent
- B. a change setting entity
- C. a device intent
- D. a change setting intent
- E. a query setting intent
- F. a device entity

Answer: BCF

NEW QUESTION 119

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.	<input type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input type="radio"/>

- 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.	<input checked="" type="radio"/>	<input type="radio"/>
The code will return coordinates for the bottom-left corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input checked="" type="radio"/>
The code will return coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 120

- (Topic 3)
You are building a flight booking bot by using the Microsoft Bot Framework SDK.
The bot will ask users for their departure date. The bot must repeat the question until a valid date is given, or the users cancel the transaction.
Which type of dialog should you use?

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

Answer: A

NEW QUESTION 123

- (Topic 3)
You have a text-based chatbot.
You need to enable content moderation by using the Text Moderation API of Content Moderator. Which two service responses should you use? Each correct answer presents part of the solution NOTE: Each correct selection is worth one point.

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

Answer: AD

NEW QUESTION 126

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 127

- (Topic 3)

You are building a bot on a local computer by using the Microsoft Bot Framework. The bot will use an existing Language Understanding model. You need to translate the Language Understanding model locally by using the Bot Framework CLI. What should you do first?

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

Answer: B

Explanation:

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

NEW QUESTION 131

HOTSPOT - (Topic 3)

You are building an app by using the Speech SDK. The app will translate speech from French to German by using natural language processing. You need to define the source language and the output language. How should you complete the code? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point.

Answer Area

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

SpeechRecognitionLanguage

AddTargetLanguage

SpeechRecognitionLanguage

SpeechSynthesisLanguage

TargetLanguages

VoiceName

= "fr"

```
speech_translation_config.
```

SpeechSynthesisLanguage

AddTargetLanguage

SpeechRecognitionLanguage

SpeechSynthesisLanguage

TargetLanguages

VoiceName

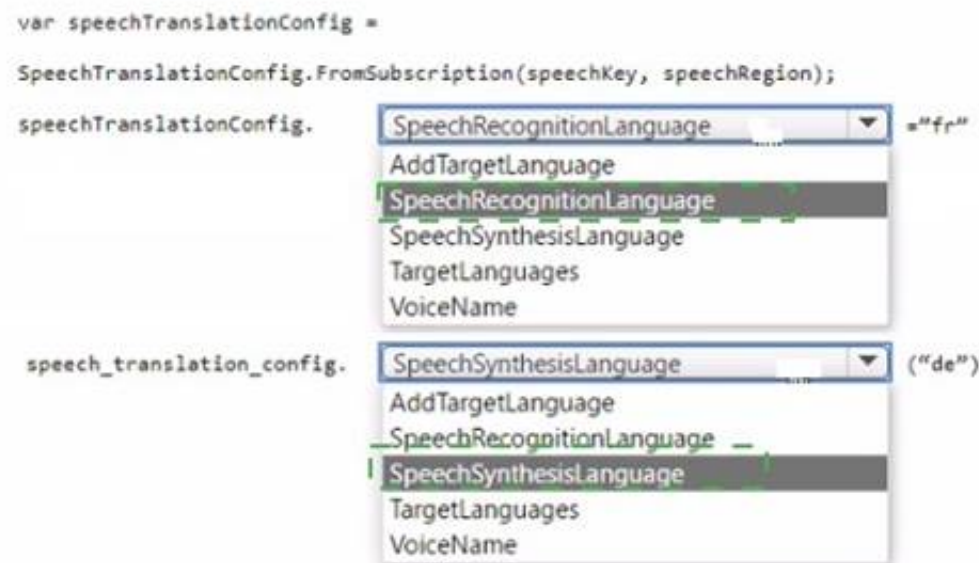
("de")

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 135

- (Topic 3)

You are training a Language Understanding model for a user support system.

You create the first intent named GetContactDetails and add 200 examples. You need to decrease the likelihood of a false positive.

What should you do?

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

Answer: A

Explanation:

Active learning is a technique of machine learning in which the machine learned model is used to identify informative new examples to label. In LUIS, active learning refers to adding utterances from the endpoint traffic whose current predictions are unclear to improve your model.

Reference:

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

NEW QUESTION 138

HOTSPOT - (Topic 3)

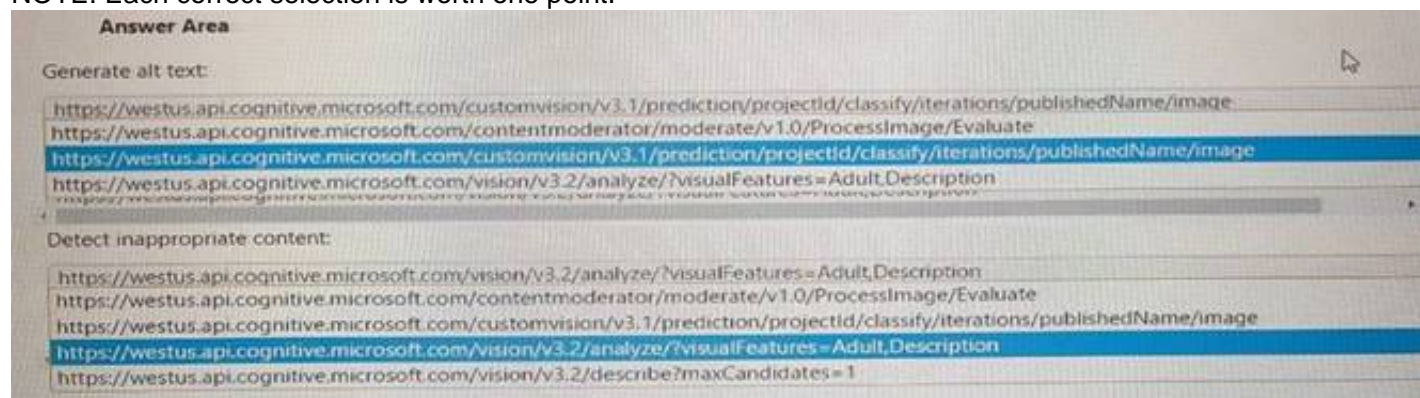
You are building an app that will enable users to upload images. The solution must meet the following requirements:

- Automatically suggest alt text for the images.
- Detect inappropriate images and block them.
- Minimize development effort.

You need to recommend a computer vision endpoint for each requirement.

What should you recommend? To answer, select the appropriate options in the answer area.

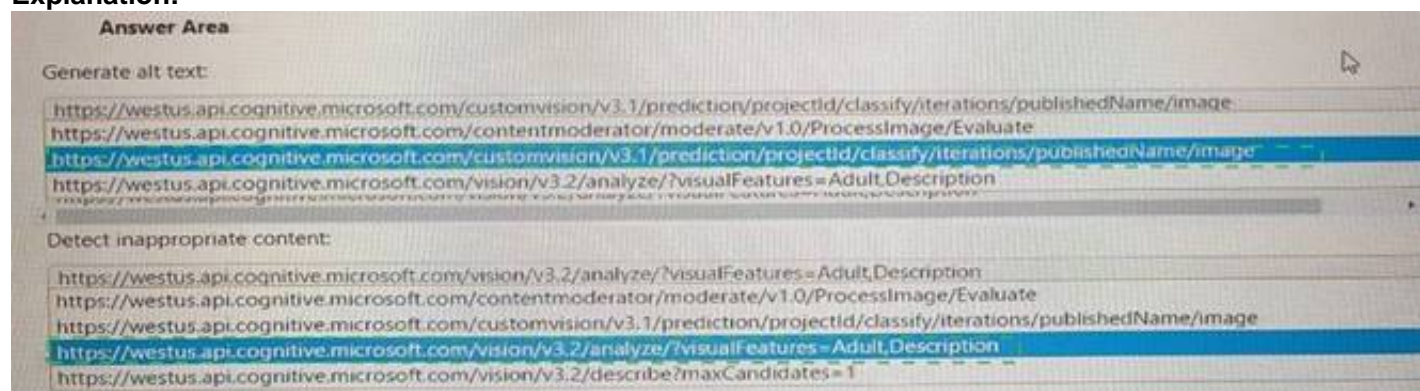
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 141

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated

goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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

You create a web app named app1 that runs on an Azure virtual machine named vm1. Vm1 is on an Azure virtual network named vnet1.

You plan to create a new Azure Cognitive Search service named service1.

You need to ensure that app1 can connect directly to service1 without routing traffic over the public internet.

Solution: You deploy service1 and a private endpoint to vnet1. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

A private endpoint is a network interface that uses a private IP address from your virtual network. This network interface connects you privately and securely to a service powered by Azure Private Link. By enabling a private endpoint, you're bringing the service into your virtual network.

The service could be an Azure service such as:

? Azure Storage

? Azure Cosmos DB

? Azure SQL Database

? Your own service using a Private Link Service.

Reference:

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

NEW QUESTION 146

- (Topic 3)

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

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

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

questions

You need to ensure that the chatbot provides formal responses to spurious questions. Solution: From Language Studio, you change the chitchat source to

qna_chitchat_professional.tsv. and then retrain and republish the model. Does this meet the goal?

A. Yes

B. No

Answer: A

NEW QUESTION 149

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	Answer Area
"faceListId"	{
"LargeFaceListId"	"faceId": "18c51a87-3a69-47a8-aedc-a54745f708a1",
"matchFace"	<input type="text"/> : "employeefaces",
"matchPerson"	"maxNumOfCandidatesReturned": 1,
	"mode": <input type="text"/>
	}

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



Non-Stop

Fri, Jun 2, 2017 11:55 PM



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 156

- (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 159

- (Topic 3)

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

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

You have an Azure Cognitive Search service.

During the past 12 months, query volume steadily increased.

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

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

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

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

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

Reference:

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

NEW QUESTION 163

DRAG DROP - (Topic 3)

You develop an app in O named App1 that performs speech-to-speech translation. You need to configure App1 to translate English to German.

How should you complete the speechTransiationConf ig object? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

addTargetLanguage

speechSynthesisLanguage

speechRecognitionLanguage

voiceName

Answer Area

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);  
  
translationConfig. = "en-US";  
translationConfig. ("de");
```

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Values

addTargetLanguage

speechSynthesisLanguage

speechRecognitionLanguage

voiceName

Answer Area

```
var translationConfig = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);  
  
translationConfig. speechRecognitionLanguage = "en-US";  
translationConfig. addTargetLanguage ("de");
```

NEW QUESTION 165

DRAG DROP - (Topic 3)

You have a monitoring solution that uses the Azure AI Anomaly Detector service. You provision a server named Server1 that has intermittent internet access.

You need to deploy the Azure AI Anomaly Detector to Server 1.

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

Actions

From Server1, run the docker push command.

Query the prediction endpoint of the Azure AI Anomaly Detector in Azure.

Install the Docker Engine on Server1.

From Server1, run the docker pull command.

From Server1, run the docker run command.

Query the prediction endpoint on Server1.

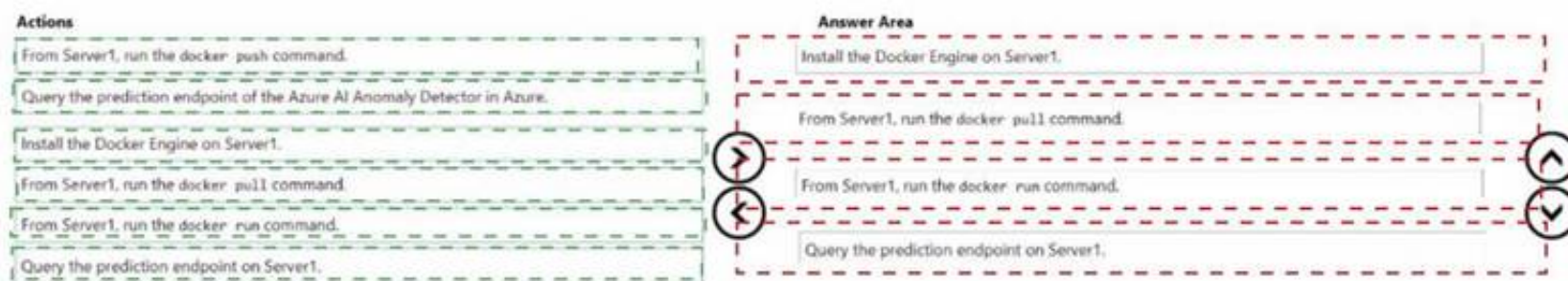
Answer Area

A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 169

- (Topic 3)

You are developing a new sales system that will process the video and text from a public- facing website.

You plan to monitor the sales system to ensure that it provides equitable results regardless of the user's location or background.

Which two responsible AI principles provide guidance to meet the monitoring requirements? Each correct answer presents part of the solution. (Choose two.)

NOTE: Each correct selection is worth one point.

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

Answer: BC

Explanation:

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

NEW QUESTION 171

- (Topic 3)

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

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

Which API call should you perform?

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

Answer: D

NEW QUESTION 176

- (Topic 3)

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

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

During testing, users report that the chatbot responds correctly to the following question: What is the price of < product>?

The chatbot fails to respond to the following question: How much does <product* cost? You need to ensure that the chatbot responds correctly to both questions.

Solution: From Language Studio, you create an entity for cost, and then retrain and republish the model.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 178

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

Answer Area

Email

List

Regex

GeographyV2

Machine learned

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 182

- (Topic 3)

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

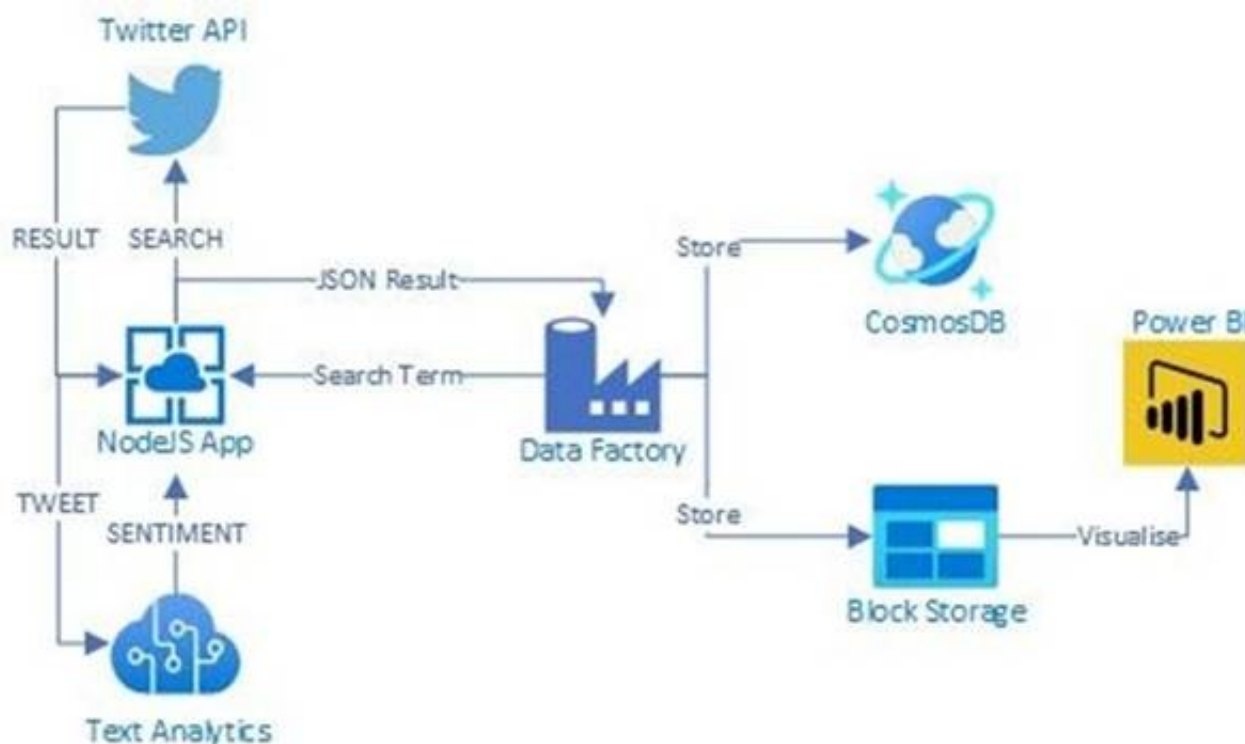
- A. Text Analytics
 B. Content Moderator
 C. Computer Vision
 D. Form Recognizer

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 185

DRAG DROP - (Topic 3)

You are building a customer support chatbot.

You need to configure the bot to identify the following:

- Code names for internal product development
- Messages that include credit card numbers The solution must minimize development effort.

Which Azure Cognitive Service for Language feature should you use for each requirement? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

NOTE: Each correct selection is worth one point.

Features

Custom named entity recognition (NER)

Key phrase extraction

Language detection

Named Entity Recognition (NER)

Personally identifiable information (PII) detection

Sentiment analysis

Answer Area

Identify code names for internal product development:

Identify messages that include credit card numbers:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Features

Custom named entity recognition (NER)

Key phrase extraction

Language detection

Named Entity Recognition (NER)

Personally identifiable information (PII) detection

Sentiment analysis

Answer Area

Identify code names for internal product development:

Custom named entity recognition (NER)

Identify messages that include credit card numbers:

Personally identifiable information (PII) detection

NEW QUESTION 189

DRAG DROP - (Topic 3)

You need to develop an automated call handling system that can respond to callers in their own language. The system will support only French and English. Which Azure Cognitive Services service should you use to meet each requirement? To answer, drag the appropriate services to the correct requirements. Each service may be used once, more than once, or not at all. You may need to drag the split bat between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Services

Speaker Recognition

Speech to Text

Text Analytics

Text to Speech

Translator

Answer Area

Detect the incoming language:

Respond in the callers' own language:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Text Analytics

The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.

Box 2: Translator

Translator is a cloud-based neural machine translation service that is part of the Azure Cognitive Services family of REST APIs. Translator can be used with any operating system and powers many Microsoft products and services used by thousands of businesses worldwide to perform language translation and other language-related operations.

NEW QUESTION 191

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 196

- (Topic 3)

You are building a bot by using Microsoft Bot Framework.

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

What should you do?

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

Answer: B

NEW QUESTION 199

- (Topic 3)

You have a SQL query that combines customer data and order data. The query includes calculated columns. You need to create a database object that would allow other users to rerun the same SQL query. What should you create?

- A. an Index
 B. a view
 C. a scalar function
 D. a table

Answer: B

NEW QUESTION 202

HOTSPOT - (Topic 3)

You have an Azure subscription that contains an Azure AI Document Intelligence resource named DM.

You build an app named App1 that analyzes PDF files for handwritten content by using DM.

You need to ensure that App1 will recognize the handwritten content.

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

NOTE: Each correct selection is worth one point.

Answer Area

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

AnalyzeDocumentOperation operation = await client.AnalyzeDocumentFromUriAsync(WaitUntil.Completed,
AnalyzeResult result = operation.Value;
foreach (DocumentStyle style in result.Styles)
{
    bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;
    if (isHandwritten && style.Confidence > 0.75 )
    {

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

prebuilt-document",

prebuilt-document",

prebuilt-contract",

prebuilt-read",

fileUri);

0.75

0.1

0.75

1.0

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

AnalyzeDocumentOperation operation = await client.AnalyzeDocumentFromUriAsync(WaitUntil.Completed,
AnalyzeResult result = operation.Value;
foreach (DocumentStyle style in result.Styles)
{
    bool isHandwritten = style.IsHandwritten.HasValue && style.IsHandwritten == true;
    if (isHandwritten && style.Confidence > 0.75 )
    {

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

prebuilt-document",

prebuilt-document",

prebuilt-contract",

prebuilt-read",

fileUri);

0.75

0.1

0.75

1.0

NEW QUESTION 207

DRAG DROP - (Topic 3)

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

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

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

Actions

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

Apply the Default system message template.

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

Apply the Marketing Writing Assistant system message template.

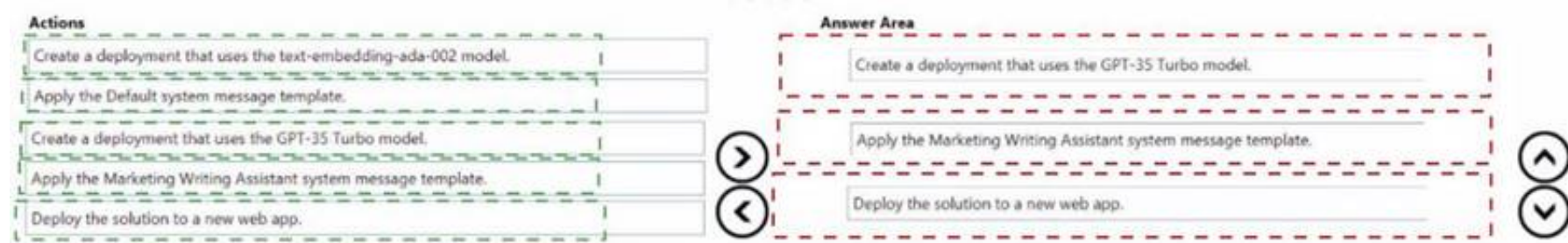
Deploy the solution to a new web app.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 212

HOTSPOT - (Topic 3)

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

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

NOTE: Each correct selection is worth one point.

```
var audioFormat = (AudioStreamContainerFormat.MP3);

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

using (var recognizer = new (speechConfig, audioConfig))
{
    var result = await recognizer.RecognizeOnceAsync();
    var text = result.Text;
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 215

- (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 219

- (Topic 3)

You successfully run the following HTTP request.

POST [https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc-](https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc-a54745f708a1/resourceGroups/RG1/providers/Microsoft.CognitiveServices/accounts/conto)

[a54745f708a1/resourceGroups/RG1/providers/Microsoft.CognitiveServices/accounts/conto](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 222

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 <code>UserProfile</code> object in the underlying storage layer.	<input type="radio"/>	<input type="radio"/>
The code will create and maintain the <code>ConversationData</code> object in the underlying storage layer.	<input type="radio"/>	<input type="radio"/>
The <code>UserProfile</code> and <code>ConversationData</code> objects will persist when the Bot Framework runtime terminates.	<input type="radio"/>	<input type="radio"/>

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 224

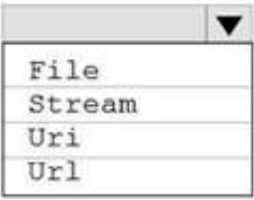
HOTSPOT - (Topic 3)

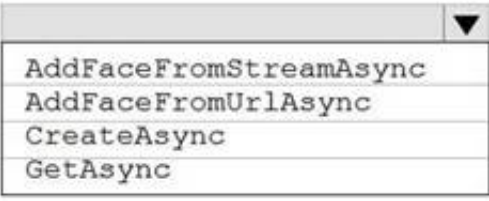
You develop an application that uses the Face API. You need to add multiple images to a person group.

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

NOTE: Each correct selection is worth one point.

Answer Area

```
Parallel.For(0, PersonCount, async i =>
{
    Guid personId = persons[i].PersonId;
    string personImageDir = $"/path/to/person/{i}/images";
    foreach (string imagePath in Directory.GetFiles(personImageDir, "*.jpg"))
    {
        using (  t = File.OpenRead(imagePath))

        {
            await faceClient.PersonGroupPerson. 

            (personGroupId, personId, t);
        }
    }
});
```

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Box 1: Stream

The `File.OpenRead(String)` method opens an existing file for reading.

Example: Open the stream and read it back. using (`FileStream fs = File.OpenRead(path)`)

Box 2: `AddFaceFromStreamAsync`

Step 5 on <https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-add-faces>

NEW QUESTION 225

- (Topic 3)

You are building a chatbot.

You need to ensure that the bot will recognize the names of your company's products and codenames. The solution must minimize development effort.

Which Azure Cognitive Service for Language service should you include in the solution?

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

Answer: C

NEW QUESTION 227

DRAG DROP - (Topic 3)

You have a question answering project in Azure Cognitive Service for Language.

You need to move the project to a Language service instance in a different Azure region. Which three actions should you perform in sequence? To answer, move the appropriate

actions from the list of actions to the answer area and arrange them in the correct order.

Actions

From the new Language service instance, import the project file.

From the new Language service instance, enable custom text classification.

From the new Language service instance, train and publish the project.

From the original Language service instance, export the existing project.

From the new Language service instance, regenerate the keys.

From the original Language service instance, train and publish the model.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

From the new Language service instance, import the project file.

From the new Language service instance, enable custom text classification.

From the new Language service instance, train and publish the project.

From the original Language service instance, export the existing project.

From the new Language service instance, regenerate the keys.

From the original Language service instance, train and publish the model.

Answer Area

From the original Language service instance, export the existing project.

From the new Language service instance, regenerate the keys.

From the original Language service instance, train and publish the model.

NEW QUESTION 232

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 237

- (Topic 3)

You are examining the Text Analytics 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 Text Analytics API is used to analyze the text?

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

Answer: B

NEW QUESTION 238

- (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 241

HOTSPOT - (Topic 3)

A1 You have an Azure OpenAI resource named AH that hosts three deployments of the GPT 3.5 model. Each deployment is optimized for a unique workload.

You plan to deploy three apps. Each app will access AM by using the REST API and will use the deployment that was optimized for the apps intended workload.

You need to provide each app with access to AH and the appropriate deployment. The solution must ensure that only the apps can access AM.

What should you use to provide access to AM. and what should each app use to connect to its appropriate deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Provide access to AI1 by using:

- An API key
- An API key**
- A bearer token
- A shared access signature (SAS) token

Connect to the deployment by using:

- A deployment endpoint
- An API key
- A deployment endpoint**
- A deployment name
- A deployment type

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Provide access to AI1 by using:

- An API key
- An API key**
- A bearer token
- A shared access signature (SAS) token

Connect to the deployment by using:

- A deployment endpoint
- An API key
- A deployment endpoint**
- A deployment name
- A deployment type

NEW QUESTION 244

- (Topic 3)

You have a mobile app that manages printed forms.

You need the app to send images of the forms directly to Forms Recognizer to extract relevant information. For compliance reasons, the image files must not be stored in the cloud.

In which format should you send the images to the Form Recognizer API endpoint?

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

Answer: A

NEW QUESTION 249

- (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 251

- (Topic 3)

You are building a language model by using a Language Understanding service. You create a new Language Understanding resource.

You need to add more contributors. What should you use?

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

Answer: B

Explanation:

Reference:

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

NEW QUESTION 252

- (Topic 3)

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

- A. Yes
- B. No

Answer: A

Explanation:

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

Reference:

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

NEW QUESTION 254

HOTSPOT - (Topic 3)

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

NOTE: Each correct selection is worth one point.

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 256

DRAG DROP - (Topic 3)

You are developing a photo application that will find photos of a person based on a sample image by using the Face API.

You need to create a POST request to find the photos.

How should you complete the request? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values	Answer Area
<div>detect</div>	POST {Endpoint}/face/v1.0/ <div></div>
<div>findsimilars</div>	Request Body
<div>group</div>	{
<div>identify</div>	"faceId": "c5c24a82-6845-4031-9d5d-978df9175426",
<div>matchFace</div>	"largeFaceListId": "sample_list",
<div>matchPerson</div>	"largeFaceListId": "sample_list",
<div>verify</div>	"maxNumOfCandidatesReturned": 10,
	"mode": " <div></div> "
	}

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: findsimilars

<https://docs.microsoft.com/en-us/rest/api/faceapi/face/find-similar>

Box 2: matchPerson

Find similar has two working modes, "matchPerson" and "matchFace". "matchPerson" is the default mode that it tries to find faces of the same person as possible by using internal same-person thresholds. It is useful to find a known person's other photos. Note that an empty list will be returned if no faces pass the internal thresholds. "matchFace" mode ignores same-person thresholds and returns ranked similar faces anyway, even the similarity is low. It can be used in the cases like searching celebrity-looking faces.

NEW QUESTION 260

DRAG DROP - (Topic 3)

You plan to use a Language Understanding application named app1 that is deployed to a container.

App1 was developed by using a Language Understanding authoring resource named lu1. App1 has the versions shown in the following table.

Version	Trained date	Published date
V1.2	None	None
V1.1	2020-10-01	None
V1.0	2020-09-01	2020-09-15

You need to create a container that uses the latest deployable version of app1.

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

Actions

Answer Area

Run a container that has version set as an environment variable.

Export the model by using the Export as JSON option.

Select v1.1 of app1.

Run a container and mount the model file.

Select v1.0 of app1.

Export the model by using the Export for containers (GZIP) option.

Select v1.2 of app1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Export the model using the Export for containers (GZIP) option. Export versioned app's package from LUIS portal

The versioned app's package is available from the Versions list page.

? Sign on to the LUIS portal.

? Select the app in the list.

? Select Manage in the app's navigation bar.

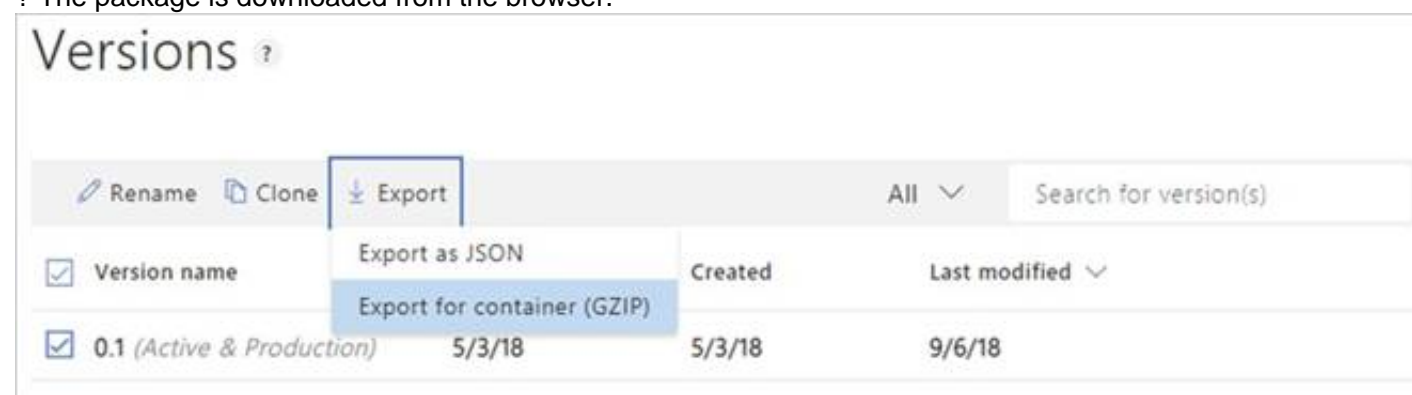
? Select Versions in the left navigation bar.

? Select the checkbox to the left of the version name in the list.

? Select the Export item from the contextual toolbar above the list.

? Select Export for container (GZIP).

? The package is downloaded from the browser.



Step 2: Select v1.1 of app1.

A trained or published app packaged as a mounted input to the container with its associated App ID.

Step 3: Run a contain and mount the model file.

Run the container, with the required input mount and billing settings.

NEW QUESTION 264

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 268

HOTSPOT - (Topic 3)

You are developing an application that will use the Computer Vision client library. The application has the following code.

```
public async TaskAnalyzeImage(ComputerVisionClient client, string localImage)
{
    List<VisualFeatureTypes> features = new List<VisualFeatureTypes>()
    {
        VisualFeatureTypes.Description,
        VisualFeatureTypes.Tags,
    };
    using (Stream imageStream = File.OpenRead(localImage))
    {
        try
        {
            ImageAnalysis results = await client.AnalyzeImageInStreamAsync(imageStream, features);

            foreach (var caption in results.Description.Captions)
            {
                Console.WriteLine($"{caption.Text} with confidence {caption.Confidence}");
            }

            foreach (var tag in results.Tags)
            {
                Console.WriteLine($"{tag.Name} {tag.Confidence}");
            }
        }
        catch (Exception ex)
        {
            Console.WriteLine(ex.Message);
        }
    }
}
```

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 perform face recognition.	<input type="radio"/>	<input type="radio"/>
The code will list tags and their associated confidence.	<input type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input checked="" type="radio"/>
The code will list tags and their associated confidence.	<input checked="" type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 271

DRAG DROP - (Topic 3)

You build a bot by using the Microsoft Bot Framework SDK. You need to test the bot interactively on a local machine. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Register the bot with the Azure Bot Service.

Open the Bot Framework Composer.

Build and run the bot.

Open the Bot Framework Emulator.

Connect to the bot endpoint.

>

<

Answer Area

^

v

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Register the bot with the Azure Bot Service.

Open the Bot Framework Composer.

Build and run the bot.

Open the Bot Framework Emulator.

Connect to the bot endpoint.

>

<

Answer Area

Build and run the bot.

Open the Bot Framework Emulator.

Connect to the bot endpoint.

^

v

NEW QUESTION 272

- (Topic 3)

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

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

Answer: AD

NEW QUESTION 276

- (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 277

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 if 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.	<input type="radio"/>	<input type="radio"/>
The <code>url</code> attribute returned for each linked entity will be a Bing search link.	<input type="radio"/>	<input type="radio"/>
The <code>matches</code> attribute returned for each linked entity will provide the location in a document where the entity is referenced.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The code will detect the language of documents.	<input type="radio"/>	<input checked="" type="radio"/>
The <code>url</code> attribute returned for each linked entity will be a Bing search link.	<input checked="" type="radio"/>	<input type="radio"/>
The <code>matches</code> attribute returned for each linked entity will provide the location in a document where the entity is referenced.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 278

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 283

- (Topic 3)

You need to create a visualization of running sales totals per quarter as shown in the following exhibit.



What should you create in Cower BI Desktop;1

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

Answer: C

NEW QUESTION 284

HOTSPOT - (Topic 3)

You have an Azure subscription that contains an Azure OpenAI resource named AH. You build a chatbot that will use AI1 to provide generative answers to specific questions. You need to ensure that the responses are more creative and less deterministic. How should you complete the code? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
new ChatCompletionsOptions()  
{  
    Messages =  
    {  
        new ChatMessage(  
            ChatRole.User, @"",  
            Temperature = (float)1.0,  
            MaxTokens = 800,  
        )  
    }  
};
```

ChatRole dropdown options: ChatRole.User, ChatRole.Assistant, ChatRole.Function, ChatRole.System, ChatRole.User (selected)

Temperature dropdown options: Temperature, ChatRole.User, PresencePenalty, Temperature (selected), TokenSelectionBiases

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```
new ChatCompletionsOptions()
{
    Messages =
    {
        new ChatMessage(
            ChatRole.User, @"",
        ),
        new ChatMessage(
            ChatRole.Assistant, @"",
        ),
        new ChatMessage(
            ChatRole.Function, @"",
        ),
        new ChatMessage(
            ChatRole.System, @"",
        ),
        new ChatMessage(
            ChatRole.User, @"",
        ),
    },
    Temperature = (float)1.0,
    PresencePenalty = 0.0,
    TokenSelectionBiases = null,
    MaxTokens = 800,
};
```

NEW QUESTION 285

- (Topic 3)

You are building an Azure WebJob that will create knowledge bases from an array of URLs.

You instantiate a QnAMakerClient object that has the relevant API keys and assign the object to a variable named client.

You need to develop a method to create the knowledge bases.

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

NOTE: Each correct selection is worth one point.

- A. Create a list of FileDTO objects that represents data from the WebJob.
- B. Call the client.CreateKnowledgeBase method.
- C. Create a list of KnowledgeBase objects that represents data from the WebJob.
- D. Create an Async method.
- E. Create a list of QnADTO objects that represents data from the WebJob.
- F. Create a CreateKbDTO object.

Answer: AC

Explanation:

Reference:

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

NEW QUESTION 290

HOTSPOT - (Topic 3)

Select the answer that correctly completes the sentence.

Answer Area

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

graph.

table.

partition key.

document.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

graph.

table.

partition key.

document.

NEW QUESTION 292

- (Topic 3)

You build a custom Form Recognizer model.

You receive sample files to use for training the model as shown in the following table.

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

Which three files can you use to train the model? Each correct answer presents a complete solution. (Choose three.)

NOTE: Each correct selection is worth one point.

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

Answer: ACF

Explanation:

Input requirements

Form Recognizer works on input documents that meet these requirements:

Format must be JPG, PNG, PDF (text or scanned), or TIFF. Text-embedded PDFs are best because there's no possibility of error in character extraction and location.

File size must be less than 50 MB.

Reference:

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

NEW QUESTION 294

- (Topic 3)

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

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

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

Answer: C

NEW QUESTION 297

- (Topic 3)

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

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

What should you add to the indexer?

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

Answer: C

NEW QUESTION 302

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,
    "count": 1,
    "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,
    "count": 1,
    "maxValue": 100,
    "size": 600
  },
  "properties": {
    "model": {
      "format": "OpenAI",
      ...
    }
  }
}
```

NEW QUESTION 304

HOTSPOT - (Topic 3)

You are developing a text processing solution. You develop the following method.

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

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

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

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 307

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

Options

Food

General

General (compact)

Image classification

Logo

Object detection

Answer Area

Project type:

Domain:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Options

Food

General

General (compact)

Image classification

Logo

Object detection

Answer Area

Project type:

Object detection

Domain:

Food

NEW QUESTION 311

- (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 315

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 320

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

- A. Dispatch
- B. chatdown

- C. Language Understanding
- D. Microsoft Translator

Answer: A

Explanation:

Scenario: All planned projects must support English, French, and Portuguese.

If a bot uses multiple LUIS models and QnA Maker knowledge bases (knowledge bases), you can use the Dispatch tool to determine which LUIS model or QnA Maker knowledge base best matches the user input. The dispatch tool does this by creating a single LUIS app to route user input to the correct model.

Reference:

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

NEW QUESTION 325

- (Topic 2)

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

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

Answer: C

Explanation:

The wiki contains text in English, French and Portuguese.

Scenario: All planned projects must support English, French, and Portuguese.

The Document Extraction skill extracts content from a file within the enrichment pipeline. This allows you to take advantage of the document extraction step that normally happens before the skillset execution with files that may be generated by other skills.

Note: The Translator Text API will be used to determine the from language. The Language detection skill is not required.

Reference:

<https://docs.microsoft.com/en-us/azure/search/cognitive-search-skill-document-extraction> <https://docs.microsoft.com/en-us/azure/search/cognitive-search-skill-text-translation>

NEW QUESTION 329

- (Topic 2)

You are developing the knowledgebase.

You use Azure Video Analyzer for Media (previously Video indexer) to obtain transcripts of webinars.

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

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

Answer: B

Explanation:

Can search content in different formats, including video

Audio and video insights (multi-channels). When indexing by one channel, partial result for those models will be available.

Keywords extraction: Extracts keywords from speech and visual text.

Named entities extraction: Extracts brands, locations, and people from speech and visual text via natural language processing (NLP).

NEW QUESTION 331

- (Topic 2)

You are developing the knowledgebase by using Azure Cognitive Search.

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

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

Answer: A

Explanation:

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

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

Reference:

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

NEW QUESTION 334

DRAG DROP - (Topic 2)

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

? A form Recognizer resource

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

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

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

Actions

Train a custom model

Label the sample documents

Create a new project and load sample documents

Create a composite model

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 338

HOTSPOT - (Topic 1)
You are planning the product creation project.
You need to build the REST endpoint to create the multilingual product descriptions. How should you complete the URI? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

api.cognitive.microsofttranslator.com

api-nam.cognitive.microsofttranslator.com

westus.tts.speech.microsoft.com

wwics.cognitiveservices.azure.com/translator

/detect

/languages

/text-to-speech

/translate

?api-version=3.0&to=es&to=pt

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: api-nam.cognitive.microsofttranslator.com
<https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0-reference>
Box 2: /translate

NEW QUESTION 340

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

```
public static async Task<string> SuggestAltText(ComputerVisionClient client,
{
    List<VisualFeatureTypes>> features = new List<VisualFeatureTypes?>()
    {
        VisualFeatureTypes.Description
        VisualFeatureTypes.ImageType
        VisualFeatureTypes.Objects
        VisualFeatureTypes.Tags
    };
    ImageAnalysis results = await client.AnalyzeImageAsync(image, features);

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

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

Dictionary

stream

string

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

```
public static async Task<string> SuggestAltText(ComputerVisionClient client,
{
    List<VisualFeatureTypes>> features = new List<VisualFeatureTypes?>()
    {
        VisualFeatureTypes.Description
        VisualFeatureTypes.ImageType
        VisualFeatureTypes.Objects
        VisualFeatureTypes.Tags
    };
    ImageAnalysis results = await client.AnalyzeImageAsync(image, features);

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

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

Dictionary

stream

string

NEW QUESTION 344

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",
    "altText": "${
      image.altText.en
      image.altText.language
      image.altText['language']
      image.altText[language]
    }"
  }
]
```

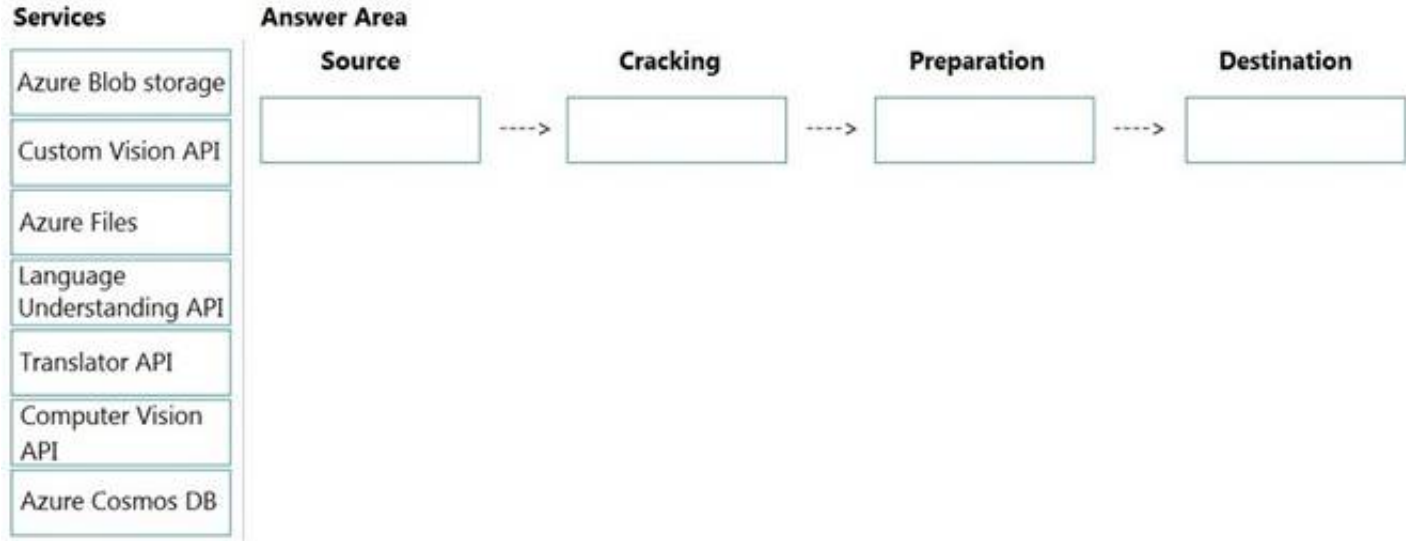
- A. Mastered
- B. Not Mastered

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 346

DRAG DROP - (Topic 1)
You are developing the smart e-commerce project.
You need to design the skillset to include the contents of PDFs in searches.
How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Azure Blob storage

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

Box 2: Computer Vision API

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

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

Box 3: Translator API

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

Box 4: Azure Files

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

NEW QUESTION 351

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