

## Microsoft.AI-102.v2023-10-02.q107

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<b>Exam Name:</b>	Designing and Implementing a Microsoft Azure AI Solution
<b>Certification Provider:</b>	Microsoft
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<a href="https://www.freepdfdumps.com/Microsoft.AI-102.v2023-10-02.q107.html">https://www.freepdfdumps.com/Microsoft.AI-102.v2023-10-02.q107.html</a>	

### NEW QUESTION: 1

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

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

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

You need to add the new images to the classifier.

Solution: You add the new images, and then use the Smart Labeler tool.

Does this meet the goal?

A. Yes

B. No

**Answer: (SHOW ANSWER)**

Explanation

The model need to be extended and retrained.

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

### NEW QUESTION: 2

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**

**Answer:**

**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.

**Explanation**

**Actions**

- Register the bot with the Azure Bot Service.
- Open the Bot Framework Composer.

**Answer Area**

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

**NEW QUESTION: 3**

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

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

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

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

**Actions**

- From the Language Understanding portal, retrain the model.
- From the host computer, run the container and specify the input directory.
- From the Language Understanding portal, export the solution as a package file.
- From the host computer, move the package file to the Docker input directory.
- From the host computer, build the container and specify the output directory.

**Answer Area**

**Answer:**

**Actions**

- From the Language Understanding portal, retrain the model.
- From the host computer, run the container and specify the input directory.
- From the Language Understanding portal, export the solution as a package file.
- From the host computer, move the package file to the Docker input directory.
- From the host computer, build the container and specify the output directory.

**Answer Area**

- From the Language Understanding portal, export the solution as a package file.
- From the host computer, move the package file to the Docker input directory.
- From the host computer, build the container and specify the output directory.

**Explanation**

**Actions**

- From the Language Understanding portal, retrain the model.
- From the host computer, run the container and specify the input directory.

**Answer Area**

- From the Language Understanding portal, export the solution as a package file.
- From the host computer, move the package file to the Docker input directory.
- From the host computer, build the container and specify the output directory.

**NEW QUESTION: 4**

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**

 Microsoft  
San Francisco Amsterdam San Francisco Amsterdam

SFO SFO  
AMS AMS

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

San Francisco Amsterdam San Francisco Amsterdam

SFO SFO  
AMS AMS

Total **\$4,032.54**

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

## Answer Area

The chatbot is showing [answer choice].

	▼
an Adaptive Card	
a Hero Card	
a Thumbnail Card	

The card includes [answer choice].

	▼
an action set	
an image	
an image group	
media	



Answer:  
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	

Explanation

Box 1: Adaptive card

Box 2: an image

Reference:

<https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference>

<https://docs.microsoft.com/en-us/composer/how-to-send-cards?tabs=v1x>

## NEW QUESTION: 5

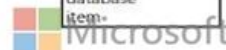
Select the answer that correctly completes the sentence.

Answer Area

When provisioning an Azure Cosmos DB

account
container
database
item

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



Answer:

Answer Area  When provisioning an Azure Cosmos DB  , you need to specify which type of API you will use.

Explanation

Answer Area  When provisioning an Azure Cosmos DB  , you need to specify which type of API you will use.

**NEW QUESTION: 6**

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

Answer: B ([LEAVE A REPLY](#))

**NEW QUESTION: 7**

Select the answer that correctly completes the sentence.

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

Answer:

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

Explanation

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

**NEW QUESTION: 8**

You have a collection of Microsoft Word documents and PowerPoint presentations in German. You need to create a solution to translate the file to French. The solution must meet the following requirements:

- \* Preserve the original formatting of the files.
- \* Support the use of a custom glossary.

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

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

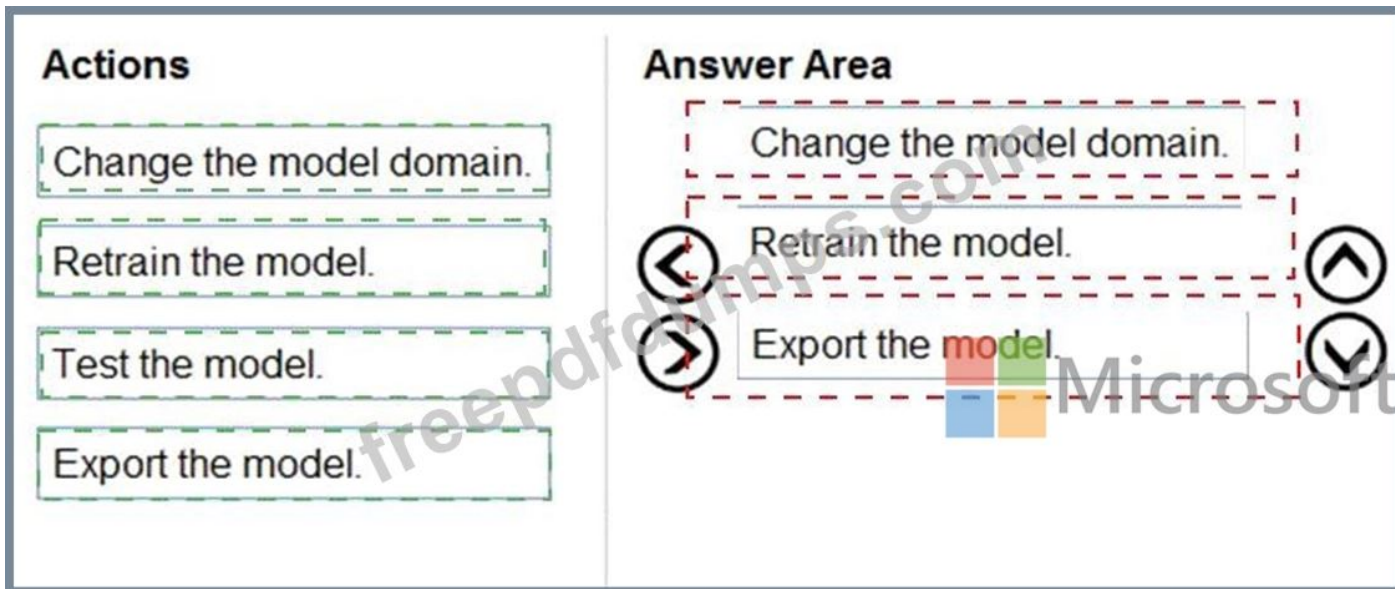
**Answer:**

**Explanation**

**NEW QUESTION: 9**

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

**Answer:**



**Explanation**

In user want to change to deploy offline model

1. Change model domain to compact model
2. Retrain compact model
3. Export model

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/custom-vision-service/export-your-model>

**NEW QUESTION: 10**

You plan to perform predictive maintenance.

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

You need to identify unusual values in each time series to help predict machinery failures.

Which Azure Cognitive Services service should you use?

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

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 11**

Select the answer that correctly completes the sentence.

**Answer Area**

is responsible for creating visuals and charts that help a company make informed decisions.

- A data analyst
- A data engineer
- A data scientist
- A database administrator

Microsoft

**Answer:**

Answer Area

A data analyst  
A data engineer  
A data scientist  
A database administrator

Microsoft is responsible for creating visuals and charts that help a company make informed decisions.

## Explanation

Answer Area

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

Microsoft

### NEW QUESTION: 12

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

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

Answer: [\(SHOW ANSWER\)](#)

### NEW QUESTION: 13

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. JSON
- C. form URL encoded

Answer: [A \(LEAVE A REPLY\)](#)

### NEW QUESTION: 14

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, image)
{
    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);
}
```

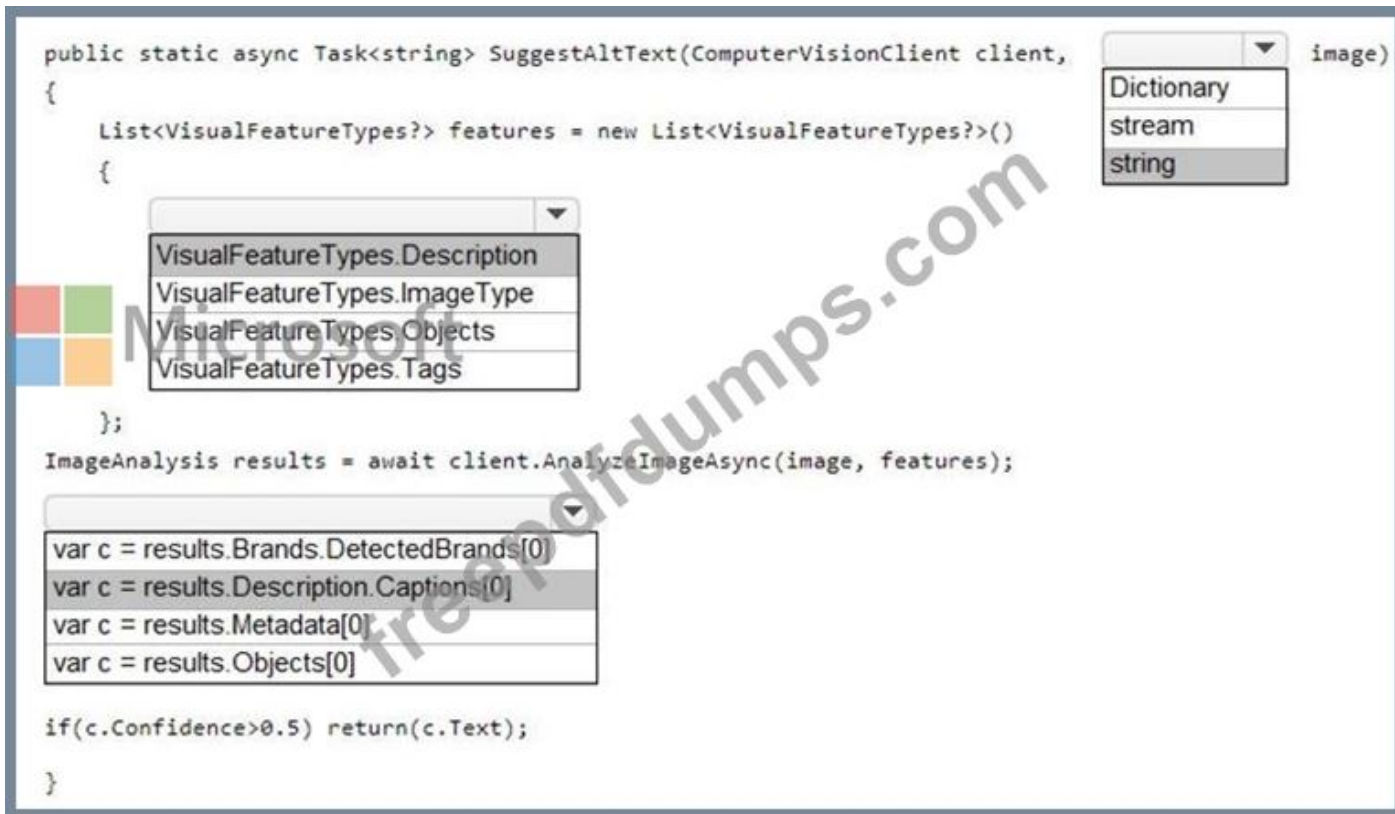
Answer:

```
public static async Task<string> SuggestAltText(ComputerVisionClient client, image)
{
    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);
}
```

Explanation

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

```
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);
}
```



Reference:

<https://github.com/Azure-Samples/cognitive-services-dotnet-sdk-samples/blob/master/documentation-samples/qu>

### NEW QUESTION: 15

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

**Answer: C (LEAVE A REPLY)**

### NEW QUESTION: 16

You need to develop an extract solution for the receipt images. The solution must meet the document processing requirements and the technical requirements.

You upload the receipt images to the Form Recognizer API for analysis, and the API returns the following JSON.

```

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

```



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

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

**Answer:** (SHOW ANSWER)

Explanation

Need to specify the field name, and then use `< 0.7` to handle trigger if confidence score is less than 70%.

Reference:

<https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/api-v2-0/reference-sdk-api-v2-0>

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### NEW QUESTION: 17

Select the answer that correctly completes the sentence.

Microsoft

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

- elastic pool
- MySQL server
- PostgreSQL server
- virtual machine

**Answer:**

Answer Area

Microsoft

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

- elastic pool
- MySQL server
- PostgreSQL server
- virtual machine

Explanation

Answer Area

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

virtual machine

Microsoft

### NEW QUESTION: 18

You have a collection of 50,000 scanned documents that contain text.

You plan to make the text available through Azure Cognitive Search.

You need to configure an enrichment pipeline to perform optical character recognition (OCR) and text analytics. The solution must minimize costs.

What should you attach to the skillset?

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

**Answer: A (LEAVE A REPLY)**

Explanation

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

Reference:

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

### NEW QUESTION: 19

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: C,D,F (LEAVE A REPLY)**

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: 20

You have an existing Azure Cognitive Search service.

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

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

- A. Split the data into multiple blob containers. Create a Cognitive Search service for each container. Within each indexer definition, schedule the same runtime execution pattern.
- B. Split the data into multiple blob containers. Create an indexer for each container. Increase the search units. Within each indexer definition, schedule a sequential execution pattern.
- C. Create a Cognitive Search service for each type of document.
- D. Split the data into multiple virtual folders. Create an indexer for each folder. Increase the search units. Within each indexer definition, schedule the same runtime execution pattern.

**Answer: D (LEAVE A REPLY)**

Reference:

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

### NEW QUESTION: 21

Select the answer that correctly completes the sentence.

Answer Area Microsoft

A block of code that runs in a database is called

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

**Answer:**

Answer Area Microsoft

A block of code that runs in a database is called

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

**Explanation**

Answer Area

A block of code that runs in a database is called

Answer selections to complete the sentence A block of code that runs in a database is called

**NEW QUESTION: 22**

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

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 23**

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>ur1</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"/>

**Answer:**  
ANSWER AREA

Statements	Yes	No
The code will detect the language of documents.	<input type="radio"/>	<input checked="" type="radio"/>
The <code>ur1</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"/>

Explanation

**Answer Area**

Statements	Yes	No
The code will detect the language of documents.	<input type="radio"/>	<input checked="" type="radio"/>
The <code>ur1</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: 24**

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}");
    }
}
```

**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"/>

**Answer:**

**Answer Area**

**Statements**

The output will include the following words: our and included.

The output will include the following words: Paris, Eiffel, and Tower.

The function will output all the key phrases from the input string to the console.

**Yes** **No**

Explanation

**Answer Area**

**Statements**

The output will include the following words: our and included.

The output will include the following words: Paris, Eiffel, and Tower.

The function will output all the key phrases from the input string to the console.

**Yes** **No**

**NEW QUESTION: 25**

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 (IAM) page for the authoring resources in the Azure portal
- C. the Access control (IAM) page for the prediction resources in the Azure portal

**Answer: (SHOW ANSWER)**

Reference:

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

**NEW QUESTION: 26**

Select the answer that correctly completes the sentence.

**Answer Area**

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

**Microsoft**

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

**Answer:**

**Answer Area**

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


**Microsoft**

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

Explanation

Answer Area

The massively parallel processing (MPP) engine of Azure Synapse Analytics distributes processing across compute nodes.



**NEW QUESTION: 27**

You are developing an application to recognize employees' faces by using the Face Recognition API. Images of the faces will be accessible from a URI endpoint.

The application has the following code.

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

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input type="radio"/>	<input type="radio"/>

**Answer:**

Statements	Yes	No
The code will add a face image to a person object in a person group.	<input checked="" type="radio"/>	<input type="radio"/>
The code will work for a group of 10,000 people.	<input checked="" type="radio"/>	<input type="radio"/>
AddFace can be called multiple times to add multiple face images to a person object.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation

- A. True
- B. True
- C. True

B: see this example code from documentation that uses PersonGroup of size 10,000 :

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-add-faces> the question wants to trick you into thinking you need to use a LargePersonGroup for a size of 10,000 - but the documentation for it doesn't include this limitation or criteria:

<https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-use-large-scale>  
Reference:

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

### **NEW QUESTION: 28**

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:** ([SHOW ANSWER](#))

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: 29**

You have an Azure subscription that has the following configurations:

\* Subscription ID: 8d3591aa-96b8-4737-ad09-00f9b1ed35ad

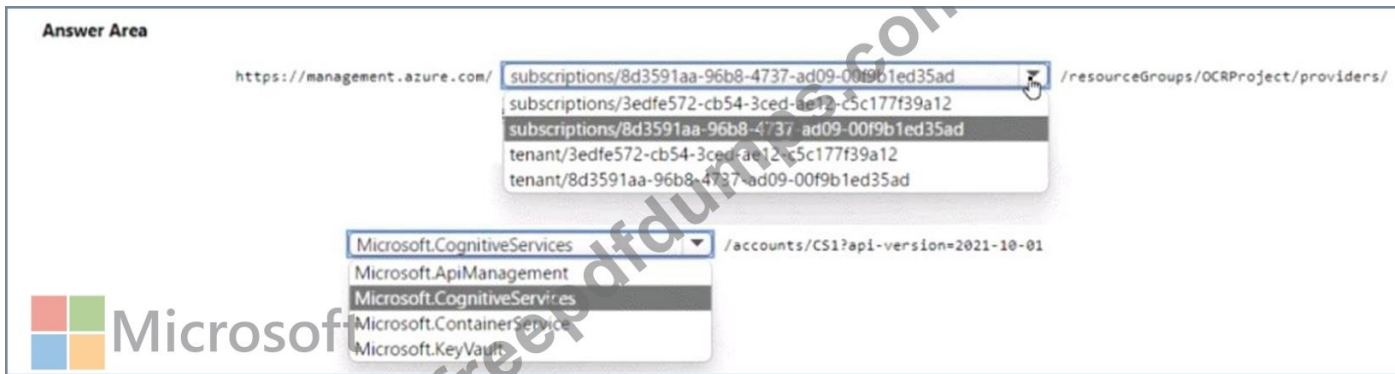
\* Tenant ID: 3edfe572-cbS4-3ced-ae12-c5c177f39a12

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

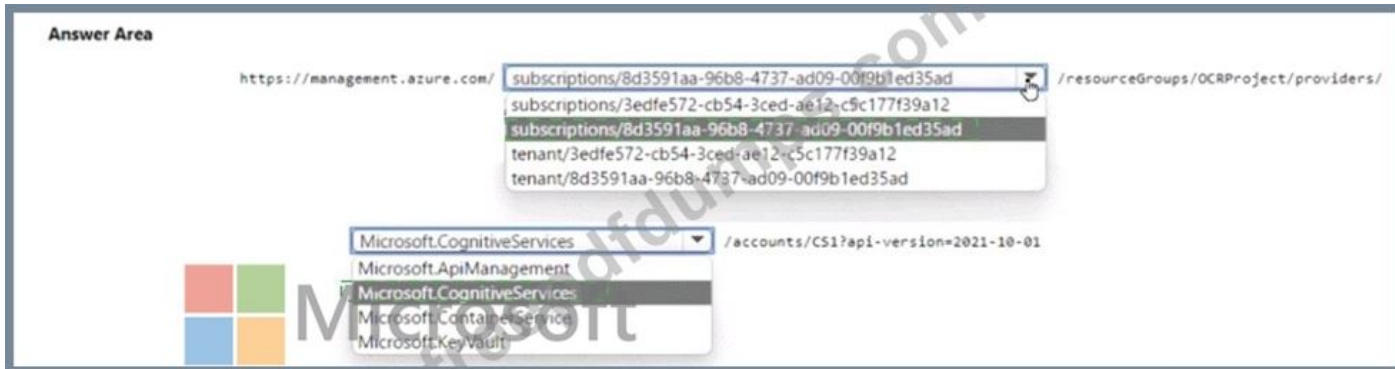
You need to use an HTTP request to create the resource in the subscription. The solution must use a single key and endpoint.

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

NOTE: Each correct selection is worth one point.



**Answer:**



**Explanation**



**NEW QUESTION: 30**

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 (LEAVE A REPLY)**

**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: 31**

You are developing the smart e-commerce project. You need to implement autocompletion as part of the Cognitive Search solution.

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

NOTE: Each correct selection is worth one point.

- A.** Make API queries to the autocomplete endpoint and include suggesterName in the body.
- B.** Add a suggester that has the three product name fields as source fields.
- C.** Make API queries to the search endpoint and include the product name fields in the searchFields query parameter.
- D.** Add a suggester for each of the three product name fields.
- E.** Set the searchAnalyzer property for the three product name variants.
- F.** Set the analyzer property for the three product name variants.

**Answer: (SHOW ANSWER)**

Explanation

Scenario: Support autocompletion and autosuggestion based on all product name variants.

A: Call a suggester-enabled query, in the form of a Suggestion request or Autocomplete request, using an API.

API usage is illustrated in the following call to the Autocomplete REST API.

```
POST /indexes/myxboxgames/docs/autocomplete?search&api-version=2020-06-30
```

```
{  
  "search": "minecraf",  
  "suggesterName": "sg"  
}
```

B: In Azure Cognitive Search, typeahead or "search-as-you-type" is enabled through a suggester. A suggester provides a list of fields that undergo additional tokenization, generating prefix sequences to support matches on partial terms. For example, a suggester that includes a City field with a value for "Seattle" will have prefix combinations of "sea", "seat", "seatt", and "seattl" to support typeahead.

F: Use the default standard Lucene analyzer ("analyzer": null) or a language analyzer (for example, "analyzer":

"en.Microsoft") on the field.

Reference:

<https://docs.microsoft.com/en-us/azure/search/index-add-suggesters>

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**NEW QUESTION: 32**

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

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 33**

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]
    }"
  }
]
```



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Answer:

## Answer Area

```
version": "1.3",
"body": [
  {
    "type": "TextBlock",
    "size": "Medium",
    "weight": "Bolder",
    "text": "${
      if(language == 'en', en, name)
      name
      name.en
      name[language]
    }"
  },
  {
    "type": "TextBlock",
    "text": "${
      $when: "${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]
    }"
  }
]
```

Explanation

Text Description automatically generated

```
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
```

Text Description automatically generated

```
},
{
```

```
    "type": "Image",
```

```
    "url": "${image.uri}"
```

```
    "size": "Medium",
```

```
    "altText": "${
```

	▼
image.altText.en	
image.altText.language	
image.altText["language"]	
image.altText[language]	

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: 34

You successfully run the following HTTP request.

POST

<https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc->

[a54745f708a1/resourceGroups/RG1/pro](https://management.azure.com/subscriptions/18c51a87-3a69-47a8-aedc-a54745f708a1/resourceGroups/RG1/pro) 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 (LEAVE A REPLY)**

Explanation

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

### NEW QUESTION: 35

You have the following C# method.

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

You need to deploy an Azure resource to the East US Azure region. The resource will be used to perform sentiment analysis.

How should you call the method?

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

**Answer: B (LEAVE A REPLY)**

Explanation

To perform sentiment analysis, we specify TextAnalytics, not ContentModerator.

Possible SKU names include: 'F0','F1','S0','S1','S2','S3','S4','S5','S6','S7','S8' Possible location names include: westus, eastus Reference:

<https://docs.microsoft.com/en-us/powershell/module/az.cognitiveservices/new-azcognitiveservicesaccount>

### NEW QUESTION: 36

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

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

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

NOTE: Each correct selection is worth one point.

- A. tables
- B. files

- C. storageContainer
- D. objects
- E. storageConnectionString

Answer: A,D ([LEAVE A REPLY](#))

**NEW QUESTION: 37**

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  Microsoft

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"/>

Answer:

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"/>

 Microsoft

Explanation

Answer Area  Microsoft

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: 38**

Select the answer that correctly completes the sentence.

Answer Area  Microsoft

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.

Answer:

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.

 Microsoft

Explanation

Answer Area

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

**NEW QUESTION: 39**

You are creating an enrichment pipeline that will use Azure Cognitive Search. The knowledge store contains unstructured JSON data and scanned PDF documents that contain text.

Which projection type should you use for each data type? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

JSON data:

	▼
File projection	
Object projection	
Table projection	

Scanned data:

	▼
File projection	
Object projection	
Table projection	

Answer:



Microsoft

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JSON data:

	▼
File projection	
Object projection	
Table projection	

Scanned data:

	▼
File projection	
Object projection	
Table projection	

Explanation

**Answer Area**

JSON data:

	▼
File projection	
Object projection	
Table projection	

Scanned data:

	▼
File projection	
Object projection	
Table projection	

Box 1: Object projection

Object projections are JSON representations of the enrichment tree that can be sourced from any node.

Box 2: File projection

File projections are similar to object projections and only act on the normalized\_images collection.

Reference:

<https://docs.microsoft.com/en-us/azure/search/knowledge-store-projection-overview>

### NEW QUESTION: 40

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"/>

Answer:

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"/>

Explanation

Box 1: Yes

Box 2: No

Box 3: No

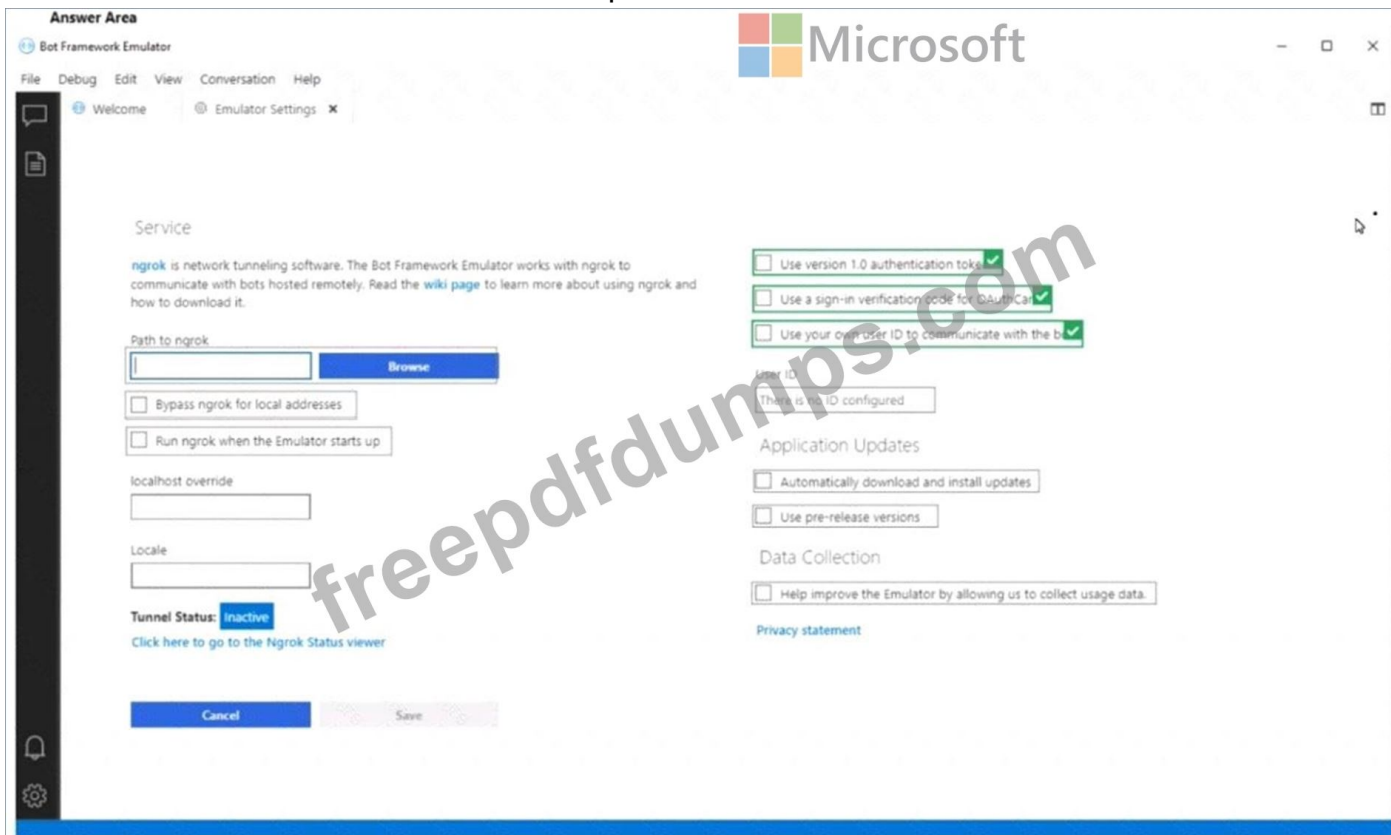
Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-detecting-faces>

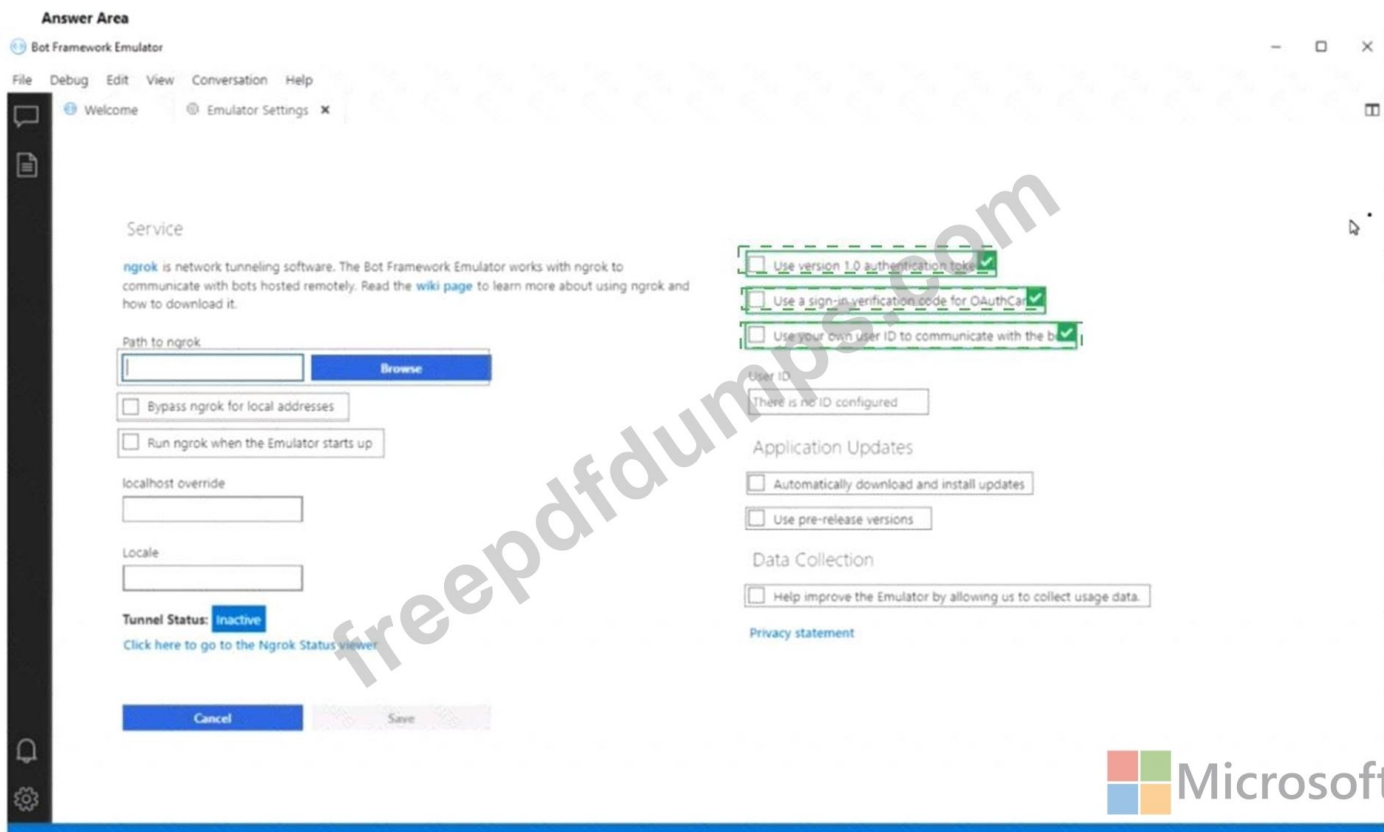
### NEW QUESTION: 41

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.

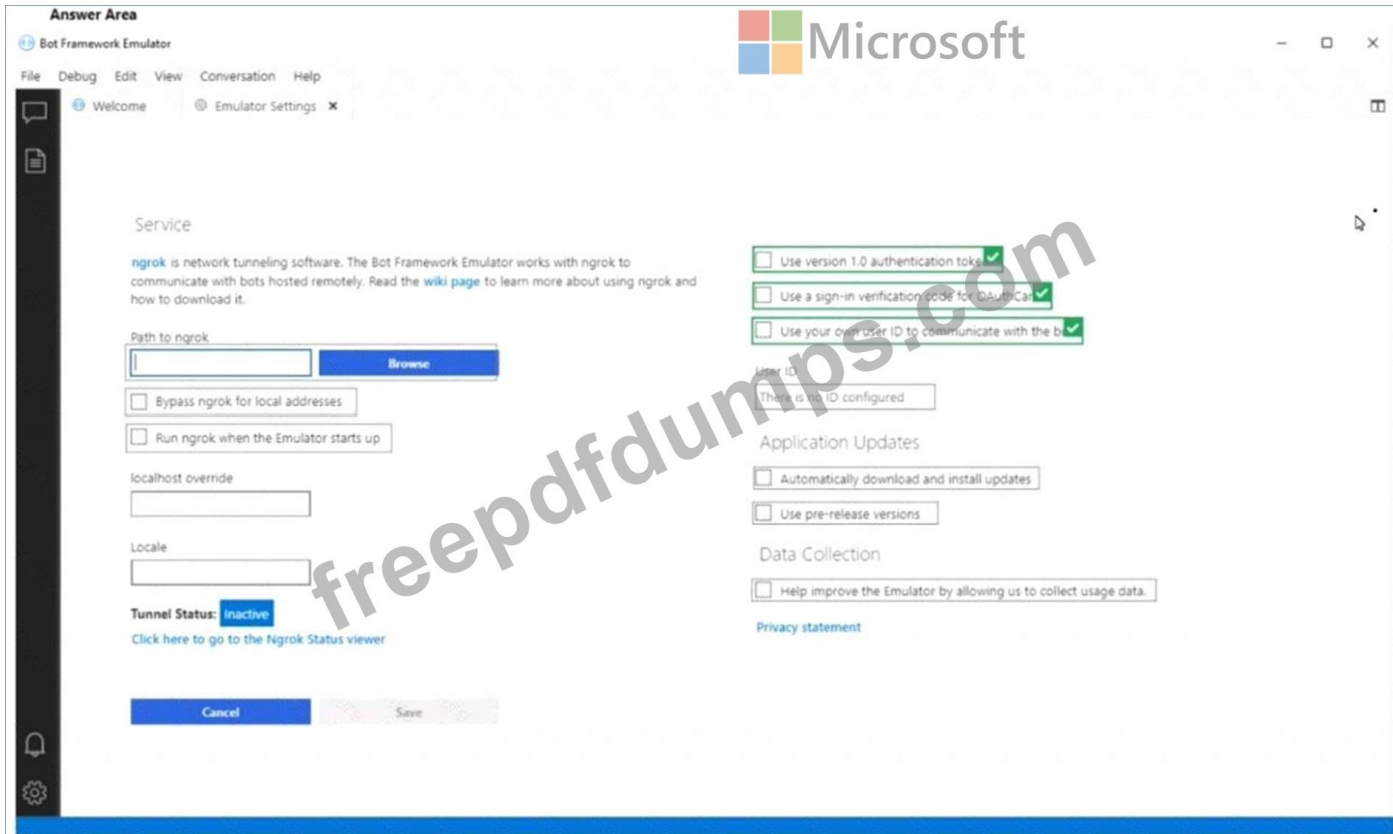


**Answer:**



**Explanation**

D:\mudassar\Untitled.jpg



### NEW QUESTION: 42

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named `getTextToBeTranslated`. The text can be in one of many languages. The content of the text must remain within the Americas Azure geography.

You need to develop code to translate the text to a single language.

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

NOTE: Each correct selection is worth one point.

...

```
var endpoint =  ;
```

&quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
&quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
&quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
&quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
&quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

```
var apiKey = "FF956C68B83B21B38691ABD200A4C606";  
var text = getTextToBeTranslated();  
var body = '[{"Text":"' + text + '"}]';  
var client = new HttpClient();  
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);
```

<input type="text"/>
var uri = endpoint + &quot;?from=en&quot;;
var uri = endpoint + &quot;?suggestedFrom=en&quot;;
var uri = endpoint + &quot;?to=en&quot;;

```
HttpResponseMessage response;  
var content = new StringContent(body, Encoding.UTF8, "application/json");  
var response = await client.PutAsync(uri, content);
```

### Answer:

...

```
var endpoint =  ;
```

&quot;https://api.cognitive.microsofttranslator.com/translate&quot;;
&quot;https://api.cognitive.microsofttranslator.com/transliterate&quot;;
&quot;https://api-apc.cognitive.microsofttranslator.com/detect&quot;;
&quot;https://api-nam.cognitive.microsofttranslator.com/detect&quot;;
&quot;https://api-nam.cognitive.microsofttranslator.com/translate&quot;;

```
var apiKey = "FF956C68B83B21B38691ABD200A4C606";  
var text = getTextToBeTranslated();  
var body = '[{"Text":"' + text + '"}]';  
var client = new HttpClient();  
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);
```

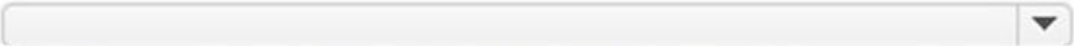
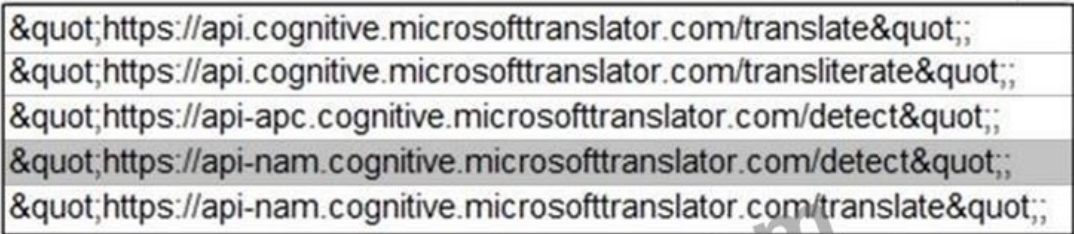

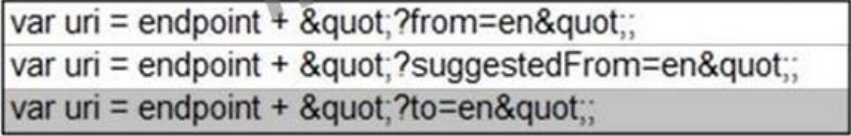

<input type="text"/>
var uri = endpoint + &quot;?from=en&quot;;
var uri = endpoint + &quot;?suggestedFrom=en&quot;;
var uri = endpoint + &quot;?to=en&quot;;

```
HttpResponseMessage response;  
var content = new StringContent(body, Encoding.UTF8, "application/json");  
var response = await client.PutAsync(uri, content);
```

...

Explanation

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

```
...  
var endpoint =  ;  
 ;  
  
var apiKey = "FF956C68B83B21B38691ABD200A4C606";  
var text = getTextToBeTranslated();  
var body = '[{"Text":"' + text + '"}]';  
var client = new HttpClient();  
client.DefaultRequestHeaders.Add("Ocp-Apim-Subscription-Key", apiKey);  
 ;  
 ;  
  
HttpResponseMessage response;  
var content = new StringContent(body, Encoding.UTF8, "application/json");  
var response = await client.PutAsync(uri, content);  
...  

```

#### NEW QUESTION: 43

Which statement is an example of Data Manipulation Language (DML)?

- A. DROP
- B. Revoke
- C. UPDATE
- D. CREATE

Answer: C ([LEAVE A REPLY](#))

#### NEW QUESTION: 44

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

Answer: D ([LEAVE A REPLY](#))

**NEW QUESTION: 45**

What is the primary purpose of a data warehouse?

- A. to provide answers to complex queries that rely on data from multiple sources
- B. to provide transformation services between source and target data stores
- C. to provide read only storage of relational and non relational historical data
- D. to provide storage for transactional line-of-business (LOB) applications

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 46**

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

You have the dialog design shown in the following exhibit.

The screenshot displays the Microsoft Bot Framework Composer interface. On the left, a dialog flow is shown starting with a 'BeginDialog' event. The flow includes three steps: 1. A 'Bot Asks (Text)' step with the prompt 'What is your name?'. 2. A 'User Input (Text)' step with the expression 'user.name = Input(Text)'. 3. A 'Bot Asks (Number)' step with the prompt 'Hello S(user.name), how old are you?'. 4. A 'User Input (Number)' step with the expression 'user.age = Input(Number)'. On the right, the configuration for the 'Text' input step is shown. The 'Property' is set to 'string' and 'user.name'. The 'Output Format' is set to 'string' with an example expression 'ex. =toUpper(this.value), \$(toUpper(this.value))'. The 'Value' is set to 'expression' with the expression 'fx = coalesce(@user.Name.@personName)'. The 'Expected responses (intent)' is '#TextInput\_Response\_GH5FTe'. A 'Learn more' link is also visible.

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	Microsoft	Statements	Yes	No
		<code>user.name</code> 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 <code>user.name</code> and <code>user.age</code> properties.	<input type="radio"/>	<input type="radio"/>
		The chatbot attempts to take the first non-null entity value for <code>userName</code> or <code>personName</code> and assigns the value to <code>user.name</code> .	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area	Microsoft	Statements	Yes	No
		<code>user.name</code> 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 <code>user.name</code> and <code>user.age</code> properties.	<input checked="" type="radio"/>	<input type="radio"/>
		The chatbot attempts to take the first non-null entity value for <code>userName</code> or <code>personName</code> and assigns the value to <code>user.name</code> .	<input checked="" type="radio"/>	<input type="radio"/>

Explanation

Answer Area	Microsoft	Statements	Yes	No
		<code>user.name</code> 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 <code>user.name</code> and <code>user.age</code> properties.	<input checked="" type="radio"/>	<input type="radio"/>
		The chatbot attempts to take the first non-null entity value for <code>userName</code> or <code>personName</code> and assigns the value to <code>user.name</code> .	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No

User.name is a property.

Box 2: Yes

Box 3: Yes

The `coalesce()` function evaluates a list of expressions and returns the first non-null (or non-empty for string) expression.

Reference:

<https://docs.microsoft.com/en-us/composer/concept-language-generation>

<https://docs.microsoft.com/en-us/azure/data-explorer/kusto/query/coalescefuction>

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#### **NEW QUESTION: 47**

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

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 48**

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 (LEAVE A REPLY)**

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: 49**

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

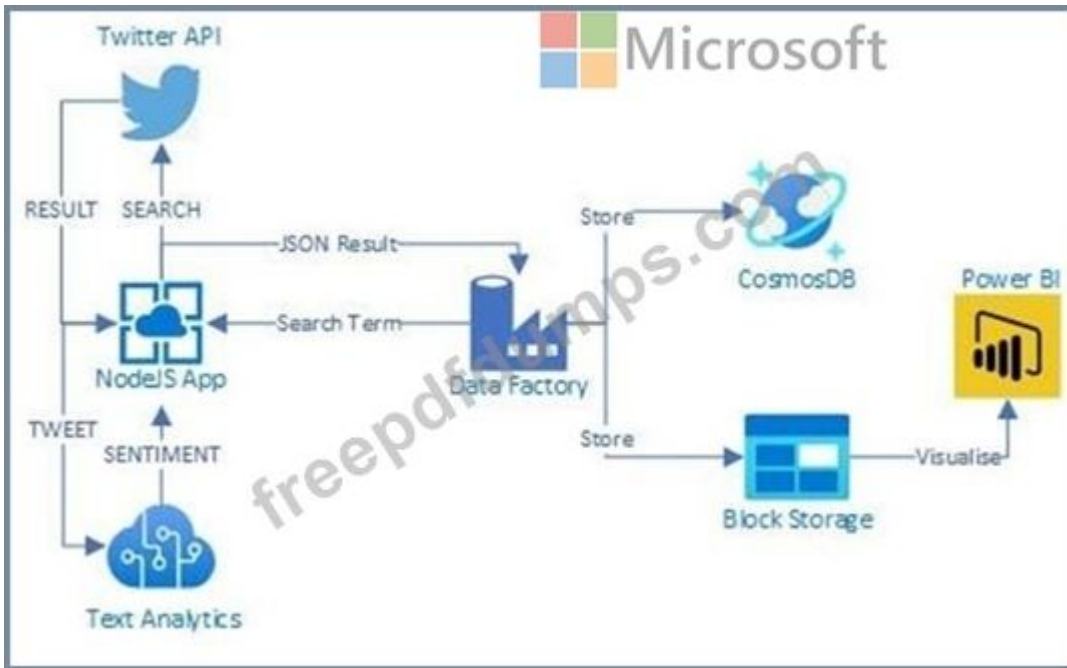
- A. Text Analytics
- B. Content Moderator
- C. Computer Vision
- D. Form Recognizer

**Answer: (SHOW ANSWER)**

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: 50**

Select the answer that correctly completes the sentence.

Answer Area

Relational data is stored in

a file system as unstructured data.

a hierarchal folder structure.

a tabular form of rows and columns.

comma-separated value (CSV) files.

**Answer:**

Answer Area

Relational data is stored in

a file system as unstructured data.  
a hierarchal folder structure.  
a tabular form of rows and columns.  
comma-separated value (CSV) files.



## Explanation

Answer Area

Relational data is stored in a hierarchal folder structure.

### NEW QUESTION: 51

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 (LEAVE A REPLY)**

## 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: 52

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:

Microsoft

**Answer:**

**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

Microsoft

**Explanation**

D:\mudassar\Untitled.jpg

**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

Microsoft

**NEW QUESTION: 53**

You have an Azure subscription that contains an Azure Cognitive Service for Language resource. You need to identify the URL of the REST interface for the Language service. Which blade should you use in the Azure portal?

- A. Identity
- B. Networking
- C. Keys and Endpoint
- D. Properties

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 54**

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 (LEAVE A REPLY)**

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: 55**

You have a bot that was built by using the Microsoft Bot Framework composer as shown in the following exhibit.



Use the drop-down menus 10 select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

**Answer Area**

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

The GetWeather dialog uses a [answer choice] trigger.

Microsoft

- identify New York as a city entity
- change to a different dialog
- identify New York as a city entity
- identify New York as a state entity
- respond with the weather in Seattle
- Language Understanding Intent recogn...
- Custom events
- Dialog events
- Language Understanding Intent recognized
- QnA Intent recognized

**Answer:**

**Answer Area**

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

The GetWeather dialog uses a [answer choice] trigger.

Microsoft

- identify New York as a city entity
- change to a different dialog
- identify New York as a city entity
- identify New York as a state entity
- respond with the weather in Seattle
- Language Understanding Intent recogn...
- Custom events
- Dialog events
- Language Understanding Intent recognized
- QnA Intent recognized

**Explanation**

**Answer Area**

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

The GetWeather dialog uses a [answer choice] trigger.

**NEW QUESTION: 56**

Select the answer that correctly completes the sentence.

**Answer Area**

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

Microsoft

- ALTER
- JOIN
- SET
- WHERE

**Answer:**

**Answer Area**

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

Microsoft

- ALTER
- JOIN
- SET
- WHERE

**Explanation**

**Answer Area**

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

Microsoft

**NEW QUESTION: 57**

You build a Language Understanding model by using the Language Understanding portal.

You export the model as a JSON file as shown in the following sample.

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

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

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

**Answer: B (LEAVE A REPLY)**

#### NEW QUESTION: 58

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. No
- B. Yes

**Answer: (SHOW ANSWER)**

#### NEW QUESTION: 59

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

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 60**

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

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 61**

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

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

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

You need to add the new images to the classifier.

Solution: You add the new images and labels to the existing model. You retrain the model, and then publish the model.

Does this meet the goal?

- A. Yes
- B. No

**Answer: A ([LEAVE A REPLY](#))**

Explanation

The model needs to be extended and retrained.

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**NEW QUESTION: 62**

You build a conversational bot named bot1.

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

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

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

**Answer: C (LEAVE A REPLY)**

Explanation

Obtain values to connect your bot to the knowledge base

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

Reference:

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

### NEW QUESTION: 63

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

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



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


Answer Area

There will be [answer choice].

Images will [answer choice].

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

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



**Answer:**

Answer Area



Explanation

Answer Area

There will be [answer choice]. two projection groups

Images will [answer choice]. not be saved.



**NEW QUESTION: 64**

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"/>



**Answer:**

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



Explanation

## Statements

Yes

No

``${user.name}`` retrieves the user name by using a prompt.

`Greet()` is the name of the language generation template.

``${Greeting()}`` is a reference to a template in the language generation file.

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

Reference:

<https://docs.microsoft.com/en-us/composer/how-to-ask-for-user-input>

## NEW QUESTION: 65

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

You need to move the project to a Language service instance in a different Azure region.

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

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

Answer:

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

Explanation

Actions	Answer Area
From the new Language service instance, import the project file.	
From the new Language service instance, enable custom text classification.	
From the new Language service instance, train and publish the project.	

Answer Area
1 From the original Language service instance, export the existing project.
2 From the new Language service instance, regenerate the keys.
3 From the original Language service instance, train and publish the model.

## NEW QUESTION: 66

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: A,D,E (LEAVE A REPLY)**

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: 67

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

**Answer: B,C,F (LEAVE A REPLY)**

**NEW QUESTION: 68**

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 entity for the domain.

Does this meet the goal?

**A.** Yes

**B.** No

**Answer: B (LEAVE A REPLY)**

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: 69**

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 bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Services** **Answer Area**

Speaker Recognition

Speech to Text


Text Analytics

Text to Speech

Translator


Detect the incoming language:

Respond in the callers' own language:



**Answer:**

**Services** **Answer Area**



Speaker Recognition

Speech to Text

Text Analytics

Text to Speech

Translator

Detect the incoming language:

Respond in the callers' own language:

Text Analytics

Translator

Explanation

Text Description automatically generated with low confidence

Detect the incoming language:

Text Analytics

Respond in the callers' own language:

Translator



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.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-language>

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

**NEW QUESTION: 70**

You have a web app that uses Azure Cognitive Search.

When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.

You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.

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

The screenshot shows a drag-and-drop interface. On the left, under the heading "Actions", there is a list of six items: "Add a new query key.", "Regenerate the secondary admin key.", "Change the app to use the secondary admin key.", "Change the app to use the new key.", "Regenerate the primary admin key.", and "Delete the compromised key.". On the right, under the heading "Answer Area", there is a large empty space with a Microsoft logo watermark. Navigation arrows (left, right, up, down) are visible between the two sections.

**Answer:**

This screenshot shows the same interface as above, but with three actions moved to the "Answer Area". The actions are: "Add a new query key.", "Change the app to use the new key.", and "Delete the compromised key.". These three items are enclosed in a dashed red box. The "Change the app to use the new key." item has a left-pointing arrow next to it, and the "Delete the compromised key." item has a right-pointing arrow next to it, indicating their relative order in the sequence.

**Explanation**

Graphical user interface, text Description automatically generated

A close-up view of the three selected actions from the previous screenshot: "Add a new query key.", "Change the app to use the new key.", and "Delete the compromised key.". The items are arranged vertically in the order they should be performed.

**Reference:**

<https://docs.microsoft.com/en-us/azure/search/search-security-api-keys>

**NEW QUESTION: 71**

You are building a social media extension that will convert text to speech. The solution must meet the following requirements:

- \* Support messages of up to 400 characters.
- \* Provide users with multiple voice options.
- \* Minimize costs.

You create an Azure Cognitive Services resource.

Which Speech API endpoint provides users with the available voice options?

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

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 72**

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

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

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 73**

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

NOTE: Each correct selection is worth one point.

Microsoft 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"/>

**Answer:**

Microsoft 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 type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

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="checkbox"/>	<input type="checkbox"/>

**NEW QUESTION: 74**

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

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

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 75**

You use the Custom Vision service to build a classifier.

After training is complete, you need to evaluate the classifier.

Which two metrics are available for review? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. weighted accuracy
- B. precision
- C. F-score
- D. area under the curve (AUC)
- E. recall

**Answer: B,E (LEAVE A REPLY)**

Explanation

Custom Vision provides three metrics regarding the performance of your model: precision, recall, and AP.

Reference:

<https://www.tallan.com/blog/2020/05/19/azure-custom-vision/>

**NEW QUESTION: 76**

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

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

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

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

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

Solution: You deploy service1 and a public endpoint to a new virtual network, and you configure Azure Private Link.

Does this meet the goal?

A. Yes

B. No

**Answer: B (LEAVE A REPLY)**

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/cognitive-services-virtual-networks?tabs=portal#use-p>

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#### NEW QUESTION: 77

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 Azure portal, enable log collection in Log Analytics, and then analyze the logs.

B. From Language Studio, select Model performance.

C. From the language authoring REST endpoint, retrieve the model evaluation summary.

D. From Language Studio, enable Active Learning, and then validate the utterances logged for review.

**Answer: C,D (LEAVE A REPLY)**

#### NEW QUESTION: 78

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

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

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

NOTE: Each correct selection is worth one point.

**Answer Area**



**Statements**

**Yes**   **No**

`OnMembersAddedAsync` will be triggered when a user joins the conversation.  Yes  No

When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.  Yes  No

`OnMembersAddedAsync` will be initialized when a user sends a message.  Yes  No

**Answer:**

<b>Answer Area</b>	<b>Statements</b>	<b>Yes</b>	<b>No</b>
	<code>OnMembersAddedAsync</code> will be triggered when a user joins the conversation.	<input checked="" type="radio"/>	<input type="radio"/>
	When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	<input checked="" type="radio"/>	<input type="radio"/>
	<code>OnMembersAddedAsync</code> will be initialized when a user sends a message.	<input type="radio"/>	<input checked="" type="radio"/>

**Explanation**

<b>Answer Area</b>	<b>Statements</b>	<b>Yes</b>	<b>No</b>
	<code>OnMembersAddedAsync</code> will be triggered when a user joins the conversation.	<input checked="" type="radio"/>	<input type="radio"/>
	When a new user joins the conversation, the existing users in the conversation will see the chatbot greeting.	<input checked="" type="radio"/>	<input type="radio"/>
	<code>OnMembersAddedAsync</code> will be initialized when a user sends a message.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes

The `ActivityHandler.OnMembersAddedAsync` method overrides this in a derived class to provide logic for when members other than the bot join the conversation, such as your bot's welcome logic.

Box 2: Yes

`membersAdded` is a list of all the members added to the conversation, as described by the conversation update activity.

Box 3: No

Reference:

<https://docs.microsoft.com/en-us/dotnet/api/microsoft.bot.builder.activityhandler.onmembersaddedasync?view=b>

**NEW QUESTION: 79**

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

A From 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**

Navigation arrows: > and <

**Answer:**

**Actions**

- Train a custom model
- Label the sample documents
- Create a new project and load sample documents
- Create a composite model

**Answer Area**

- Create a new project and load sample documents
- Label the sample documents
- Train a custom model

Navigation arrows: > and <

**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.

Reference:

<https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/label-tool>

**NEW QUESTION: 80**

You are developing the shopping on-the-go project.

You are configuring access to the QnA Maker resources.

Which role should you assign to AllUsers and LeadershipTeam? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

AllUsers:

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

LeadershipTeam:

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

Answer:

## Answer Area

AllUsers:

	▼
Cognitive Service User	
Contributor	
Owner	
QnA Maker Editor	
QnA Maker Read	

LeadershipTeam:

	▼
Cognitive Service User	
Contributor	
Owner	
QnA Maker Editor	
QnA Maker Read	

Explanation


## Answer Area

AllUsers:  ▼

Cognitive Service User
Contributor
Owner
<b>QnA Maker Editor</b>
QnA Maker Read

LeadershipTeam:  ▼

Cognitive Service User
<b>Contributor</b>
Owner
QnA Maker Editor
QnA Maker Read



Box 1: QnA Maker Editor

Scenario: Provide all employees with the ability to edit Q&As.

The QnA Maker Editor (read/write) has the following permissions:

Create KB API

Update KB API

Replace KB API

Replace Alterations

"Train API" [in

new service model v5]

Box 2: Contributor

Scenario: Only senior managers must be able to publish updates.

Contributor permission: All except ability to add new members to roles

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/reference-role-based-access-control>

### NEW QUESTION: 81

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

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

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

**Answer: A (LEAVE A REPLY)**

Explanation

Video Indexer supports multiple Person models per account. Once a model is created, you can use it by providing the model ID of a specific Person model when uploading/indexing or reindexing a video. Training a new face for a video updates the specific custom model that the video was associated with.

Note: Video Indexer supports face detection and celebrity recognition for video content. The celebrity recognition feature covers about one million faces based on commonly requested data source such as IMDB, Wikipedia, and top LinkedIn influencers. Faces that aren't recognized by the celebrity recognition feature are detected but left unnamed. Once you label a face with a name, the face and name get added to your account's Person model. Video Indexer will then recognize this face in your future videos and past videos.

Reference:

<https://docs.microsoft.com/en-us/azure/media-services/video-indexer/customize-person-model-with-api>

### NEW QUESTION: 82

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

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

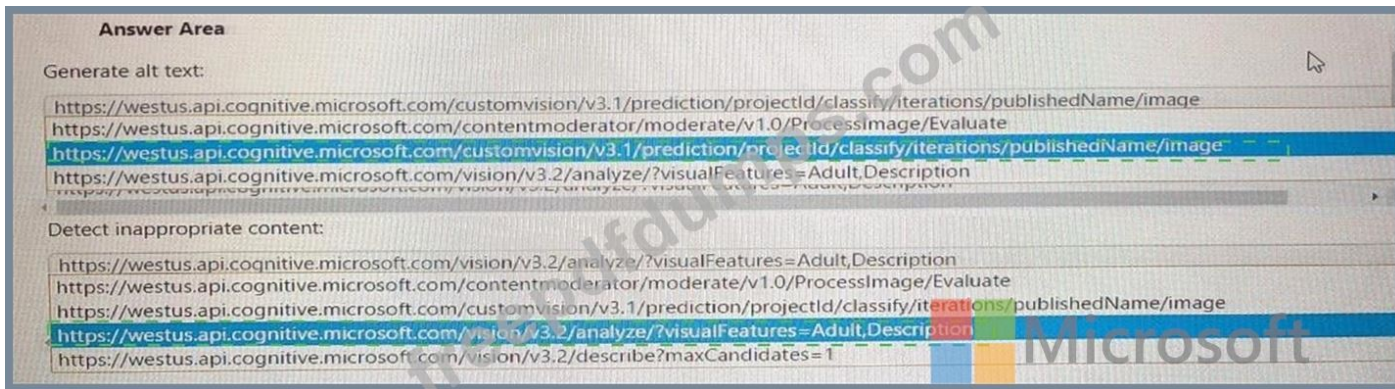
You need to recommend a computer vision endpoint for each requirement.

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

NOTE: Each correct selection is worth one point.



**Answer:**



### NEW QUESTION: 83

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

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

**Answer: A (LEAVE A REPLY)**

### NEW QUESTION: 84

Which database transaction property ensures that individual transactions are executed only once and either succeed in their entirety or roll back?

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

**Answer: D (LEAVE A REPLY)**

### NEW QUESTION: 85

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 change setting intent
- B. a device intent
- C. a query setting intent
- D. a device entity

E. a change setting entity

F. a location Intent

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 86

You have data saved in the following format.

```
FirstName,LastName,Age,LeisureHobby,SportsHobby  
John,Smith,23,Reading,Basketball  
Ben,Smith,21,Guitar,Curling
```

Which format was used?

A. HTML

B. JSON

C. CSV

D. YAML

Answer: C ([LEAVE A REPLY](#))

### NEW QUESTION: 87

You are building a chatbot by using the Microsoft Bot Framework Composer as shown in the exhibit. (Click the Exhibit tab.)

The screenshot displays the Microsoft Bot Framework Composer interface. On the left, a dialog flow is shown for 'GetUserDetails > BeginDialog > Text'. The flow starts with a 'BeginDialog' event, followed by a 'Bot Asks (Text)' action with the prompt 'What is your name?'. This is followed by a 'User input (Text)' action with the configuration '(SCOPE).name = Input(Text)'. On the right, the configuration for the 'Prompt for text' control is shown. The 'User input' tab is selected. The configuration includes: Property (string), (SCOPE) name, Output format (string), Value (string), and Expected responses (intent: #TextInput\_Response\_FuyF4).

The chatbot contains a dialog named GetUserDetails. GetUserDetails contains a TextInput control that prompts users for their name.

The user input will be stored in a property named name.

You need to ensure that you can dispose of the property when the last active dialog ends.

Which scope should you assign to name?

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

**Answer: A (LEAVE A REPLY)**

Explanation

The dialog scope associates properties with the active dialog. Properties in the dialog scope are retained until the dialog ends.

Reference:

<https://docs.microsoft.com/en-us/composer/concept-memory?tabs=v2x>

### NEW QUESTION: 88

You are building an app that will scan confidential documents and use the Language service to analyze the contents.

You provision an Azure Cognitive Services resource.

You need to ensure that the app can make requests to the Language service endpoint. The solution must ensure that confidential documents remain on-premises.

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

The screenshot shows the Microsoft Azure portal interface. On the left, under the heading "Actions", there is a list of seven actions:

- Pull an image from Docker Hub.
- Provision an on-premises Kubernetes cluster that has internet connectivity.
- Provision an Azure Kubernetes Service (AKS) resource.
- Run the container and specify an App ID and Client Secret.
- Provision an on-premises Kubernetes cluster that is isolated from the internet.
- Pull an image from the Microsoft Container Registry (MCR).
- Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

On the right, under the heading "Answer Area", there is an empty space with two circular arrows (up and down) for reordering. A large "Microsoft" watermark is visible across the bottom of the interface.

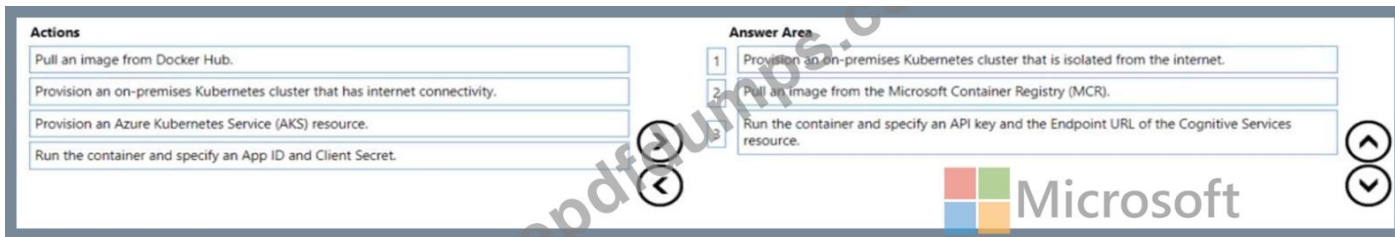
**Answer:**

The screenshot shows the Microsoft Azure portal interface with the correct sequence of actions moved to the answer area. The "Actions" list on the left is the same as in the previous screenshot. The "Answer Area" on the right now contains three actions in the following order:

- Provision an on-premises Kubernetes cluster that is isolated from the internet.
- Pull an image from the Microsoft Container Registry (MCR).
- Run the container and specify an API key and the Endpoint URL of the Cognitive Services resource.

The actions in the answer area are enclosed in a dashed red box, and the "Microsoft" watermark is still present.

Explanation



### NEW QUESTION: 89

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

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 90

You develop a Conversational Language Understanding model by using Language Studio. During testing, users receive incorrect responses to requests that do NOT relate to the capabilities of the model.

You need to ensure that the model identifies spurious requests.

What should you do?

- A. Enable active learning.
- B. Add entities.
- C. Add examples to the None intent
- D. Add examples to the custom intents.

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 91

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.Knowledgebase.CreateAsync method.
- C. Create a list of QnADTO objects that represents data from the WebJob.
- D. Create a CreateKbDTO object.

**Answer: (SHOW ANSWER)**

Reference:

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

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### NEW QUESTION: 92

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.

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

**Answer:**

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

**Explanation**

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

### NEW QUESTION: 93

You need to create a new resource that will be used to perform sentiment analysis and optical character recognition (OCR). The solution must meet the following requirements:

Use a single key and endpoint to access multiple services.

Consolidate billing for future services that you might use.



**Answer Area**

▼ https://management.azure.com/subscriptions/xxxxxxx-xxxx-

PATCH
POST
PUT

xxxx-xxxx-  
xxxxxxxxxxxx/resourceGroups/RG1/providers/Microsoft.CognitiveServices/  
accounts/CS1?api-version=2017-04-18

```
{  
  "location": "West US",  
  "kind": "CognitiveServices",  
  "sku": {  
    "name": "S0"  
  },  
  "properties": {},  
  "identity": {  
    "type": "SystemAssigned"  
  }  
}
```

Explanation

**Answer Area**

▼	https://management.azure.com/subscriptions/xxxxxxx-xxxx-
PATCH	
POST	
PUT	

xxxx-xxxx-  
xxxxxxxxxxxxx/resourceGroups/RG1/providers/Microsoft.CognitiveServices/  
accounts/CS1?api-version=2017-04-18

```
{  
  "location": "West US",  
  "kind": "CognitiveServices"
```

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

Box 1: PUT

Sample Request: PUT

<https://management.azure.com/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/test-rg/> Reference:

<https://docs.microsoft.com/en-us/rest/api/deviceupdate/resourcemanager/accounts/create>

<https://www.analyticsvidhya.com/blog/2020/12/microsoft-azure-cognitive-services-api-for-ai-development/>

**NEW QUESTION: 94**

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. analyzeImageByDomainInStreamAsync
- C. toglfiageInStreaaAsync
- D. describelmageInStreamAsync

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 95**

Match the types of workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Workload Types	Answer Area
<div style="border: 1px solid black; padding: 5px;"> <div style="background-color: #92d050; padding: 2px; margin-bottom: 2px;">Batch</div> <div style="background-color: #0070c0; padding: 2px;">Streaming</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Workload type</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Workload type</div> <div style="border: 1px solid black; padding: 2px;">Workload type</div> </div>
	<p>Data for a product catalog will be loaded every 12 hours to a data warehouse.</p> <p>Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.</p> <p>Updates to inventory data will be loaded to a data warehouse every 1 million transactions.</p>

**Answer:**

Workload Types	Answer Area
<div style="border: 1px dashed green; padding: 5px;"> <div style="background-color: #92d050; padding: 2px; margin-bottom: 2px;">Batch</div> <div style="background-color: #0070c0; padding: 2px;">Streaming</div> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border: 1px dashed red; padding: 2px; margin-bottom: 2px;">Batch</div> <div style="border: 1px dashed red; padding: 2px; margin-bottom: 2px;">Streaming</div> <div style="border: 1px dashed red; padding: 2px;">Batch</div> </div>
	<p>Data for a product catalog will be loaded every 12 hours to a data warehouse.</p> <p>Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.</p> <p>Updates to inventory data will be loaded to a data warehouse every 1 million transactions.</p>

**Explanation**

Answer Area
<div style="border: 1px solid black; padding: 5px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Batch</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;">Streaming</div> <div style="border: 1px solid black; padding: 2px;">Batch</div> </div>
<p>Data for a product catalog will be loaded every 12 hours to a data warehouse.</p> <p>Thousands of data sets per second for online purchases will be loaded into a data warehouse in real time.</p> <p>Updates to inventory data will be loaded to a data warehouse every 1 million transactions.</p>

**NEW QUESTION: 96**

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.	

**Answer:**

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

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: 97

You are building a Language Understanding model for purchasing tickets.

You have the following utterance for an intent named PurchaseAndSendTickets.

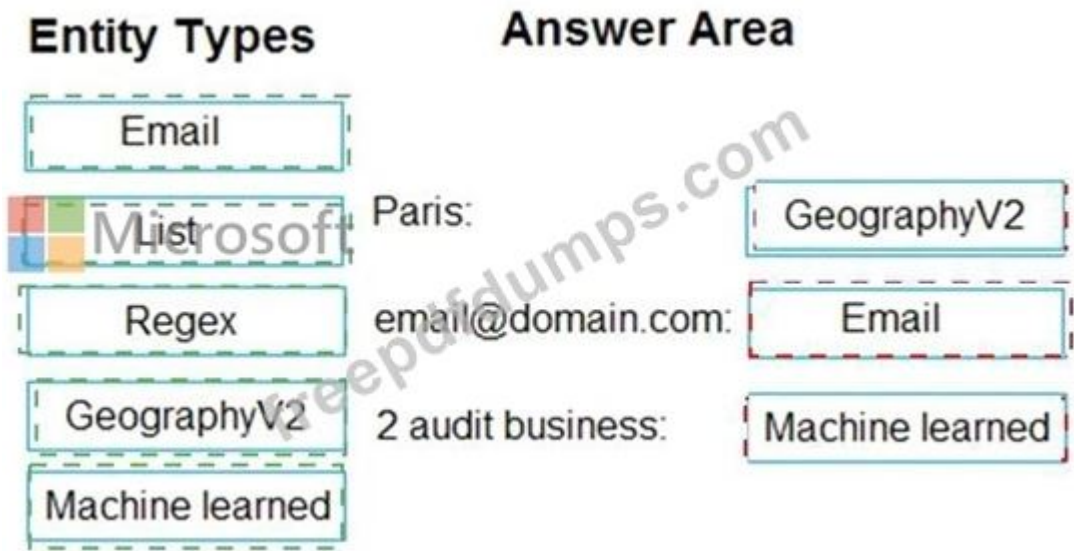
Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com] You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.

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.

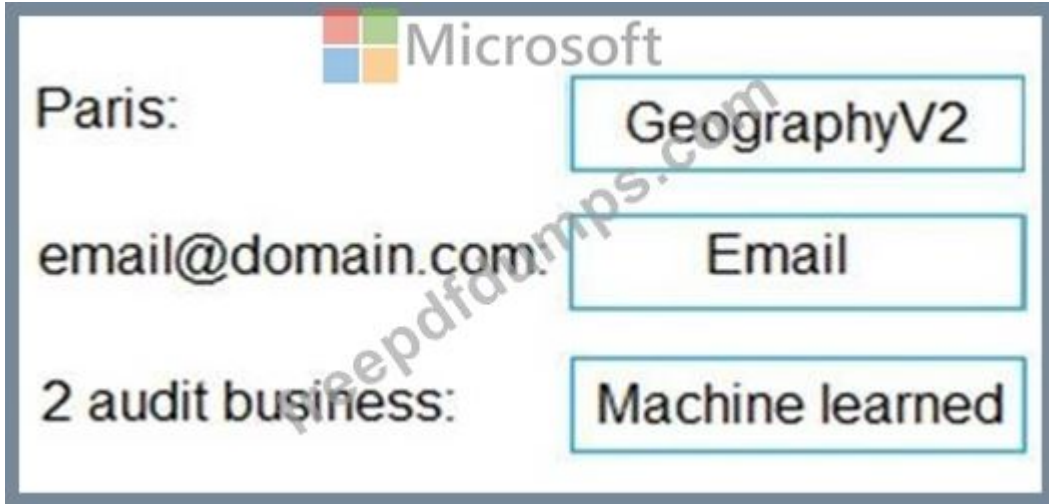
Entity Types	Answer Area
Email	
List	Paris: <input type="text"/>
Regex	email@domain.com: <input type="text"/>
GeographyV2	2 audit business: <input type="text"/>
Machine learned	

Answer:



**Explanation**

Graphical user interface, application Description automatically generated



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.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-geographyv2>

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

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/reference-entity-machine-learned-entity>

**NEW QUESTION: 98**

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

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 99**

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:** B,C ([LEAVE A REPLY](#))

Explanation

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

#### **NEW QUESTION: 100**

You have a chatbot that uses a QnA Maker application.

You enable active learning for the knowledge base used by the QnA Maker application.

You need to integrate user input into the model.

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

Actions



Answer Area

- Add a task to the Azure resource.
- Approve and reject suggestions.
- Publish the knowledge base.
- Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.
- 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:

Actions

Answer Area

- Add a task to the Azure resource.
- Approve and reject suggestions.
- Publish the knowledge base.
- Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.
- For the knowledge base, select Show active learning suggestions.
- Save and train the knowledge base.
- Select the properties of the Azure Cognitive Services resource.

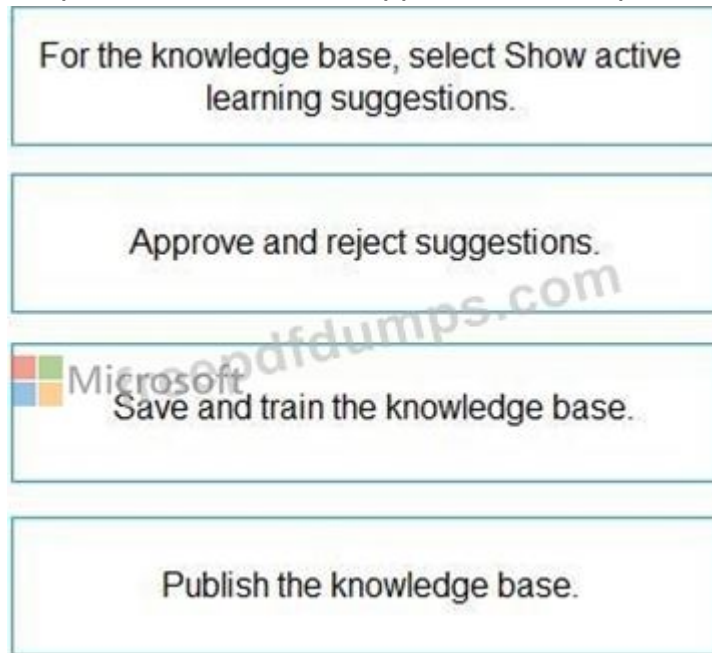


- For the knowledge base, select Show active learning suggestions.
- Approve and reject suggestions.
- Save and train the knowledge base.
- Publish the knowledge base.



## Explanation

Graphical user interface, application Description automatically generated



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.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/improve-knowledge-base>

### **NEW QUESTION: 101**

You have a Computer Vision resource named contoso1 that is hosted in the West US Azure region.

You need to use contoso1 to make a different size of a product photo by using the smart cropping feature.

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

NOTE: Each correct selection is worth one point.

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /
-o "sample.png" -H "Content-Type: application/json" /
/vision/v3.1/
?width=100&height=100&smartCropping=true" /
"https://api.projectoxford.ai
"https://contoso1.cognitiveservices.azure.com
"https://westus.api.cognitive.microsoft.com
areaOfInterest
detect
generateThumbnail
-d "{\"url\":\"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```

**Answer:**

```
curl -H "Ocp-Apim-Subscription-Key: xxx" /
-o "sample.png" -H "Content-Type: application/json" /
/vision/v3.1/
?width=100&height=100&smartCropping=true" /
"https://api.projectoxford.ai
"https://contoso1.cognitiveservices.azure.com
"https://westus.api.cognitive.microsoft.com
areaOfInterest
detect
generateThumbnail
-d "{\"url\":\"https://upload.litwareinc.org/litware/bicycle.jpg\"}"
```

Explanation

westus.api.cognitive.microsoft.com

generateThumbnail

<https://docs.microsoft.com/en-us/rest/api/computervision/3.1/generate-thumbnail/generate-thumbnail#examples> POST

<https://westus.api.cognitive.microsoft.com/vision/v3.1/generateThumbnail?width=500&height=500&smartCropping=true>

Ocp-Apim-Subscription-Key: {API key}

**NEW QUESTION: 102**

You are building a call handling system that will receive calls from French-speaking and German-speaking callers. The system must perform the following tasks;

- \* Capture inbound voice messages as text.
- \* Replay messages in English on demand.

Which Azure Cognitive Services should you use? To answer, select the appropriate options in the answer area.

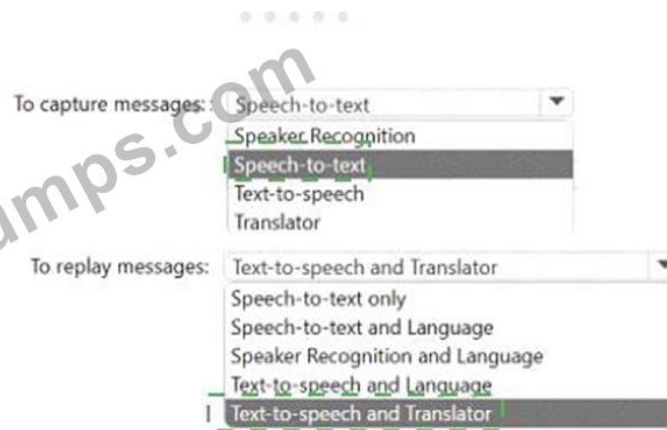
NOTE: Each correct selection is worth one point.

Answer Area

To capture messages:

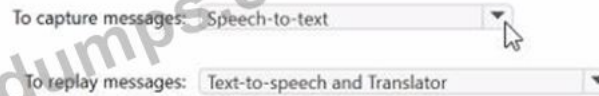
To replay messages:

**Answer:**



Explanation

Answer Area



**NEW QUESTION: 103**

You are building a Language Understanding model for an e-commerce platform. You need to construct an entity to capture billing addresses.

Which entity type should you use for the billing address?

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

**Answer: (SHOW ANSWER)**

Explanation

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

Address: 4567 Main Street, NY, 98052, USA

Building Number: 4567

Street Name: Main Street

State: NY

Zip Code: 98052

Country: USA

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

**NEW QUESTION: 104**

You have a Language Understanding resource named lu1.

You build and deploy an Azure bot named bot1 that uses lu1.

You need to ensure that bot1 adheres to the Microsoft responsible AI principle of inclusiveness.

How should you extend bot1?

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

**Answer: D (LEAVE A REPLY)**

Explanation

Inclusiveness: AI systems should empower everyone and engage people.

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

Reference:

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

#### **NEW QUESTION: 105**

You have a chatbot that was built by using Microsoft Bot Framework and deployed to Azure.

You need to configure the bot to support voice interactions. The solution must support multiple client apps.

Which type of channel should you use?

- A. Microsoft Teams
- B. Direct Line Speech
- C. Cortana

**Answer: (SHOW ANSWER)**

#### **NEW QUESTION: 106**

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

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

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

NOTE: Each correct selection is worth one point.

### Values

detect  
findsimilars  
group  
identify  
matchFace  
matchPerson  
verify

### Answer Area

POST {Endpoint}/face/v1.0/  
Request Body

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

### Answer:

#### Values

detect  
findsimilars  
group  
identify  
matchFace  
matchPerson  
verify

### Answer Area

POST {Endpoint}/face/v1.0/  
Request Body

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

### 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.

Reference:

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

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

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**NEW QUESTION: 107**

You are using a Language Understanding service to handle natural language input from the users of a web-based customer agent.

The users report that the agent frequently responds with the following generic response: "Sorry, I don't understand that." You need to improve the ability of the agent to respond to requests.

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

**ACTIONS**

- Add prebuilt domain models as required.
- Validate the utterances logged for review and modify the model.
- Migrate authoring to an Azure resource authoring key.
- Enable active learning.
- Enable log collection by using Log Analytics.
- Train and republish the Language Understanding model.

**Answer Area**



**Answer:**

Actions	Answer Area
Add prebuilt domain models as required.	Enable active learning.
Validate the utterances logged for review and modify the model.	Validate the utterances logged for review and modify the model.
Migrate authoring to an Azure resource authoring key.	Train and republish the Language Understanding model.
Enable active learning.	
Enable log collection by using Log Analytics.	
Train and republish the Language Understanding model.	

## Explanation

- enable active learning
- validate the utterances
- train and republish

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-how-to-review-endpoint-utterances#log-user->

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

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