# Microsoft

## Exam Questions AI-102

Designing and Implementing an Azure AI Solution

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

**Answer Area**

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

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: QnA Maker Editor
Scenario: Provide all employees with the ability to edit Q&As. The QnA Maker Editor (read/write) has the following permissions: Create KB API
Update KB API Replace KB API Replace Alterations "Train API" [in
new service model v5] Box 2: Contributor
Scenario: Only senior managers must be able to publish updates. Contributor permission: All except ability to add new members to roles
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/reference-role-based-access-control

**NEW QUESTION 2**
- (Exam Topic 1)
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:** ABF

**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

**NEW QUESTION 3**
- (Exam Topic 2)
You are building a chatbot that will provide information to users as shown in the following exhibit.

**Passengers**
Sarah Hum
Jeremy Goldberg
Evan Litvak

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

| San Francisco | | San Francisco |
| Amsterdam | ✈ | Amsterdam |
| SFO | | SFO |
| AMS | | AMS |

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

| San Francisco | | San Francisco |
| Amsterdam | ✈ | Amsterdam |
| SFO | | SFO |
| AMS | | AMS |

| Total | $4,032.54 |

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

**Answer Area**

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

| ▼ |
| --- |
| an Adaptive Card |
| a Hero Card |
| a Thumbnail Card |

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

| ▼ |
| --- |
| an action set |
| an image |
| an image group |
| media |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: A Thumbnail card
A Thumbnail card typically contains a single thumbnail image, some short text, and one or more buttons. Reference:
https://docs.microsoft.com/en-us/microsoftteams/platform/task-modules-and-cards/cards/cards-reference

**NEW QUESTION 4**
- (Exam Topic 2)
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.

## Answer Area

| 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. | ○ | ○ |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: No
Example: Greet a user whose name is stored in `user.name`
- ${ welcomeUser(user.name) }
Example: Greet a user whose name you don't know:
- ${ welcomeUser() }
Box 2: No
Greet(User) is a Send a response action.
Box 3: Yes
Reference:
https://docs.microsoft.com/en-us/composer/how-to-ask-for-user-input

**NEW QUESTION 5**
- (Exam Topic 2)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You build a language model by using a Language Understanding service. The language model is used to search for information on a contact list by using an intent named FindContact.
A conversational expert provides you with the following list of phrases to use for training. Find contacts in London. Who do I know in Seattle?
Search for contacts in Ukraine.
You need to implement the phrase list in Language Understanding. Solution: You create a new pattern in the FindContact intent.
Does this meet the goal?

A. Yes
B. No

**Answer:** B

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

**NEW QUESTION 6**
- (Exam Topic 2)
You are building a chatbot by using the Microsoft Bot Framework Composer. You have the dialog design shown in the following exhibit.

AskForName > BeginDialog > Text          Show code

**Prompt for text**
Text input

Collection information - Ask for a word or sentence.

Learn more

**BeginDialog**
Begin dialog event

➕

Bot Asks (Text)
What is your name?

User Input (Text)
user.name = Input(Text)

➕

Bot Asks (Number)
Hello $(user.name), how old are you?

User Input (Number)
user.age = Input(Number)

| Bot Asks | User Input | Other |

Property ⓘ          string ⌄
user.name

Output Format ⓘ          string ⌄
ex. =toUpper(this.value), $(toUpper(this.value))

Value ⓘ          expression ⌄
fx =coalesce(@user.Name.@personName)

Expected responses (intent: #TextInput_Response_GH5FTe)

>

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

**Answer Area**

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: No
User.name is a property.
Box 2: Yes
Box 3: Yes
The coalesce() function evaluates a list of expressions and returns the first non-null (or non-empty for string) expression.
Reference:
https://docs.microsoft.com/en-us/composer/concept-language-generation https://docs.microsoft.com/en-us/azure/data-explorer/kusto/query/coalescefunction

**NEW QUESTION 7**
- (Exam Topic 2)
You have the following C# method for creating Azure Cognitive Services resources programmatically.

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

You need to call the method to create a free Azure resource in the West US Azure region. The resource will be used to generate captions of images automatically. Which code should you use?

A. create_resource(client, "res1", "ComputerVision", "F0", "westus")
B. create_resource(client, "res1", "CustomVision.Prediction", "F0", "westus")
C. create_resource(client, "res1", "ComputerVision", "S0", "westus")
D. create_resource(client, "res1", "CustomVision.Prediction", "S0", "westus")

**Answer:** B

**Explanation:**
Many of the Cognitive Services have a free tier you can use to try the service. To use the free tier, use F0 as the SKU for your resource.
There are two tiers of keys for the Custom Vision service. You can sign up for a F0 (free) or S0 (standard) subscription through the Azure portal.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/cognitive-services-apis-create-account-client-library? https://docs.microsoft.com/en-us/azure/cognitive-services/custom-vision-service/limits-and-quotas

**NEW QUESTION 8**
- (Exam Topic 2)
You train a Custom Vision model to identify a company's products by using the Retail domain. You plan to deploy the model as part of an app for Android phones. You need to prepare the model for deployment.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/custom-vision-service/export-your-model

**NEW QUESTION 9**
- (Exam Topic 2)
You have an existing Azure Cognitive Search service.
You have an Azure Blob storage account that contains millions of scanned documents stored as images and PDFs.
You need to make the scanned documents available to search as quickly as possible. What should you do?

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 10**
- (Exam Topic 2)
You have a web app that uses Azure Cognitive Search.
When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.
You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

| Actions | Answer Area |
| --- | --- |
| Add a new query key. | |
| Regenerate the secondary admin key. | |
| Change the app to use the secondary admin key. | |
| Change the app to use the new key. | |
| Regenerate the primary admin key. | |
| Delete the compromised key. | |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Graphical user interface, text Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/search/search-security-api-keys

**NEW QUESTION 10**
- (Exam Topic 2)
You are building a retail chatbot that will use a QnA Maker service.
You upload an internal support document to train the model. The document contains the following question: "What is your warranty period?"
Users report that the chatbot returns the default QnA Maker answer when they ask the following question: "How long is the warranty coverage?"
The chatbot returns the correct answer when the users ask the following question: 'What is your warranty period?"
Both questions should return the same answer.
You need to increase the accuracy of the chatbot responses.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

| Actions | Answer Area |
| --- | --- |
| Add a new question and answer (QnA) pair. | |
| Retrain the model. | |
| Add additional questions to the document. | |
| Republish the model. | |
| Add alternative phrasing to the question and answer (QnA) pair. | |

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Step 1: Add alternative phrasing to the question and answer (QnA) pair.

Add alternate questions to an existing QnA pair to improve the likelihood of a match to a user query. Step 2: Retrain the model.
Periodically select Save and train after making edits to avoid losing changes. Step 3: Republish the model
Note: A knowledge base consists of question and answer (QnA) pairs. Each pair has one answer and a pair contains all the information associated with that answer.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/edit-knowledge-base

**NEW QUESTION 11**
- (Exam Topic 2)
You are building a language model by using a Language Understanding service. You create a new Language Understanding resource.
You need to add more contributors. What should you use?

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

**Answer:** B

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

**NEW QUESTION 15**
- (Exam Topic 2)
You are building a chatbot for a Microsoft Teams channel by using the Microsoft Bot Framework SDK. The chatbot will use the following code.

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

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

**Answer Area**

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: Yes
The ActivityHandler.OnMembersAddedAsync method overrides this in a derived class to provide logic for when members other than the bot join the conversation, such as your bot's welcome logic.
Box 2: Yes
membersAdded is a list of all the members added to the conversation, as described by the conversation update activity.
Box 3: No Reference:
https://docs.microsoft.com/en-us/dotnet/api/microsoft.bot.builder.activityhandler.onmembersaddedasync?view=

**NEW QUESTION 17**
- (Exam Topic 2)
You are building a bot on a local computer by using the Microsoft Bot Framework. The bot will use an existing Language Understanding model.
You need to translate the Language Understanding model locally by using the Bot Framework CLI. What should you do first?

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

**Answer:** B

**Explanation:**

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

**NEW QUESTION 21**
- (Exam Topic 2)
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:** BD

**Explanation:**
AI systems should treat all people fairly.
AI systems should perform reliably and safely. Reference:
https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/strategy/responsible-ai

**NEW QUESTION 26**
- (Exam Topic 2)
You plan to provision a QnA Maker service in a new resource group named RG1. In RG1, you create an App Service plan named AP1.
Which two Azure resources are automatically created in RG1 when you provision the QnA Maker service? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

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

**Answer:** DE

**Explanation:**
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/set-up-qnamaker-service-azure?tabs

**NEW QUESTION 27**
- (Exam Topic 2)
You deploy a web app that is used as a management portal for indexing in Azure Cognitive Search. The app is configured to use the primary admin key.
During a security review, you discover unauthorized changes to the search index. You suspect that the primary access key is compromised.
You need to prevent unauthorized access to the index management endpoint. The solution must minimize downtime.
What should you do next?

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

**Answer:** A

**Explanation:**
 Regenerate admin keys.
Two admin keys are created for each service so that you can rotate a primary key, using the secondary key for business continuity.
* 1. In the Settings >Keys page, copy the secondary key.
* 2. For all applications, update the API key settings to use the secondary key.
* 3.Regenerate the primary key.
* 4. Update all applications to use the new primary key.
Note: Two admin api-keys, referred to as primary and secondary keys in the portal, are automatically generated when the service is created and can be individually regenerated on demand. Having two keys allows you to roll over one key while using the second key for continued access to the service.
Reference:
https://docs.microsoft.com/en-us/azure/search/search-security-api-keys#regenerate-admin-keys

**NEW QUESTION 32**
- (Exam Topic 2)
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

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

**NEW QUESTION 36**
- (Exam Topic 2)
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.

**Answer Area**

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Box 1: Yes
Box 2: Yes
If several logs are detected, or the logo image and the stylized brand name are detected as two separate logos, it starts numbering them from the bottom-left corner.
Box 3: No Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/concept-brand-detection

**NEW QUESTION 38**
- (Exam Topic 2)
You are building a bot and that will use Language Understanding. You have a LUDown file that contains the following content.

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

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

## Logout
- forget me
- log out

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

## SelectNone
- none

@ ml DirectionalReference
@ prebuilt personName
```

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

SelectItem is **[answer choice]**.

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

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

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Graphical user interface, text, application, email Description automatically generated
Reference:
https://github.com/solliancenet/tech-immersion-data-ai/blob/master/ai-exp1/README.md

**NEW QUESTION 42**
- (Exam Topic 2)
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);
                                                   ▼
    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);

. . .
```

A. Mastered
B. Not Mastered

**Answer:** A

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

**NEW QUESTION 43**
- (Exam Topic 2)
You plan to use containerized versions of the Anomaly Detector API on local devices for testing and in on-premises datacenters.
You need to ensure that the containerized deployments meet the following requirements:

≫ Prevent billing and API information from being stored in the command-line histories of the devices that run the container.

≫ Control access to the container images by using Azure role-based access control (Azure RBAC). Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose four.)
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

**Actions**                                          **Answer Area**

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Step 1: Pull the Anomaly Detector container image.
Step 2: Create a custom Dockerfile
Step 3: Push the image to an Azure container registry.
To push an image to an Azure Container registry, you must first have an image.
Step 4: Distribute the docker run script
Use the docker run command to run the containers. Reference:
https://docs.microsoft.com/en-us/azure/container-registry/container-registry-intro

**NEW QUESTION 44**

- (Exam Topic 2)
You have a Custom Vision resource named acvdev in a development environment. You have a Custom Vision resource named acvprod in a production environment.
In acvdev, you build an object detection model named obj1 in a project named proj1. You need to move obj1 to acvprod.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Text Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/custom-vision-service/copy-move-projects

**NEW QUESTION 48**
- (Exam Topic 2)
You have the following data sources:

➤ Finance: On-premises Microsoft SQL Server database
➤ Sales: Azure Cosmos DB using the Core (SQL) API
➤ Logs: Azure Table storage
➤ HR: Azure SQL database

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

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

**Answer:** B

**Explanation:**
On-premises Microsoft SQL Server database cannot be used as an index data source.
Note: Indexer in Azure Cognitive Search: : Automate aspects of an indexing operation by configuring a data source and an indexer that you can schedule or run on demand. This feature is supported for a limited number of data source types on Azure.
Indexers crawl data stores on Azure.

➤ Azure Blob Storage
➤ Azure Data Lake Storage Gen2 (in preview)
➤ Azure Table Storage
➤ Azure Cosmos DB
➤ Azure SQL Database
➤ SQL Managed Instance
➤ SQL Server on Azure Virtual Machines Reference:
https://docs.microsoft.com/en-us/azure/search/search-indexer-overview#supported-data-sources

**NEW QUESTION 52**
- (Exam Topic 2)
You are developing an internet-based training solution for remote learners.
Your company identifies that during the training, some learners leave their desk for long periods or become distracted.
You need to use a video and audio feed from each learner's computer to detect whether the learner is present and paying attention. The solution must minimize development effort and identify each learner.
Which Azure Cognitive Services service should you use for each requirement? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

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

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

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

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

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

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

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
Graphical user interface, text, application, email Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/what-are-cognitive-services

**NEW QUESTION 56**
- (Exam Topic 2)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You develop an application to identify species of flowers by training a Custom Vision model. You receive images of new flower species.
You need to add the new images to the classifier.
Solution: You add the new images and labels to the existing model. You retrain the model, and then publish the model.
Does this meet the goal?

A. Yes
B. No

**Answer:** A

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

**NEW QUESTION 60**
......

# Thank You for Trying Our Product

## We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

## AI-102 Practice Exam Features:

* AI-102 Questions and Answers Updated Frequently

* AI-102 Practice Questions Verified by Expert Senior Certified Staff

* AI-102 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* AI-102 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

## 100% Actual & Verified — Instant Download, Please Click
Order The AI-102 Practice Test Here