Question #37 *Topic 2*

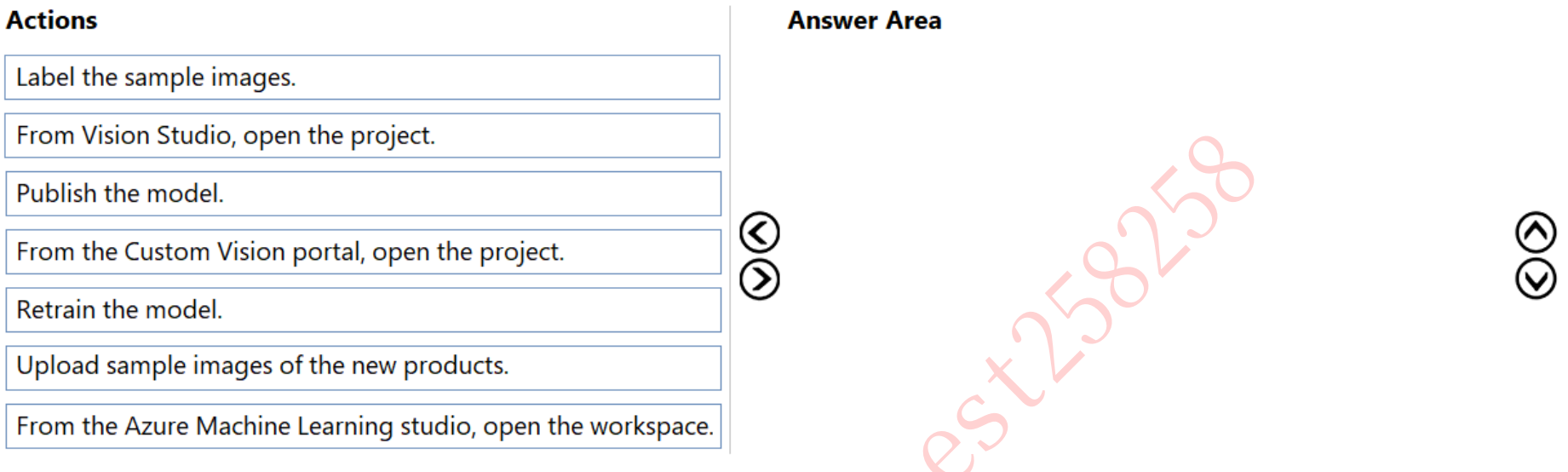
DRAG DROP
-

You have an app that uses Azure AI and a custom trained classifier to identify products in images.

You need to add new products to the classifier. The solution must meet the following requirements:

• Minimize how long it takes to add the products.
• Minimize development effort.

Which five 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.



Correct Answer:

Answer Area

From Vision Studio, open the project.
Upload sample images of the new products.
Label the sample images.
Retrain the model.
Publish the model.

Question #38 *Topic 2*

HOTSPOT

-

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

```
def analyze_image(local_image):
  with open(local_image, "rb") as image_stream:
  image_analysis = client.analyze_image_in_stream(
    image=image_stream,
    visual_features=[
      VisualFeatureTypes.tags,
      VisualFeatureTypes.description
    ]
  )
  for caption in image_analysis.description.captions:
    print(f"\n{caption.text} with confidence {caption.confidence}")
  for tag in image_analysis.tags:
    print(f"\n{tag.name} with confidence {tag.confidence}")
```

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 perform face recognition.	○	○
The code will list tags and their associated confidence.	○	○
The code will read an image file from the local file system.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
The code will perform face recognition.	○	●
The code will list tags and their associated confidence.	●	○
The code will read an image file from the local file system.	●	○

Question #39 *Topic 2*

You are developing a method that uses the Azure AI Vision client library. The method will perform optical character recognition (OCR) in images. The method has the following code.

```
def read_file_url(computervision_client, url_file):
    read_response = computervision_client.read(url_file, raw=True)
    read_operation_location = read_response.headers["Operation-Location"]
    operation_id = read_operation_location.split("/")[-1]
    read_result = computervision_client.get_read_result(operation_id)

    for page in read_result.analyze_result.read_results:
        for line in page.lines:
            print(line.text)
```

During testing, you discover that the call to the get_read_result method occurs before the read operation is complete.

You need to prevent the get_read_result method from proceeding until the read operation is complete.

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

NOTE: Each correct selection is worth one point.

A. Remove the operation_id parameter.

B. Add code to verify the read_results.status value. **Most Voted**

C. Add code to verify the status of the read_operation_location value.

D. Wrap the call to get_read_result within a loop that contains a delay. **Most Voted**

Correct Answer: *BD*

Community vote distribution

BD (100%)

Question #40 *Topic 2*

HOTSPOT
-

You are developing an app that will use the Azure AI Vision API to analyze an image.

You need configure the request that will be used by the app to identify whether an image is clipart or a line drawing.

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

NOTE: Each correct selection is worth one point.

Answer Area

Correct Answer:

Answer Area

HOTSPOT
-

You have an Azure subscription that contains an Azure AI Video Indexer account.

You need to add a custom brand and logo to the indexer and configure an exclusion for the custom brand.

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

NOTE: Each correct selection is worth one point.

```
{
  "referenceUrl": "https://www.contoso.com/Contoso",
  "id": 97974,
  "name": "Contoso",
  "accountId": "ContosoAccountId",
  "lastModifierUserName": "SampleUserName",
  "created": "2023-04-25T14:59:52.7433333",
  "lastModified": "2023-04-25T14:59:52.7433333",
```

"enabled":	["Excluded"]
"state":	["Included"]
"tags":	false
"useBuiltin":	true

Correct Answer:

```
{
  "referenceUrl": "https://www.contoso.com/Contoso",
  "id": 97974,
  "name": "Contoso",
  "accountId": "ContosoAccountId",
  "lastModifierUserName": "SampleUserName",
  "created": "2023-04-25T14:59:52.7433333",
  "lastModified": "2023-04-25T14:59:52.7433333",
```

"enabled":	["Excluded"]
"state":	["Included"]
"tags":	**false**
"useBuiltin":	true

Question #42 *Topic 2*

You have a local folder that contains the files shown in the following table.

Name	Format	Length (mins)	Size (MB)
File1	WMV	34	400
File2	AVI	90	1,200
File3	MOV	300	980
File4	MP4	80	1,800

You need to analyze the files by using Azure AI Video Indexer.

Which files can you upload to the Video Indexer website?

A. File1 and File3 only

B. File1, File2, File3 and File4

C. File1, File2, and File3 only

D. File1 and File2 only

E. File1, File2, and File4 only

Correct Answer: *B*

Topic 3 - Question Set 3

Question #1 *Topic 3*

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

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

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

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

☞ Find contacts in London.

☞ Who do I know in Seattle?

☞ Search for contacts in Ukraine.

You need to implement the phrase list in Language Understanding.

Solution: You create a new pattern in the FindContact intent.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

A (50%) B (50%)

Question #2 *Topic 3*

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

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

B (100%)

Question #3 *Topic 3*

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

A. Yes **Most Voted**

B. No

Correct Answer: *A*

Community vote distribution

A (100%)

Question #4 *Topic 3*

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

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

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

You receive images of new flower species.

You need to add the new images to the classifier.

Solution: You create a new model, and then upload the new images and labels.

Does this meet the goal?

A. Yes

B. No **Most Voted**

Correct Answer: *B*

Community vote distribution

B (100%)

Question #5 *Topic 3*

HOTSPOT -

You are developing a service that records lectures given in English (United Kingdom).

You have a method named AppendToTranscriptFile that takes translated text and a language identifier.

You need to develop code that will provide transcripts of the lectures to attendees in their respective language. The supported languages are English, French,

Spanish, and German.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config =SpeechTranslationConfig.FromSubscription("69cad5cc-0ab3-4704-bdff-afbf4aa07d85", "uksouth");

    var lang = new List<string>
```

- {"en-GB"}
- {"fr", "de", "es"}
- {"French", "Spanish", "German"}
- {languages}

```
    config.SpeechRecognitionLanguage = "en-GB";
    lang.ForEach(config.AddTargetLanguage);

    using var audioConfig = AudioConfig.FromDefaultMicrophoneInput();
    using var recognizer = new
```

- IntentRecognizer
- SpeakerRecognizer
- SpeechSynthesizer
- TranslationRecognizer

```
(config, audioConfig);

    var result = await recognizer.RecognizeOnceAsync();
    if (result.Reason == ResultReason.TranslatedSpeech)
```

Correct Answer:

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config =SpeechTranslationConfig.FromSubscription("69cad5cc-0ab3-4704-bdff-afbf4aa07d85", "uksouth");

    var lang = new List<string>
```

- {"en-GB"}
- {"fr", "de", "es"}
- {"French", "Spanish", "German"}
- {languages}

```
    config.SpeechRecognitionLanguage = "en-GB";
    lang.ForEach(config.AddTargetLanguage);

    using var audioConfig = AudioConfig.FromDefaultMicrophoneInput();
    using var recognizer = new
```

- IntentRecognizer
- SpeakerRecognizer
- SpeechSynthesizer
- TranslationRecognizer

```
(config, audioConfig);

    var result = await recognizer.RecognizeOnceAsync();
    if (result.Reason == ResultReason.TranslatedSpeech)
```

Box 1: {"fr", "de", "es"}

A common task of speech translation is to specify target translation languages, at least one is required but multiples are supported. The following code snippet sets both French and German as translation language targets. static async Task TranslateSpeechAsync()

{

var translationConfig =

SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION);

translationConfig.SpeechRecognitionLanguage = "it-IT";

// Translate to languages. See, https://aka.ms/speech/sttt-languages translationConfig.AddTargetLanguage("fr");

translationConfig.AddTargetLanguage("de");

}

Box 2: TranslationRecognizer -
After you've created a SpeechTranslationConfig, the next step is to initialize a TranslationRecognizer.
Example code:

```
static async Task TranslateSpeechAsync()
{
var translationConfig =
SpeechTranslationConfig.FromSubscription(SPEECH__SUBSCRIPTION__KEY, SPEECH__SERVICE__REGION); var fromLanguage = "en-US"; var
toLanguages = new List<string> { "it", "fr", "de" }; translationConfig.SpeechRecognitionLanguage = fromLanguage;
toLanguages.ForEach(translationConfig.AddTargetLanguage); using var recognizer = new TranslationRecognizer(translationConfig);
}
```