HOTSPOT

-

You make an API request and receive the results shown in the following exhibits.

HTTP request

```
POST https://facetesting.cognitiveservices.azure.com/face/v1.0/detect?returnFaceId=true&returnFaceLandmarks=false&returnFaceAttri
butes=qualityforrecognition&recognitionModel=recognition_04&returnRecognitionModel=false&detectionModel=detection_03&faceIdTimeTo
Live=86400 HTTP/1.1
Host: facetesting.cognitiveservices.azure.com
Content-Type: application/json
Ocp-Apim-Subscription-Key: ••••••••••••••••••••••••••••••••

{
    "url": "https://news.microsoft.com/wp-content/uploads/prod/sites/68/2021/11/EDU19_HigherEdStudentsOnCampus_002-1536x1024.jpg"
}
```

Send

Response status

200 OK

Response content

```
x-envoy-upstream-service-time: 1292
apim-request-id: 8a3aa72f-5bad-45d0-b8a4-584312258f06
Strict-Transport-Security: max-age=31536000; includeSubDomains; preload
x-content-type-options: nosniff
CSP-Billing-Usage: CognitiveServices.Face.Transaction=1
Date: Sat, 04 Dec 2021 11:15:33 GMT
Content-Length: 655
Content-Type: application/json; charset=utf-8

[{
  "faceId": "d14d131c-76ba-43e9-9e3d-dcf6466e5022",
  "faceRectangle": {
    "top": 201,
    "left": 797,
    "width": 121,
    "height": 160
  },
  "faceAttributes": {
    "qualityForRecognition": "high"
  }
}, {
  "faceId": "a3a0f2ff-b015-464c-b87c-0dd09d0698da",
  "faceRectangle": {
    "top": 249,
    "left": 1167,
    "width": 103,
    "height": 159
  },
  "faceAttributes": {
    "qualityForRecognition": "medium"
  }
}, {
  "faceId": "45481ce8-dcc4-4564-a21c-3c15cdc9c4fa",
  "faceRectangle": {
    "top": 191,
    "left": 497,
    "width": 85,
    "height": 178
  },
  "faceAttributes": {
    "qualityForRecognition": "low"
  }
}, {
  "faceId": "eac17649-effd-42c9-9093-4dd60fd4cfc7",
  "faceRectangle": {
    "top": 754,
    "left": 118,
    "width": 30,
    "height": 44
  },
  "faceAttributes": {
    "qualityForRecognition": "low"
  }
}]
```

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 API **[answer choice]** faces.

detects
finds similar
recognizes
verifies

A face that can be used in person enrollment is at position **[answer choice]** within the photo.

118, 754
497, 191
797, 201
1167, 249

You have an Azure subscription that contains an AI enrichment pipeline in Azure Cognitive Search and an Azure Storage account that has 10 GB of scanned documents and images.

You need to index the documents and images in the storage account. The solution must minimize how long it takes to build the index.

What should you do?

A. From the Azure portal, configure parallel indexing. **Most Voted**

B. From the Azure portal, configure scheduled indexing.

C. Configure field mappings by using the REST API.

D. Create a text-based indexer by using the REST API.

Correct Answer: *A*

Community vote distribution

A (100%)

DRAG DROP

-

You need to analyze video content to identify any mentions of specific company names.

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.

Correct Answer:

Answer Area

Sign in to the Azure Video Analyzer for Media website.

From Content model customization, select **Brands**.

Add the specific company names to the include list.

Question #27

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 **Most Voted**

B. form URL encoded

C. JSON

Correct Answer: *A*

Community vote distribution

A (100%)

Question #28

You plan to build an app that will generate a list of tags for uploaded images. The app must meet the following requirements:

• Generate tags in a user's preferred language.
• Support English, French, and Spanish.
• Minimize development effort.

You need to build a function that will generate the tags for the app.

Which Azure service endpoint should you use?

A. Content Moderator Image Moderation

B. Custom Vision image classification

C. Computer Vision Image Analysis **Most Voted**

D. Custom Translator

Correct Answer: *C*

Community vote distribution

C (100%)

HOTSPOT

-

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 display the name of each detected brand with a confidence equal to or higher than 75 percent.	○	○
The code will display coordinates for the top-left corner of the rectangle that contains the brand logo of the displayed brands.	○	○
The code will display coordinates for the bottom-right corner of the rectangle that contains the brand logo of the displayed brands.	○	○

Correct Answer:

Answer Area

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

DRAG DROP
-

You have a factory that produces cardboard packaging for food products. The factory has intermittent internet connectivity.

The packages are required to include four samples of each product.

You need to build a Custom Vision model that will identify defects in packaging and provide the location of the defects to an operator. The model must ensure that each package contains the four products.

Which project type and domain should you use? To answer, drag the appropriate options to the correct targets. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Options

- Food
- General
- General (compact)
- Image classification
- Logo
- Object detection

Answer Area

Project type: [ ]

Domain: [ ]

Correct Answer:

Answer Area

Project type: Object detection

Domain: General (compact)
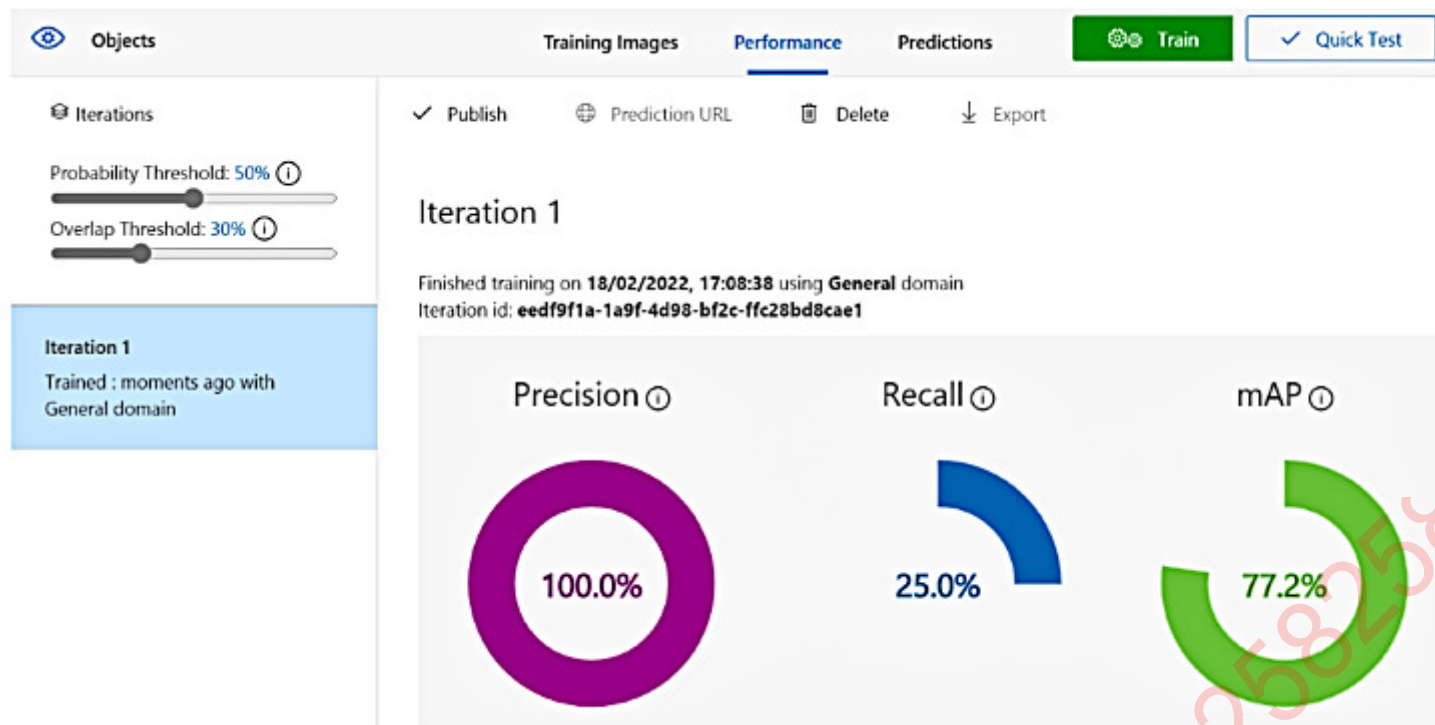
HOTSPOT

-

You are building a model to detect objects in images.

The performance of the model based on training data is shown in the following exhibit.

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 percentage of false positives is [answer choice].

| 0 |
| 25 |
| 30 |
| 50 |
| 100 |

The value for the number of true positives divided by the total number of true positives and false negatives is [answer choice]%.

| 0 |
| 25 |
| 30 |
| 50 |
| 100 |

Correct Answer:

Answer Area

The percentage of false positives is [answer choice].

| 0 |
| 25 |
| 30 |
| 50 |
| 100 |

The value for the number of true positives divided by the total number of true positives and false negatives is [answer choice]%.

| 0 |
| 25 |
| 30 |
| 50 |
| 100 |

Question #32

Topic 2

You are building an app that will include one million scanned magazine articles. Each article will be stored as an image file.

You need to configure the app to extract text from the images. The solution must minimize development effort.

What should you include in the solution?

A. Computer Vision Image Analysis

B. the Read API in Computer Vision **Most Voted**

C. Form Recognizer

D. Azure Cognitive Service for Language

Correct Answer: *B*

Community vote distribution

B (88%) | 13%

Question #33

Topic 2

You have a 20-GB video file named File1.avi that is stored on a local drive.

You need to index File1.avi by using the Azure Video Indexer website.

What should you do first?

A. Upload File1.avi to an Azure Storage queue.

B. Upload File1.avi to the Azure Video Indexer website.

C. Upload File1.avi to Microsoft OneDrive. **Most Voted**

D. Upload File1.avi to the www.youtube.com webpage.

Correct Answer: *C*

Community vote distribution

C (81%) | B (19%)

HOTSPOT

-

You are building an app that will share user images.

You need to configure the app to meet the following requirements:

• Uploaded images must be scanned and any text must be extracted from the images.
• Extracted text must be analyzed for the presence of profane language.
• The solution must minimize development effort.

What should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Text extraction:

- Azure AI Language
- Azure AI Computer Vision
- Content Moderator
- Azure AI Custom Vision
- Azure AI Document Intelligence

Profane language detection:

- Azure AI Language
- Azure AI Computer Vision
- Content Moderator
- Azure AI Custom Vision
- Azure AI Document Intelligence

Answer Area

Correct Answer:

Text extraction:

- Azure AI Language
- **Azure AI Computer Vision**
- Content Moderator
- Azure AI Custom Vision
- Azure AI Document Intelligence

Profane language detection:

- Azure AI Language
- Azure AI Computer Vision
- **Content Moderator**
- Azure AI Custom Vision
- Azure AI Document Intelligence

You are building an app that will share user images.

You need to configure the app to perform the following actions when a user uploads an image:

• Categorize the image as either a photograph or a drawing.
• Generate a caption for the image.

The solution must minimize development effort.

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

NOTE: Each correct selection is worth one point.

A. object detection in Azure AI Computer Vision

B. content tags in Azure AI Computer Vision

C. image descriptions in Azure AI Computer Vision **Most Voted**

D. image type detection in Azure AI Computer Vision **Most Voted**

E. image classification in Azure AI Custom Vision

Correct Answer: *CD*

Community vote distribution

CD (86%)   14%

You are building an app that will use the Azure AI Video Indexer service.

You plan to train a language model to recognize industry-specific terms.

You need to upload a file that contains the industry-specific terms.

Which file format should you use?

A. XML

B. TXT **Most Voted**

C. XLS

D. PDF

Correct Answer: *B*

Community vote distribution

B (100%)