Microsoft

Exam Questions AI-900

Microsoft Azure AI Fundamentals (beta)

NEW QUESTION 1
- (Topic 5)
You use drones to identify where weeds grow between rows of crops to send an Instruction for the removal of the weeds. This is an example of which type of computer vision?

A. scene segmentation
B. optical character recognition (OCR)
C. object detection

Answer: C

Explanation:
Object detection is similar to tagging, but the API returns the bounding box coordinates for each tag applied. For example, if an image contains a dog, cat and person, the Detect operation will list those objects together with their coordinates in the image.
Reference:
https://docs.microsoft.com/en-us/ai-builder/object-detection-overview https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr https://docs.microsoft.com/en-us/azure/azure-video-analyzer/video-analyzer-for-media- docs/video-indexer-overview

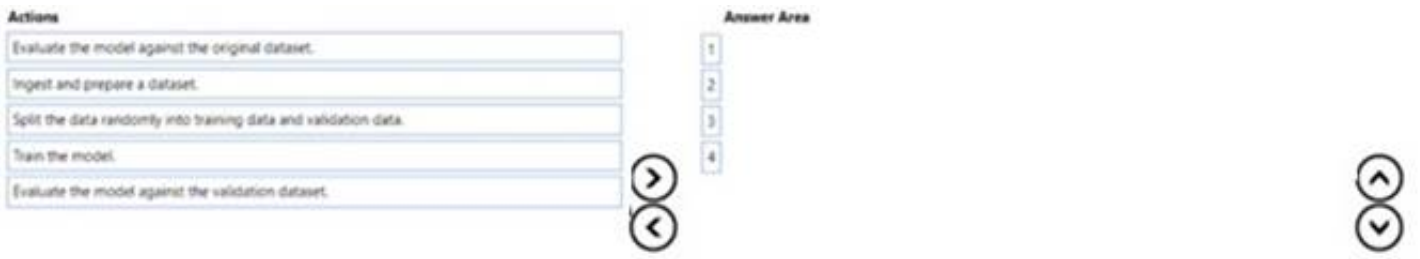
NEW QUESTION 2
- (Topic 5)
You have a frequently asked questions (FAQ) PDF file.
You need to create a conversational support system based on the FAQ.
Which service should you use?

A. QnA Maker
B. Text Analytics
C. Computer Vision
D. Language Understanding (LUIS)

Answer: A

Explanation:
QnA Maker is a cloud-based API service that lets you create a conversational question- and-answer layer over your existing data. Use it to build a knowledge base by extracting questions and answers from your semi-structured content, including FAQs, manuals, and documents.
Reference:
https://azure.microsoft.com/en-us/services/cognitive-services/qna-maker/

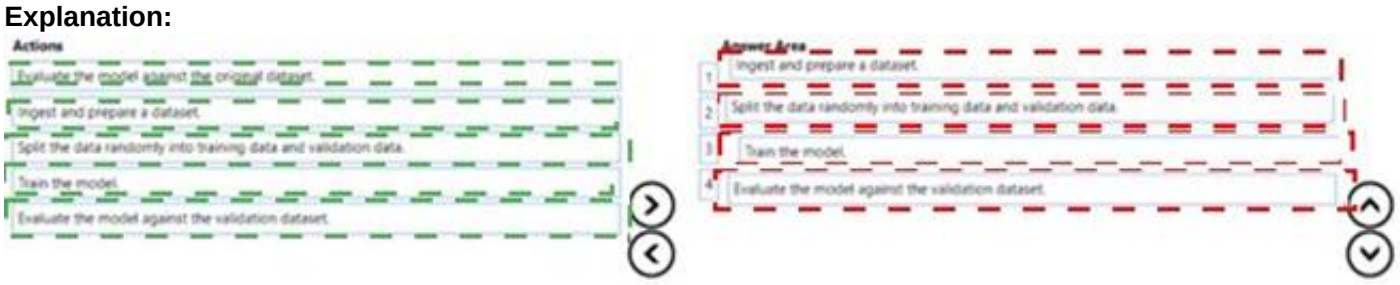
NEW QUESTION 3
DRAG DROP - (Topic 5)
You plan to deploy an Azure Machine Learning model by using the Machine Learning designer
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 4
- (Topic 5)
You need to reduce the load on telephone operators by implementing a chatbot to answer simple questions with predefined answers.
Which two AI service should you use to achieve the goal? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Text Analytics
B. QnA Maker
C. Azure Bot Service
D. Translator Text

Answer: BC

Explanation:
Bots are a popular way to provide support through multiple communication channels. You can use the QnA Maker service and Azure Bot Service to create a bot that answers user questions. Reference: https://docs.microsoft.com/en-us/learn/modules/build-faq-chatbot-qna-maker-azure-bot- service/

NEW QUESTION 5
HOTSPOT - (Topic 5)
Select the .

A. Mastered
B. Not Mastered

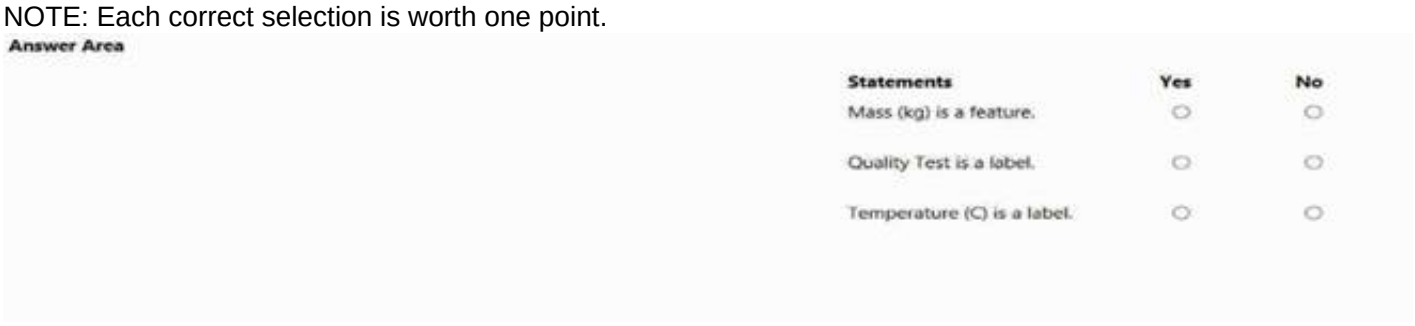
Answer: A

Explanation:

NEW QUESTION 6
HOTSPOT - (Topic 5)
You have an Azure Machine Learning model that predicts product quality. The model has a training dataset that contains 50,000 records. A sample of the data is shown in the following table.

Date	Time	Mass (kg)	Temperature (C)	Quality Test
26/02/2021	15:31:07	2.108	62.5	Pass
26/02/2021	15:31:39	2.099	62.4	Pass
26/02/2021	02:32:21	2.098	66.4	Fail

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

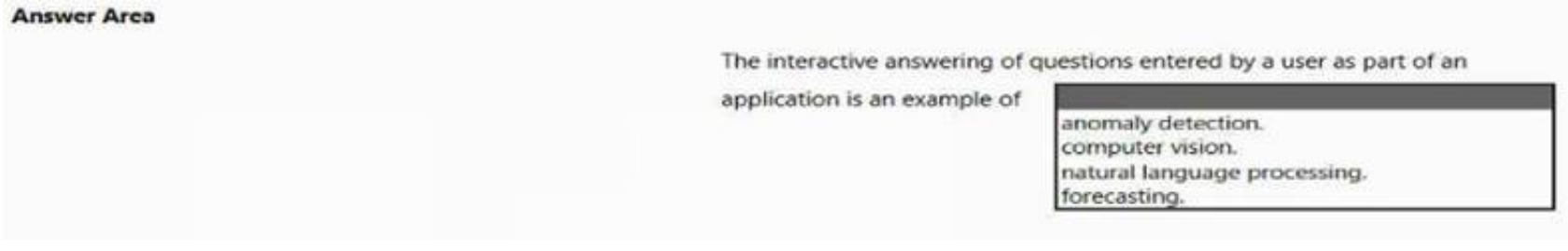


A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 7
HOTSPOT - (Topic 5)
Select the answer that correctly completes the sentence.



A. Mastered

B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 8
HOTSPOT - (Topic 5)
Select the answer that correctly completes the sentence.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 9
- (Topic 5)
You need to develop a web-based AI solution for a customer support system. Users must be able to interact with a web app that will guide them to the best resource or answer.
Which service should you use?

A. Custom Vision
B. QnA Maker
C. Translator Text
D. Face

Answer: B

Explanation:
QnA Maker is a cloud-based API service that lets you create a conversational question- and-answer layer over your existing data. Use it to build a knowledge base by extracting questions and answers from your semistructured content, including FAQs, manuals, and documents. Answer users' questions with the best answers from the QnAs in your knowledge base—automatically. Your knowledge base gets smarter, too, as it continually learns from user behavior.
Reference:
https://azure.microsoft.com/en-us/services/cognitive-services/qna-maker/

NEW QUESTION 10
- (Topic 5)
For which two workloads can you use computer vision? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. creating photorealistic images by using three-dimensional models
B. assigning the color pixels in an image to object names
C. describing the contents of an image
D. detecting inconsistencies and anomalies in a stream of data
E. creating visual representations of numerical data

Answer: BC

NEW QUESTION 10
- (Topic 5)
Which scenario is an example of a webchat bot?

A. Determine whether reviews entered on a website for a concert are positive or negative, and then add athumbs up or thumbs down emoji to the reviews.
B. Translate into English questions entered by customers at a kiosk so that the appropriate person can call the customers back.
C. Accept questions through email, and then route the email messages to the correct person based on the content of the message.
D. From a website interface, answer common questions about scheduled events and ticket purchases for a music festival.

Answer: D

NEW QUESTION 12
HOTSPOT - (Topic 5)
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
Chatbots can support voice input.	○	○
A separate chatbot is required for each communication channel.	○	○
Chatbots manage conversation flows by using a combination of natural language and constrained option responses.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Chatbots can support voice input.	○	○
A separate chatbot is required for each communication channel.	○	○
Chatbots manage conversation flows by using a combination of natural language and constrained option responses.	○	○

NEW QUESTION 17
HOTSPOT - (Topic 5)
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 following service call will accept English text as an input and output Italian and French text. `/translate?from=it&to=fr&to=en`	○	○
The following service call will accept English text as an input and output Italian and French text. `/translate?from=en&to=fr&to=it`	○	○
The Translator service can be used to translate documents from English to French.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Statements	Yes	No
The following service call will accept English text as an input and output Italian and French text. `/translate?from=it&to=fr&to=en`	○	○
The following service call will accept English text as an input and output Italian and French text. `/translate?from=en&to=fr&to=it`	○	○
The Translator service can be used to translate documents from English to French.	○	○

NEW QUESTION 22
DRAG DROP - (Topic 5)
Match the Azure Cognitive Services to the appropriate AI workloads.
To answer, drag the appropriate service from the column on the left to its workload on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 23
HOTSPOT - (Topic 5)
Select the answer that correctly completes the sentence.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 24
- (Topic 5)
Which machine learning technique can be used for anomaly detection?

A. A machine learning technique that understands written and spoken language.
B. A machine learning technique that classifies objects based on user supplied images.
C. A machine learning technique that analyzes data over time and identifies unusual changes.
D. A machine learning technique that classifies images based on their contents.

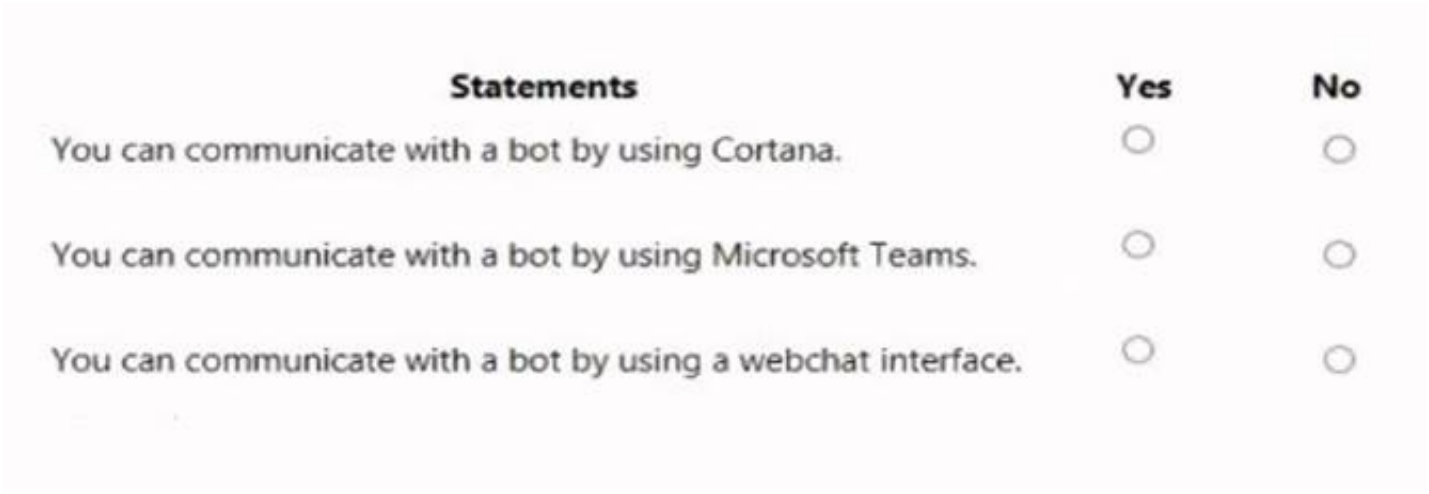
Answer: C

NEW QUESTION 26
- (Topic 5)
You need to implement a pre-built solution that will identify well-known brands in digital photographs. Which Azure Al sen/tee should you use?

A. Face
B. Custom Vision
C. Computer Vision
D. Form Recognizer

Answer: C

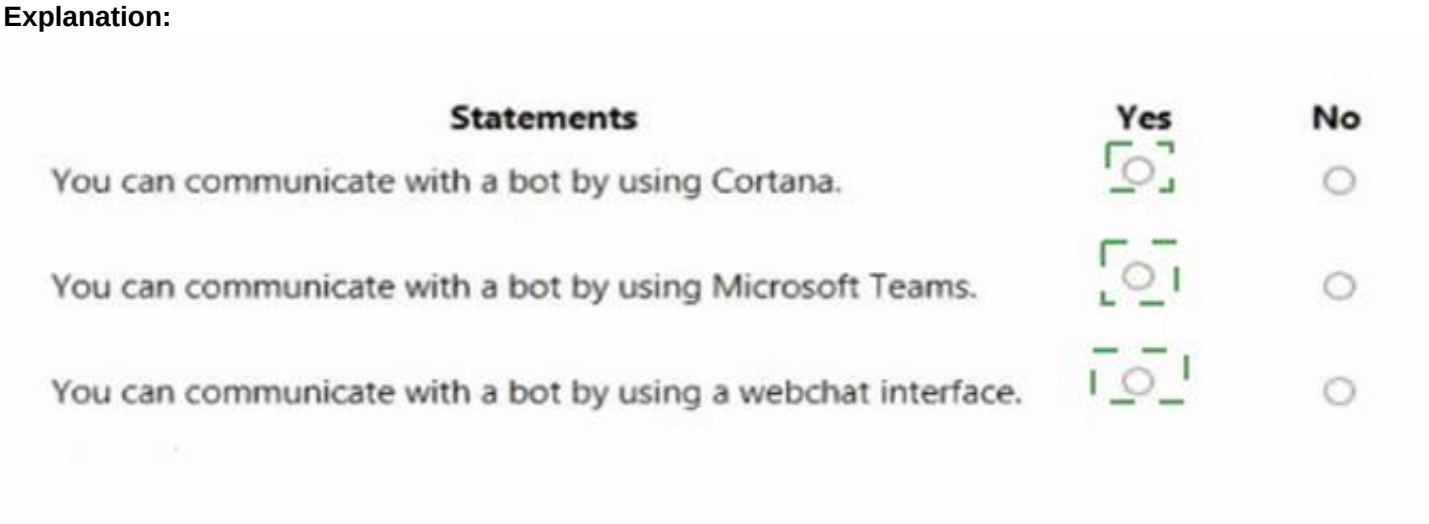
NEW QUESTION 28
HOTSPOT - (Topic 5)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.



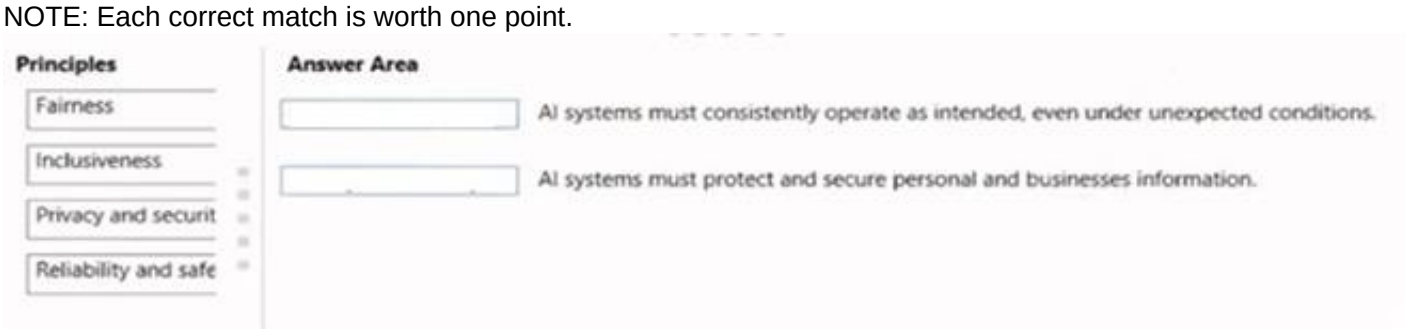
A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 31
DRAG DROP - (Topic 5)
Match the principles of responsible AI to the appropriate descriptions.
To answer, drag the appropriate principle from the column on the left to its description on the right. Each principle may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 32
HOTSPOT - (Topic 5)
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
You can use the Translator service to translate text between languages.	○	○
You can use the Translator service to detect the language of a given text.	○	○
You can use the Translator service to transcribe audible speech into text.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can use the Translator service to translate text between languages.	○	○
You can use the Translator service to detect the language of a given text.	○	○
You can use the Translator service to transcribe audible speech into text.	○	○

NEW QUESTION 34
HOTSPOT - (Topic 5)
Select the answer that correctly completes the sentence.

Azure Machine Learning designer lets you create machine learning models by [adding and connecting modules on a visual canvas.]

- adding and connecting modules on a visual canvas.
- automatically performing common data preparation tasks.
- automatically selecting an algorithm to build the most accurate model.
- using a code-first notebook experience.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Azure Machine Learning designer lets you create machine learning models by [adding and connecting modules on a visual canvas.]

- adding and connecting modules on a visual canvas.
- automatically performing common data preparation tasks.
- automatically selecting an algorithm to build the most accurate model.
- using a code-first notebook experience.

NEW QUESTION 36
- (Topic 5)
Which statement is an example of a Microsoft responsible AJ principle?

A. Al systems must use only publicly available data.
B. Al systems must protect the interests of the company
C. Al systems must be understandable.
D. Al systems must keep personal details public

Answer: C

NEW QUESTION 37
- (Topic 5)

You are building a knowledge base by using QnA Maker. Which file format can you use to populate the knowledge base?

A. PDF
B. PPTX
C. XML
D. ZIP

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/concepts/data- sources-and-content

NEW QUESTION 41
HOTSPOT - (Topic 5)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

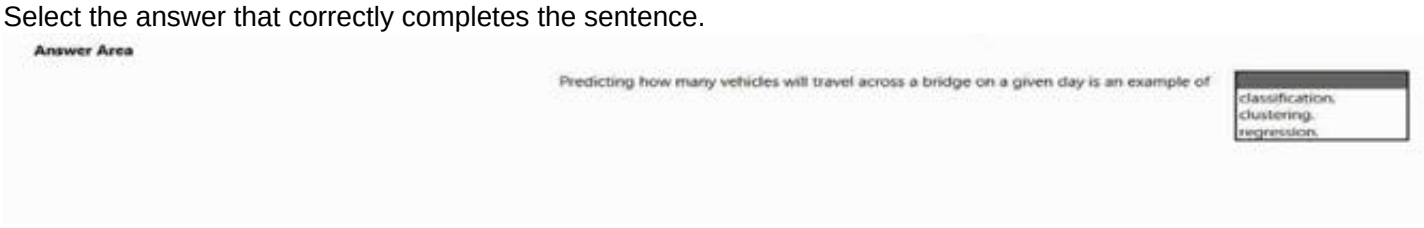
Statements	Yes	No
Azure Bot Service and Azure Cognitive Services can be integrated.	○	○
Azure Bot Service engages with customers in a conversational manner.	○	○
Azure Bot Service can import frequently asked questions (FAQ) to question and answer sets.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Azure bot service can be integrated with the powerful AI capabilities with Azure Cognitive Services.
Box 2: Yes
Azure bot service engages with customers in a conversational manner.
Box 3: No
The QnA Maker service creates knowledge base, not question and answers sets.
Note: You can use the QnA Maker service and a knowledge base to add question-and- answer support to your bot. When you create your knowledge base, you seed it with questions and answers.

NEW QUESTION 44
HOTSPOT - (Topic 5)
Select the answer that correctly completes the sentence.



A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 48
- (Topic 5)
You have a webchat bot that provides responses from a QnA Maker knowledge base.
You need to ensure that the bot uses user feedback to improve the relevance of the responses over time.
What should you use?

A. key phrase extraction

B. sentiment analysis
C. business logic
D. active learning

Answer: D

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

NEW QUESTION 53
- (Topic 4)
In which scenario should you use key phrase extraction?

A. translating a set of documents from English to German
B. generating captions for a video based on the audio track
C. identifying whether reviews of a restaurant are positive or negative
D. identifying which documents provide information about the same topics

Answer: D

NEW QUESTION 55
- (Topic 4)
In which two scenarios can you use speech recognition? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. an in-car system that reads text messages aloud
B. providing closed captions for recorded or live videos
C. creating an automated public address system for a train station
D. creating a transcript of a telephone call or meeting

Answer: BD

Explanation:
Reference:
https://azure.microsoft.com/en-gb/services/cognitive-services/speech-to-text/#features

NEW QUESTION 58
- (Topic 4)
You are authoring a Language Understanding (LUIS) application to support a music festival.
You want users to be able to ask questions about scheduled shows, such as: “Which act is playing on the main stage?”
The question “Which act is playing on the main stage?” is an example of which type of element?

A. an intent
B. an utterance
C. a domain
D. an entity

Answer: B

Explanation:
Utterances are input from the user that your app needs to interpret. Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/LUIS/luis-concept-utterance

NEW QUESTION 62
HOTSPOT - (Topic 4)
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 Text Analytics service can identify in which language text is written.	○	○
The Text Analytics service can detect handwritten signatures in a document.	○	○
The Text Analytics service can identify companies and organizations mentioned in a document.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
The Text Analytics API is a cloud-based service that provides advanced natural language processing over raw text, and includes four main functions: sentiment analysis, key phrase extraction, named entity recognition, and language detection.
Box 1: Yes
You can detect which language the input text is written in and report a single language code for every document submitted on the request in a wide range of languages, variants, dialects, and some regional/cultural languages. The language code is paired with a score indicating the strength of the score.
Box 2: No
Box 3: Yes
Named Entity Recognition: Identify and categorize entities in your text as people, places, organizations, date/time, quantities, percentages, currencies, and more. Well-known entities are also recognized and linked to more information on the web.

NEW QUESTION 63
- (Topic 4)
You need to develop a chatbot for a website. The chatbot must answer users' questions based on the information in the following documents:
? A product troubleshooting guide in a Microsoft Word document
? A frequently asked questions (FAQ) list on a webpage
Which service should you use to process the documents?

A. Azure Bot Service
B. Language Understanding
C. Text Analytics
D. QnA Maker

Answer: D

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/QnAMaker/Overview/overview

NEW QUESTION 68
HOTSPOT - (Topic 4)
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
Monitoring online service reviews for profanities is an example of natural language processing.	○	○
Identifying brand logos in an image is an example of natural languages processing.	○	○
Monitoring public news sites for negative mentions of a product is an example of natural language processing.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Content Moderator is part of Microsoft Cognitive Services allowing businesses to use machine assisted moderation of text, images, and videos that augment human review.
The text moderation capability now includes a new machine-learning based text classification feature which uses a trained model to identify possible abusive, derogatory or discriminatory language such as slang, abbreviated words, offensive, and intentionally misspelled words for review.
Box 2: No
Azure's Computer Vision service gives you access to advanced algorithms that process images and return information based on the visual features you're interested in. For example, Computer Vision can determine whether an image contains adult content, find specific brands or objects, or find human faces.
Box 3: Yes
Natural language processing (NLP) is used for tasks such as sentiment analysis, topic detection, language detection, key phrase extraction, and document categorization.
Sentiment Analysis is the process of determining whether a piece of writing is positive, negative or neutral.

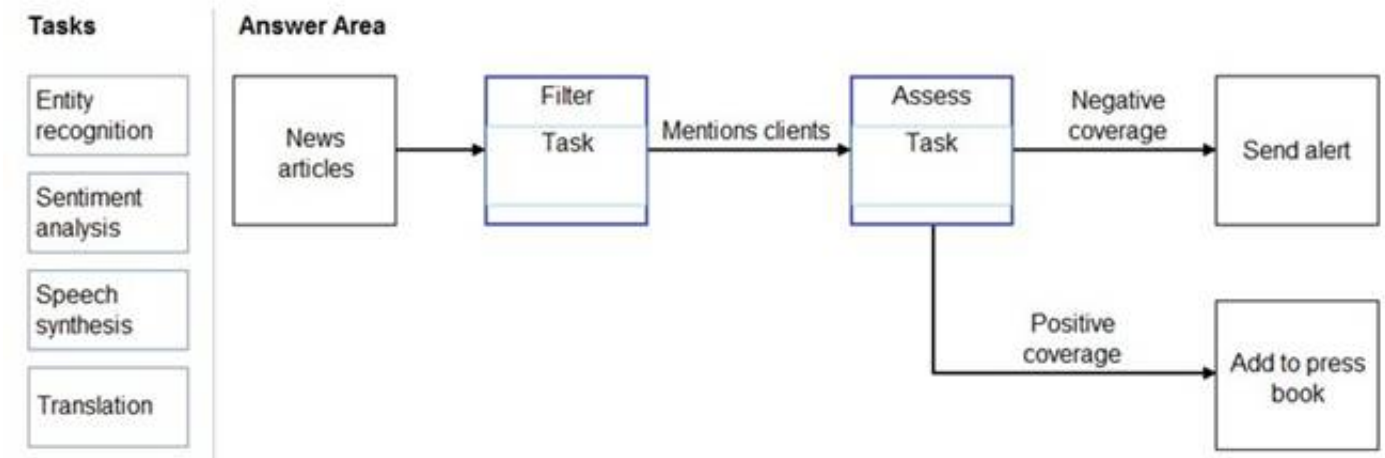
NEW QUESTION 69
- (Topic 4)
You need to build an app that will read recipe instructions aloud to support users who have reduced vision.
Which version service should you use?

A. Text Analytics
B. Translator Text
C. Speech
D. Language Understanding (LUIS)

Answer: C

Explanation:
Reference:
https://azure.microsoft.com/en-us/services/cognitive-services/text-to-speech/#features

NEW QUESTION 73
DRAG DROP - (Topic 4)
You need to scan the news for articles about your customers and alert employees when there is a negative article. Positive articles must be added to a press book. Which natural language processing tasks should you use to complete the process? To answer, drag the appropriate tasks to the correct locations. Each task may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Entity recognition
the Named Entity Recognition module in Machine Learning Studio (classic), to identify the names of things, such as people, companies, or locations in a column of text.
Named entity recognition is an important area of research in machine learning and natural language processing (NLP), because it can be used to answer many real-world questions, such as:
? Which companies were mentioned in a news article?
? Does a tweet contain the name of a person? Does the tweet also provide his current location?
? Were specified products mentioned in complaints or reviews?
Box 2: Sentiment Analysis
The Text Analytics API's Sentiment Analysis feature provides two ways for detecting positive and negative sentiment. If you send a Sentiment Analysis request, the API will return sentiment labels (such as "negative", "neutral" and "positive") and confidence scores at the sentence and document-level.

NEW QUESTION 78
- (Topic 3)
You need to build an image tagging solution for social media that tags images of your friends automatically. Which Azure Cognitive Services service should you use?

A. Computer Vision
B. Face
C. Text Analytics
D. Form Recognizer

Answer: B

NEW QUESTION 81
HOTSPOT - (Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
When creating an object detection model in the Custom Vision service, you must choose a classification type of either **Multilabel** or **Multiclass**.	○	○
You can create an object detection model in the Custom Vision service to find the location of content within an image.	○	○
When creating an object detection model in the Custom Vision service, you can select from a set of predefined domains.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
When creating an object detection model in the Custom Vision service, you must choose a classification type of either **Multilabel** or **Multiclass**.	○	○
You can create an object detection model in the Custom Vision service to find the location of content within an image.	○	○
When creating an object detection model in the Custom Vision service, you can select from a set of predefined domains.	○	○

NEW QUESTION 86
- (Topic 3)
What are two tasks that can be performed by using the Computer Vision service? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Train a custom image classification model.
B. Detect faces in an image.
C. Recognize handwritten text.
D. Translate the text in an image between languages.

Answer: BC

Explanation:
B: Azure's Computer Vision service provides developers with access to advanced algorithms that process images and return information based on the visual features you're interested in. For example, Computer Vision can determine whether an image contains adult content, find specific brands or objects, or find human faces.
C: Computer Vision includes Optical Character Recognition (OCR) capabilities. You can use the new Read API to extract printed and handwritten text from images and documents.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/home
Detect faces in an image - Face API
Microsoft Azure provides multiple cognitive services that you can use to detect and analyze faces, including:
Computer Vision, which offers face detection and some basic face analysis, such as determining age.
Video Indexer, which you can use to detect and identify faces in a video.
Face, which offers pre-built algorithms that can detect, recognize, and analyze faces. Recognize hand written text - Read API
The Read API is a better option for scanned documents that have a lot of text. The Read API also has the ability to automatically determine the proper recognition model

NEW QUESTION 91
- (Topic 3)
You are processing photos of runners in a race.
You need to read the numbers on the runners’ shirts to identity the runners in the photos. Which type of computer vision should you use?

A. facial recognition
B. optical character recognition (OCR)

C. semantic segmentation
D. object detection

Answer: B

Explanation:
Optical character recognition (OCR) allows you to extract printed or handwritten text from images and documents.
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr

NEW QUESTION 94
- (Topic 2)
You need to create a training dataset and validation dataset from an existing dataset. Which module in the Azure Machine Learning designer should you use?

A. Select Columns in Dataset
B. Add Rows
C. Split Data
D. Join Data

Answer: C

Explanation:
A common way of evaluating a model is to divide the data into a training and test set by
using Split Data, and then validate the model on the training data. Use the Split Data module to divide a dataset into two distinct sets. The studio currently supports training/validation data splits
Reference:
https://docs.microsoft.com/en-us/azure/machine-learning/how-to-configure-cross- validation-data-splits2

NEW QUESTION 97
- (Topic 3)
What are two tasks that can be performed by using computer vision? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. Predict stock prices.
B. Detect brands in an image.
C. Detect the color scheme in an image
D. Translate text between languages.
E. Extract key phrases.

Answer: BC

NEW QUESTION 98
HOTSPOT - (Topic 2)
To complete the sentence, select the appropriate option in the answer area.

Answer Area

Azure Machine Learning designer lets you create machine learning models by

adding and connecting modules on a visual canvas.
automatically performing common data preparation tasks.
automatically selecting an algorithm to build the most accurate model.
using a code-first notebook experience.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure Machine Learning designer lets you create machine learning models by

- adding and connecting modules on a visual canvas.
- automatically performing common data preparation tasks.
- automatically selecting an algorithm to build the most accurate model.
- using a code-first notebook experience.

NEW QUESTION 102
HOTSPOT - (Topic 2)
You have the following dataset.

Household Income	Postal Code	House Price Category
20,000	55555	Low
23,000	20541	Middle
80,000	87960	High

You plan to use the dataset to train a model that will predict the house price categories of houses.
What are Household Income and House Price Category? To answer, select the appropriate option in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Household Income:
- A feature
- A label

House Price Category:
- A feature
- A label

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: A feature Box 2: A label

NEW QUESTION 106
- (Topic 2)
Which service should you use to extract text, key/value pairs, and table data automatically from scanned documents?

A. Form Recognizer
B. Text Analytics
C. Ink Recognizer
D. Custom Vision

Answer: A

Explanation:
Accelerate your business processes by automating information extraction. Form Recognizer applies advanced machine learning to accurately extract text, key/value pairs, and tables from documents. With just a few samples, Form Recognizer tailors its understanding to your documents, both on-premises and in the cloud. Turn forms into usable data at a fraction of the time and cost, so you can focus more time acting on the information rather than compiling it.
Reference:
https://azure.microsoft.com/en-us/services/cognitive-services/form-recognizer/

NEW QUESTION 109
HOTSPOT - (Topic 2)
HOTSPOT
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
Organizing documents into groups based on similarities of the text contained in the documents is an example of clustering.	○	○
Grouping similar patients based on symptoms and diagnostic test results is an example of clustering.	○	○
Predicting whether a person will develop mild, moderate, or severe allergy symptoms based on pollen count is an example of clustering.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Clustering is a machine learning task that is used to group instances of data into clusters that contain similar characteristics. Clustering can also be used to identify relationships in a dataset
Regression is a machine learning task that is used to predict the value of the label from a set of related features.

NEW QUESTION 114
HOTSPOT - (Topic 2)
To complete the sentence, select the appropriate option in the answer area.

Ensuring an AI system does not provide a prediction when important fields contain unusual or missing values is [▼] principle for responsible AI.

- an inclusiveness
- a privacy and security
- a reliability and safety
- a transparency

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Ensuring an AI system does not provide a prediction when important fields contain unusual or missing values is [▼] principle for responsible AI.

- an inclusiveness
- a privacy and security
- a reliability and safety
- a transparency

NEW QUESTION 116
HOTSPOT - (Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Machine Learning designer provides a drag-and-drop visual canvas to build, test, and deploy machine learning models.	○	○
Azure Machine Learning designer enables you to save your progress as a pipeline draft.	○	○
Azure Machine Learning designer enables you to include custom JavaScript functions.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
Azure Machine Learning designer lets you visually connect datasets and modules on an interactive canvas to create machine learning models.
Box 2: Yes
With the designer you can connect the modules to create a pipeline draft.
As you edit a pipeline in the designer, your progress is saved as a pipeline draft. Box 3: No

NEW QUESTION 119
- (Topic 2)
Which type of machine learning should you use to identify groups of people who have similar purchasing habits?

A. classification
B. regression
C. clustering

Answer: C

Explanation:
Clustering is a machine learning task that is used to group instances of data into clusters that contain similar characteristics. Clustering can also be used to identify relationships in a dataset
Reference:
https://docs.microsoft.com/en-us/dotnet/machine-learning/resources/tasks

NEW QUESTION 123
HOTSPOT - (Topic 1)
To complete the sentence, select the appropriate option in the answer area.

Answer Area

Returning a bounding box that indicates the location of a vehicle in an image is an example of [ ]
- image classification.
- object detection.
- optical character recognizer (OCR).
- semantic segmentation.

A. Mastered
B. Not Mastered

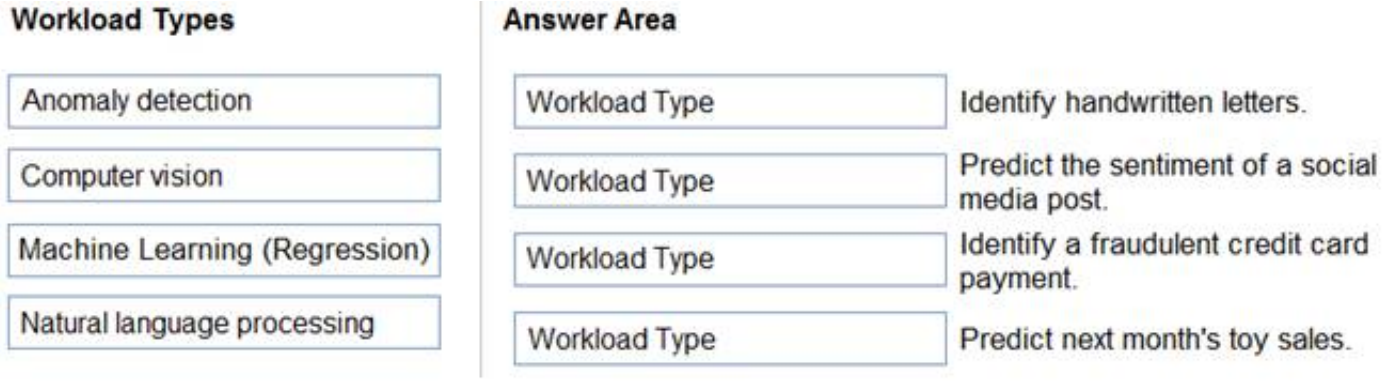
Answer: A

Explanation:

Answer Area

Returning a bounding box that indicates the location of a vehicle in an image is an example of [ ]
- image classification.
- object detection.
- optical character recognizer (OCR).
- semantic segmentation.

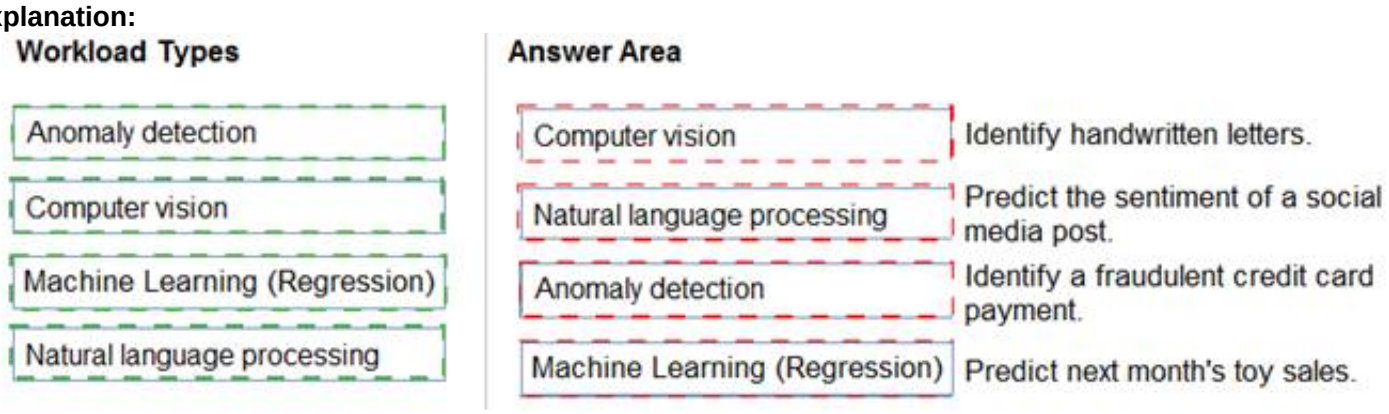
NEW QUESTION 126
DRAG DROP - (Topic 1)
Match the types of AI workloads to the appropriate scenarios.
To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.
NOTE: Each correct selection is worth one point.



A. Mastered
B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 129
- (Topic 1)
You build a machine learning model by using the automated machine learning user interface (UI).
You need to ensure that the model meets the Microsoft transparency principle for responsible AI.
What should you do?

A. Set Validation type to Auto.
B. Enable Explain best model.
C. Set Primary metric to accuracy.
D. Set Max concurrent iterations to 0.

Answer: B

Explanation:
Model Explain Ability.
Most businesses run on trust and being able to open the ML “black box” helps build transparency and trust. In heavily regulated industries like healthcare and banking, it is critical to comply with regulations and best practices. One key aspect of this is understanding the relationship between input variables (features) and model output. Knowing both the magnitude and direction of the impact each feature (feature importance) has on the predicted value helps better understand and explain the model. With model explain ability, we enable you to understand feature importance as part of automated ML runs.
Reference:
https://azure.microsoft.com/en-us/blog/new-automated-machine-learning-capabilities-in-azure-machine-learning-service/

NEW QUESTION 132
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