



AI-900^{Q&As}

Microsoft Azure AI Fundamentals

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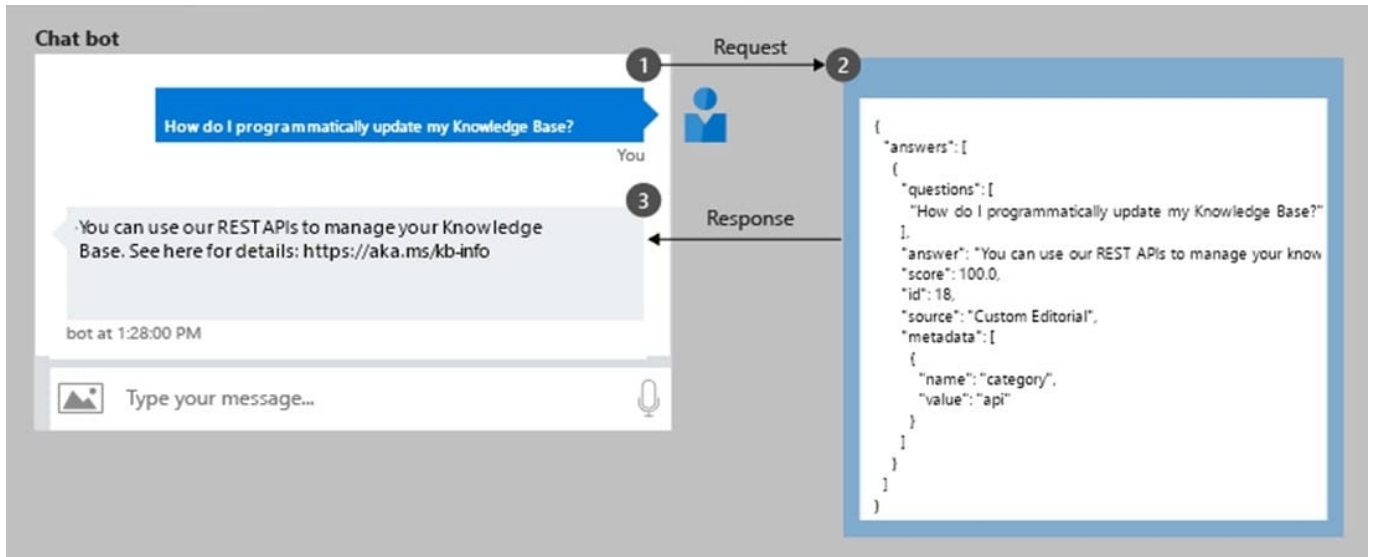
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QUESTION 1

You have the process shown in the following exhibit.



Which type AI solution is shown in the diagram?

- A. a sentiment analysis solution
- B. a chatbot
- C. a machine learning model
- D. a computer vision application

Correct Answer: B

QUESTION 2

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:



Answer Area

Predicting how many hours of overtime a delivery person will work based on the number of order received is an example of

	▼
classification.	
clustering.	
regression.	

Correct Answer:

Answer Area

Predicting how many hours of overtime a delivery person will work based on the number of order received is an example of

	▼
classification.	
clustering.	
regression.	

In the most basic sense, regression refers to prediction of a numeric target.

Linear regression attempts to establish a linear relationship between one or more independent variables and a numeric outcome, or dependent variable.

You use this module to define a linear regression method, and then train a model using a labeled dataset. The trained model can then be used to make predictions.

Incorrect Answers:

1.

Classification is a machine learning method that uses data to determine the category, type, or class of an item or row of data.

2.

Clustering, in machine learning, is a method of grouping data points into similar clusters. It is also called segmentation.

Over the years, many clustering algorithms have been developed. Almost all clustering algorithms use the features of individual items to find similar items. For example, you might apply clustering to find similar people by demographics. You might use clustering with text analysis to group sentences with similar topics or sentiment.

Reference: <https://docs.microsoft.com/en-us/azure/machine-learning/algorithm-module-reference/linear-regression> <https://docs.microsoft.com/en-us/azure/machine-learning/studio-module-reference/machine-learning-initialize-model-clustering>



QUESTION 3

In which two scenarios can you use the Form Recognizer service? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. Extract the invoice number from an invoice.
- B. Translate a form from French to English.
- C. Find image of product in a catalog.
- D. Identity the retailer from a receipt.

Correct Answer: AD

Reference: <https://azure.microsoft.com/en-gb/services/cognitive-services/form-recognizer/#features>

QUESTION 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

Correct Answer: B

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>

QUESTION 5

You have 100 instructional videos that do NOT contain any audio. Each instructional video has a script.

You need to generate a narration audio file for each video based on the script. Which type of workload should you use?

- A. language modeling
- B. speech recognition
- C. speech synthesis



D. translation

Correct Answer: C

Text to speech enables your applications, tools, or devices to convert text into humanlike synthesized speech. The text to speech capability is also known as speech synthesis. Use humanlike prebuilt neural voices out of the box, or create a custom neural voice that's unique to your product or brand.

Reference: <https://learn.microsoft.com/en-us/azure/cognitive-services/speech-service/text-to-speech>

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