



# AI-900<sup>Q&As</sup>

Microsoft Azure AI Fundamentals

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### QUESTION 1

Your company is exploring the use of voice recognition technologies in its smart home devices. The company wants to identify any barriers that might unintentionally leave out specific user groups. This an example of which Microsoft guiding principle for responsible AI?

- A. accountability
- B. fairness
- C. inclusiveness
- D. privacy and security

Correct Answer: C

Reference:

<https://docs.microsoft.com/en-us/learn/modules/responsible-ai-principles/4-guiding-principles>

AI systems should empower everyone and engage people. AI should bring benefits to all parts of society, regardless of physical ability, gender, sexual orientation, ethnicity, or other factors.

<https://docs.microsoft.com/en-us/learn/modules/get-started-ai-fundamentals/7-understand-responsible-ai>

### QUESTION 2

#### HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Creating a text transcript of a voice recording is an example of

a computer vision workload.
a knowledge mining workload.
a natural language processing (NLP) workload.
an anomaly detection workload.

Answer selection

Correct Answer:

Creating a text transcript of a voice recording is an example of

a computer vision workload.
a knowledge mining workload.
a natural language processing (NLP) workload.
an anomaly detection workload.

Answer selection



### QUESTION 3

You have a natural language processing (NLP) model that was created by using data obtained without permission. Which Microsoft principle for responsible AI does this breach?

- A. reliability and safety
- B. privacy and security
- C. inclusiveness
- D. transparency

Correct Answer: D

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### QUESTION 4

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

Correct Answer: A

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.

Incorrect Answers:

B: Optical character recognition (OCR) allows you to extract printed or handwritten text from images and documents.

C: Scene segmentation determines when a scene changes in video based on visual cues. A scene depicts a single event and it's composed by a series of consecutive shots, which are semantically related.

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>

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### QUESTION 5

You need to develop a chatbot for a website. The chatbot must answer users' questions based on the information in the following documents:



1.  
A product troubleshooting guide in a Microsoft Word document
2.  
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

Correct Answer: D

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

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