AI-900^{Q&As}

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AI-900 Q&As

Microsoft Azure AI Fundamentals

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QUESTION 1

What is an example of the Microsoft responsible AI principle of transparency?

A. ensuring that opportunities are allocated equally to all applicants

B. helping users understand the decisions made by an AI system

C. ensuring that developers are accountable for the solutions they create

D. ensuring that the privileged data of users is stored in a secure manner

Correct Answer: B

Transparency Achieving transparency helps the team to understand the data and algorithms used to train the model, what transformation logic was applied to the data, the final model generated, and its associated assets. This information offers insights about how the model was created, which allows it to be reproduced in a transparent way.

Each predictive value should be broken down into individual features or vectors by importance or impact and deliver thorough prediction explanations that can be exported into a business report for audit and compliance reviews, customer transparency, and business readiness.

Transparency Notes provide our customers with information about the intended uses, capabilities, and limitations of our AI platform services.

Reference: https://learn.microsoft.com/en-us/azure/cloud-adoption-framework/innovate/best-practices/trusted-ai https://www.microsoft.com/en-us/ai/responsible-ai

QUESTION 2

Which statement is an example of a Microsoft responsible AI principle?

A. AI systems must use only publicly available data

B. AI systems must be transparent and inclusive

C. AI systems must keep personal details public

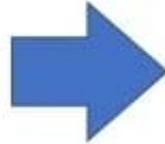D. AI systems must protect the interests of the company

Correct Answer: B

QUESTION 3

You use natural language processing to process text from a Microsoft news story. You receive the output shown in the following exhibit.

For weeks now, students and teachers have been settling into the uncharted routine of distance learning. Today I want to thank all of the educators who are connecting classrooms and classmates together in the sudden shift to remote learning. This change requires everyone working together and is unlike anything we've seen in the modern history of education. We've seen countries, school districts and universities move rapidly into remote learning environments with Microsoft Teams being used in 175 countries by 183,000 institutions.

now [DateTime]
students [PersonType]
teachers [PersonType]
distance learning [Skill]
Today [DateTime-Date]
educators [PersonType]
classrooms [Location]
classmates [PersonType]
remote learning [Skill]
history [Skill]
education [Skill]
remote learning [Skill]
Microsoft [Organization]
175 [Quantity-Number]
183,000 [Quantity-Number]

Which type of natural languages processing was performed?

A. entity recognition

B. key phrase extraction

C. sentiment analysis

D. translation

Correct Answer: A

You can provide the Text Analytics service with unstructured text and it will return a list of entities in the text that it recognizes. You can provide the Text Analytics service with unstructured text and it will return a list of entities in the text that it recognizes. The service can also provide links to more information about that entity on the web. An entity is essentially an item of a particular type or a category; and in some cases, subtype, such as those as shown in the following table. https://docs.microsoft.com/en-us/learn/modules/ analyze-text-with-text-analytics-service/2-get-started-azure

https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/overview

QUESTION 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

Correct Answer: BD

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

QUESTION 5

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Counting the number of animals in an area based on a video feed is an example of

| forecasting. |
| computer vision. |
| conversational AI. |
| anomaly detection. |

Correct Answer:

Counting the number of animals in an area based on a video feed is an example of [▼]

- forecasting.
- **computer vision.**
- conversational AI.
- anomaly detection.

Reference: https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview
https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/intro-to-spatial-analysis-public-preview

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