

T estpassport Q&A



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Exam : **AI-900**

Title : Microsoft Azure AI
Fundamentals

Version : DEMO

1.You run a charity event that involves posting photos of people wearing sunglasses on Twitter. You need to ensure that you only retweet photos that meet the following requirements:
Include one or more faces.

Contain at least one person wearing sunglasses.

What should you use to analyze the images?

- A. the Verify operation in the Face service
- B. the Detect operation in the Face service
- C. the Describe Image operation in the Computer Vision service
- D. the Analyze Image operation in the Computer Vision service

Answer: B

Explanation:

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

2.What are three Microsoft guiding principles for responsible AI? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. knowledgeability
- B. decisiveness
- C. inclusiveness
- D. fairness
- E. opinionatedness
- F. reliability and safety

Answer: C,D,F

Explanation:

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

3.HOTSPOT

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

Answer Area

is used to generate additional features.

- Feature engineering
- Feature selection
- Model evaluation
- Model training

Answer:

Answer Area

is used to generate additional features.

- Feature engineering
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- Model evaluation
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4.HOTSPOT

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

According to Microsoft's

	▼
accountability	
fairness	
inclusiveness	
transparency	

 principle of responsible AI,

AI systems should **NOT** reflect biases from the data sets that are used to train the systems.

Answer:

According to Microsoft's

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accountability	
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transparency	

 principle of responsible AI,

AI systems should **NOT** reflect biases from the data sets that are used to train the systems.

Explanation:

Diagram, table

Description automatically generated

5.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
Providing an explanation of the outcome of a credit loan application is an example of the Microsoft transparency principle for responsible AI.	<input type="radio"/>	<input type="radio"/>
A triage bot that prioritizes insurance claims based on injuries is an example of the Microsoft reliability and safety principle for responsible AI.	<input type="radio"/>	<input type="radio"/>
An AI solution that is offered at different prices for different sales territories is an example of the Microsoft inclusiveness principle for responsible AI.	<input type="radio"/>	<input type="radio"/>

Answer:

Statements	Yes	No
Providing an explanation of the outcome of a credit loan application is an example of the Microsoft transparency principle for responsible AI.	<input checked="" type="radio"/>	<input type="radio"/>
A triage bot that prioritizes insurance claims based on injuries is an example of the Microsoft reliability and safety principle for responsible AI.	<input type="radio"/>	<input checked="" type="radio"/>
An AI solution that is offered at different prices for different sales territories is an example of the Microsoft inclusiveness principle for responsible AI.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

Text

Description automatically generated

Box 1: Yes

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.

Box 2: No

A data holder is obligated to protect the data in an AI system, and privacy and security are an integral part of this system. Personal needs to be secured, and it should be accessed in a way that doesn't compromise an individual's privacy.

Box 3: No

Inclusiveness mandates that AI should consider all human races and experiences, and inclusive design practices can help developers to understand and address potential barriers that could unintentionally exclude people. Where possible, speech-to-text, text-to-speech, and visual recognition technology should be used to empower people with hearing, visual, and other impairments.