Mock Test 2 - AI&ML

Total points 1000/1000 ?

0 of 0 points

CNIC No. (Without Dashes) *

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Questions   1000 of 1000 points

✓ **Which type of AI workload features the use of bots? ***   25/25

● Conversational AI   ✓

○ Natural language

○ Computer vision

○ Anomaly-driven

✓ **Which AI model has security as its biggest concern? ***   25/25

   ⦿ Models using PII   ✓

   ◯ Autonomous vehicles

   ◯ Loan processing

   ◯ Facial recognition software

✓ **Which natural language processing service provides a platform for Conversational AI?**   *25/25

   ◯ Translator

   ⦿ Azure Bot   ✓

   ◯ Language

   ◯ Speech

✓ **For each statement regarding the features of object detection, select if the statement is true**   *25/25

   ⦿ Adds bounding boxes around parts of an image   ✓

   ◯ Classifies image pixels according to identified objects within an image

   ◯ Calculates coordinates of the top, left, width, and height of an image

⑦

✓ **Evaluate each statement regarding language detection features.**   *25/25
Select the true statement/s

☑ The ISO 6391 language code can be determined.   ✓

☐ A phrase with two or more languages will have both languages identified.

☑ The top score for language detection confidence is 1.   ✓

✓ **Evaluate each task listed and select if the task is a capability of the**   *25/25
Computer Vision service

☑ Landmark detection   ✓

☐ Text translation within an image

☑ Face detection   ✓

✓ **[0-9]{3}-[0-9]{2}-[0-9]{4} is an example of which type of Language**   *25/25
service entity?

◯ Pattern.any

⦿ RegEx   ✓

◯ Machine-learned

◯ List

✓ **What are common tools used in Azure Machine Learning Studio?** *25/25
(Choose 2)

☐ Blob Storage Access Policies

☐ Azure Virtual Machines

☑ Automated ML   ✓

☑ Designer (drag-and-drop ML)   ✓

✓ **For each machine learning model, select if the model should be a** *25/25
regression machine learning model

☐ Predicting spam emails from a spam filter

☑ Predicting the amount of winter coats sold   ✓

☑ Predicting the price of boats   ✓

✓ **Which Azure Machine Learning Service allows for one to create a** *25/25
learning model without having to write code?

○ Data mining

○ Data transformation

◉ Automated Machine Learning UI   ✓

○ Pipeline

✓ **Which AI guiding principle states that AI models should be built to meet any ethical and legal standards that apply to the organization developing the model?**   *25/25

○ Reliability

○ Transparency

◉ Accountability   ✓

○ Safety

✓ **Which of the following are unsupervised learning scenarios? (Choose 2)**   *25/25

☐ Predicting house prices

☑ Grouping customers based on purchasing behavior   ✓

☐ Classifying emails as spam or not

☑ Clustering similar documents   ✓

✓ **Which of the following are APIs found in the Speech Service? (Choose three)**   *25/25

☑ Text-to-speech   ✓

☑ Speech Translation   ✓

☑ Speech-to-text   ✓

☐ Selective translation

☐ Profanity filtering

✓ **For each aspect of an AI model, select if the aspect falls under the**   *25/25
guiding principle of transparency

◉ Letting users know of limitations in the model   ✓

○ Including gender as a consideration

○ A model is developed within the framework of organizational principles

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✓ **Which machine learning model groups labels into categories, such as**   *25/25
is the case of grouping people into career paths based on information
the people provide?

○ Regression

○ Clustering

○ Algorithmic

◉ Classification   ✓

✓ **For each statement regarding Face analysis, select if the statement is**   *25/25
true

☑ Occlusion determines if objects are possibly blocking a face   ✓

☑ A minimum size for aced detection is 36 x 36.   ✓

☐ The Exposure attribute indicates an overexposure or underexposure of the entire
image.

⑦