

New AI-900 Exam Objectives, AI-900 Test Preparation



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The sources and content of our AI-900 practice materials are all based on the real exam. And they are the masterpieces of professional expertise these area with reasonable prices. Besides, they are high efficient for passing rate is between 98 to 100 percent, so they can help you save time and cut down additional time to focus on the AI-900 Actual Exam review only. We understand your drive of the AI-900 certificate, so you have a focus already and that is a good start.

The AI-900 Exam covers a wide range of topics related to AI and ML, including the basics of data science, machine learning, natural language processing, computer vision, and more. Candidates will be tested on their understanding of various Azure AI services, such as Azure Cognitive Services, Azure Machine Learning, and Azure Bot Service, and their ability to implement these services to develop intelligent solutions.

>> **New AI-900 Exam Objectives** <<

AI-900 Test Preparation, Regular AI-900 Update

For the recognition of skills and knowledge, more career opportunities, professional development, and higher salary potential, the AI-900 certification exam is the proven way to achieve these tasks quickly. Overall, we can say that with the Microsoft Azure AI Fundamentals (AI-900) exam you can gain a competitive edge in your job search and advance your career in the tech industry. However, to pass the AI-900 Exam you have to prepare well. For the quick AI-900 exam preparation the AI-900 Questions is the right choice.

Microsoft AI-900 Exam is an entry-level certification exam that does not require any prerequisites. However, candidates should have a basic understanding of cloud computing and Microsoft Azure. AI-900 exam consists of 40-60 multiple-choice questions, and candidates have 60 minutes to complete it. Upon passing the exam, candidates will receive the Microsoft Certified: Azure AI Fundamentals certification, which is a valuable credential in the AI industry.

Passing the AI-900 certification exam demonstrates that the candidate has a fundamental understanding of AI technologies and their applications in the Azure ecosystem. It is an excellent way to showcase your skills and knowledge to potential employers and clients. Microsoft Azure AI Fundamentals certification also provides a solid foundation for further Microsoft Azure certifications in AI and data science. Overall, the Microsoft AI-900 Certification Exam is an excellent way to kickstart your career in AI and demonstrate your proficiency in the field.

Microsoft Azure AI Fundamentals Sample Questions (Q162-Q167):

NEW QUESTION # 162

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area



Statements	Yes	No
Forecasting housing prices based on historical data is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>
Identifying suspicious sign-ins by looking for deviations from usual patterns is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>
Predicting whether a patient will develop diabetes based on the patient's medical history is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Forecasting housing prices based on historical data is an example of anomaly detection.	<input type="radio"/>	<input checked="" type="radio"/>
Identifying suspicious sign-ins by looking for deviations from usual patterns is an example of anomaly detection.	<input checked="" type="radio"/>	<input type="radio"/>
Predicting whether a patient will develop diabetes based on the patient's medical history is an example of anomaly detection.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/studio-module-reference/anomaly-detection>

NEW QUESTION # 163

You have an app that identifies the coordinates of a product in an image of a supermarket shelf. Which service does the app use?

- A. Azure AI Computer Vision Read
- **B. Azure AI Custom Vision object detection**
- C. Azure AI Computer Vision optical character recognition (OCR)
- D. Azure AI Custom Vision classification

Answer: B

Explanation:

The described app identifies the coordinates of a product within an image of a supermarket shelf. This scenario directly corresponds to the object detection capability of Azure AI Custom Vision. As per the Microsoft Learn module "Train a Custom Vision model", the object detection project type allows developers to train models that can both detect and locate objects within an image. It returns bounding box coordinates along with predicted labels for each detected item.

In this use case, the app doesn't just classify what products are present-it needs the position of the product (coordinates). That function distinguishes object detection from classification. Classification simply assigns a label to the entire image, while object detection provides spatial information for multiple items in one image.

The other options are incorrect:

* B. Azure AI Computer Vision Read and C. Azure AI Computer Vision OCR are used for extracting text from images, not locating objects.

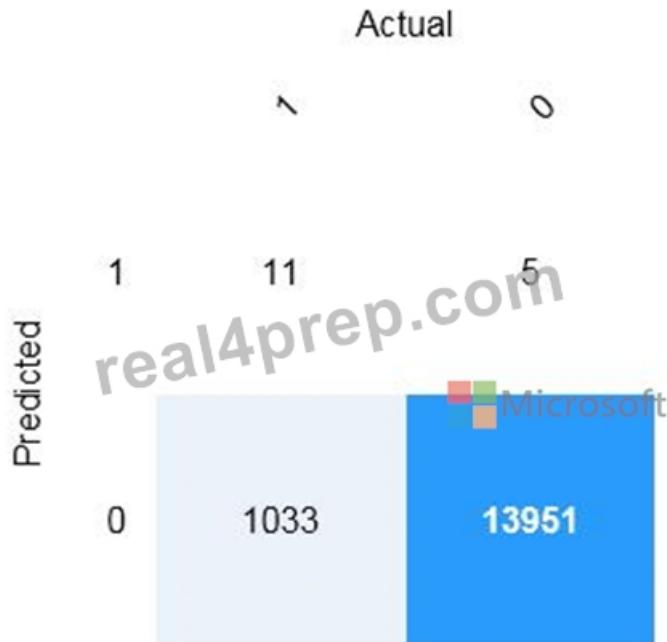
* D. Azure AI Custom Vision classification only categorizes images but cannot determine where objects appear.

Therefore, to build an app that finds and locates products in images, the correct choice is A. Azure AI Custom Vision object detection.

NEW QUESTION # 164

You are developing a model to predict events by using classification.

You have a confusion matrix for the model scored on test data as shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

There are [answer choice] correctly predicted positives.

There are [answer choice] false negatives.

Answer:

Explanation:

Answer Area

There are [answer choice] correctly predicted positives.

5
11
1,033
13,951

There are [answer choice] false negatives.

5
11
1,033
13,951



Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/studio/evaluate-model-performance> Finding TP is easy. It basically means the value where Predicted and True value is 1 and that is 11 in this case.

False Negative means where true value was 1 but predicted value was 0 and that is 1033 in this case The confusion matrix shows cases where both the predicted and actual values were 1 (known as true positives) at the top left, and cases where both the predicted and the actual values were 0 (true negatives) at the bottom right. The other cells show cases where the predicted and actual values differ (false positives and false negatives).

<https://docs.microsoft.com/en-us/learn/modules/create-classification-model-azure-machine-learning-designer/evaluate-model>

NEW QUESTION # 165

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Forecasting housing prices based on historical data is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>
Identifying suspicious sign-ins by looking for deviations from usual patterns is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>
Predicting whether a patient will develop diabetes based on the patient's medical history is an example of anomaly detection.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Forecasting housing prices based on historical data is an example of anomaly detection.	<input type="radio"/>	<input checked="" type="radio"/>
Identifying suspicious sign-ins by looking for deviations from usual patterns is an example of anomaly detection.	<input checked="" type="radio"/>	<input type="radio"/>
Predicting whether a patient will develop diabetes based on the patient's medical history is an example of anomaly detection.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

Statements	Yes	No
Forecasting housing prices based on historical data is an example of anomaly detection.	<input type="radio"/>	<input checked="" type="radio"/>
Identifying suspicious sign-ins by looking for deviations from usual patterns is an example of anomaly detection.	<input checked="" type="radio"/>	<input type="radio"/>
Predicting whether a patient will develop diabetes based on the patient's medical history is an example of anomaly detection.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No

Box 2: Yes

Box 3: Yes

Anomaly detection encompasses many important tasks in machine learning:

Identifying transactions that are potentially fraudulent.

Learning patterns that indicate that a network intrusion has occurred.

Finding abnormal clusters of patients.

Checking values entered into a system.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/studio-module-reference/anomaly-detection>

NEW QUESTION # 166

What is the maximum image size that can be processed by using the prebuilt receipt model in Azure AI Document Intelligence?

- A. 100 MB
- B. 50 MB
- C. 10MB
- D. 5 MB

Answer: C

Explanation:

According to the Microsoft Learn documentation for Azure AI Document Intelligence (formerly Form Recognizer) and the AI-900 official study materials, the prebuilt receipt model in Azure AI Document Intelligence supports analyzing image and PDF files up to a maximum size of 10 MB per document.

Azure AI Document Intelligence is a cloud-based service that applies advanced optical character recognition (OCR) and machine learning to extract structured information from documents such as receipts, invoices, identity cards, and business forms. The prebuilt receipt model is specifically designed to extract key data fields from retail receipts-such as merchant name, transaction date, items purchased, subtotal, tax, and total-without requiring users to build or train a custom model.

As per Microsoft's service limits, the input file for the prebuilt models (including receipts, invoices, business cards, and identity documents) must:

* Not exceed 10 MB in file size.

* Not exceed 17 x 17 inches (43 x 43 cm) in physical dimensions.

* Be in a supported image or document format such as JPG, PNG, BMP, TIFF, or PDF.

Let's examine why other options are incorrect:

* A. 5 MB # Too small; the service allows up to 10 MB.

* C. 50 MB and D. 100 MB # Exceed the official maximum file size supported by Azure AI Document Intelligence.

Therefore, when using the prebuilt receipt model, you must ensure that the input file is 10 MB or smaller to be successfully processed by the service.

NEW QUESTION # 167

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