

# AI-900 Quiz, Valid AI-900 Exam Tutorial



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Microsoft AI-900 exam is the foundation level certification exam that is designed to validate your foundational knowledge of Artificial Intelligence (AI) and Machine Learning (ML) concepts on the Microsoft Azure platform. Microsoft Azure AI Fundamentals certification exam is ideal for individuals who want to demonstrate their knowledge of AI and ML concepts and how they can be applied to the Azure platform. AI-900 exam is designed to test your understanding of essential AI principles, including ML algorithms, data preparation, and natural language processing.

Microsoft AI-900 certification exam, also known as the Microsoft Azure AI Fundamentals exam, is a fundamental-level exam that measures a candidate's knowledge and understanding of essential concepts related to artificial intelligence (AI) and machine learning (ML) on the Azure platform. Microsoft Azure AI Fundamentals certification exam is intended for individuals who wish to demonstrate their knowledge of AI and ML concepts and their practical applications using the Azure platform. AI-900 Exam is designed to validate that the candidate has the foundational knowledge required to use Azure AI services to build intelligent solutions.

>> AI-900 Quiz <<

## Quiz 2026 Microsoft Trustable AI-900: Microsoft Azure AI Fundamentals Quiz

With the advent of the era of knowledge-based economy, a man without a sound academic background can hardly accomplish anything. But it is not an uncommon phenomenon that many people become successful without a good education. People can achieve great success without an outstanding education and that the AI-900 qualifications a successful person needs can be acquired through the study to get some professional certifications. So it cannot be denied that suitable AI-900 study materials do help you a lot; thus we strongly recommend our AI-900 study materials for several following reasons.

The AI-900 certification exam is an excellent starting point for anyone who wants to build a career in AI and ML. It is suitable for individuals who have a basic understanding of cloud computing and are interested in expanding their knowledge of AI concepts and their practical applications. Passing AI-900 Exam is a great way to demonstrate your expertise in AI and ML to potential employers and colleagues. Moreover, it serves as a pre-requisite for more advanced certifications that validate expertise in specific AI and ML areas.

## Microsoft Azure AI Fundamentals Sample Questions (Q126-Q131):

### NEW QUESTION # 126

You are processing photos of runners in a race.

You need to read the numbers on the runners' shirts to identify the runners in the photos.

Which type of computer vision should you use?

- A. facial recognition
- **B. optical character recognition (OCR)**
- C. object detection
- D. semantic segmentation

**Answer: B**

Explanation:

According to the Microsoft Azure AI Fundamentals (AI-900) official study guide and the Microsoft Learn module "Identify features of computer vision workloads", Optical Character Recognition (OCR) is a core capability within the computer vision domain that enables systems to detect and extract text from images or documents. OCR technology can identify printed or handwritten characters in photographs, scanned documents, or camera feeds, and convert them into machine-readable text.

In this scenario, the task is to read the numbers on runners' shirts in race photos. These numbers are textual or numeric characters embedded within images. OCR is specifically designed for this purpose - to locate and recognize characters within visual data and convert them into usable text. Once extracted, those numbers can be cross-referenced with a database to identify each runner.

Let's analyze why the other options are incorrect:

\* A. Facial recognition focuses on identifying individuals based on unique facial features, not reading text or numbers.

\* C. Semantic segmentation classifies each pixel of an image into categories (for example, separating road, sky, and people), but it doesn't read text.

\* D. Object detection identifies and locates objects within an image (such as detecting people or vehicles) but does not extract readable text or numbers.

Therefore, since the task involves reading textual or numeric content from an image, the appropriate type of computer vision to use is Optical Character Recognition (OCR).

Reference: Microsoft Learn - Identify features and uses of computer vision in Azure AI services (Cognitive Services - Optical Character Recognition).

#### NEW QUESTION # 127

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:**

Explanation:

☐

#### NEW QUESTION # 128

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:**

Explanation:

☐

Explanation:

☐

This question examines your understanding of Natural Language Processing (NLP) as described in the Microsoft Azure AI Fundamentals (AI-900) official study guide and Microsoft Learn module "Explore natural language processing." NLP is a branch of artificial intelligence that enables computers to analyze, understand, and generate human language - both written and spoken. Typical NLP tasks include text analytics, language understanding, sentiment analysis, key phrase extraction, and profanity detection.

\* Monitoring online service reviews for profanities # Yes This is a classic example of NLP. Detecting profane or inappropriate words in customer reviews requires analyzing text content. Azure Cognitive Services offers Content Moderator and Text Analytics APIs that can detect and filter profanity, sentiment, and offensive language automatically. Microsoft Learn states: "Natural language processing is used to process and analyze text to detect sentiment, key phrases, and inappropriate content." Hence, this task is correctly classified as NLP.

\* Identifying brand logos in an image # No This task belongs to Computer Vision, not NLP. The Computer Vision API and Custom Vision service in Azure are designed to detect and classify visual elements like logos, objects, or scenes. Since it involves images, not text, it is unrelated to natural language processing.

\* Monitoring public news sites for negative mentions of a product # Yes This is another valid example of NLP. The process involves analyzing the sentiment of text from online articles to determine whether mentions of a product are positive, neutral, or negative.

Azure Text Analytics provides prebuilt sentiment analysis and entity recognition capabilities that help automate such monitoring.

### NEW QUESTION # 129

Match the types of natural languages processing workloads to the appropriate scenarios.

To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

**Answer:**

Explanation:

Explanation:

According to the Microsoft Azure AI Fundamentals (AI-900) official study guide and the Microsoft Learn module "Identify features of Natural Language Processing (NLP) workloads on Azure", Azure Cognitive Services provides several text analytics and language understanding workloads that perform different types of language processing tasks. Each workload extracts specific information or performs distinct analysis operations on text data.

\* Entity Recognition # Extracts persons, locations, and organizations from the text  
Entity recognition is a feature of Azure Cognitive Service for Language (formerly Text Analytics). It identifies and categorizes named entities in unstructured text, such as people, organizations, locations, dates, and more. The study guide defines this workload as: "Entity recognition locates and classifies named entities in text into predefined categories." This allows applications to extract structured information from raw text data- for example, identifying "Microsoft" as an organization and "Seattle" as a location.

\* Sentiment Analysis # Evaluates text along a positive-negative scale  
Sentiment analysis determines the emotional tone or opinion expressed in a piece of text. It classifies text as positive, negative, neutral, or mixed, which is widely used for social media monitoring, customer feedback, and product reviews.

Microsoft's official documentation describes it as: "Sentiment analysis evaluates text and returns a sentiment score indicating whether the sentiment is positive, negative, neutral, or mixed."

\* Translation # Returns text translated to the specified target language  
The Translator service, part of Azure Cognitive Services, automatically translates text from one language to another. It supports multiple languages and provides near real-time translation. The AI-900 content specifies that

"translation workloads are used to automatically translate text between languages using machine translation models." In summary:

\* Entity Recognition # Extracts entities like names and locations.

\* Sentiment Analysis # Determines emotional tone.

\* Translation # Converts text between languages.

# Final Answers:

\* Extracts persons, locations, and organizations # Entity recognition

\* Evaluates text along a positive-negative scale # Sentiment analysis

\* Returns text translated to the specified target language # Translation

### NEW QUESTION # 130

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:**

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-service-overview-introduction?view=azure-bot-service-4.0>

### NEW QUESTION # 131

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