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# MICROSOFT AI-900

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**Microsoft Azure AI Fundamentals Certification Questions & Answers**

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Exam Summary – Syllabus – Questions

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**AI-900**

**[Microsoft Certified - Azure AI Fundamentals](#)**

**40-60 Questions Exam – 700 / 1000 Cut Score – Duration of 60 minutes**

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## Know Your AI-900 Certification Well:

The AI-900 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AI-900 preparation you may struggle to get all the crucial Azure AI Fundamentals materials like AI-900 syllabus, sample questions, study guide.

But don't worry the AI-900 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the AI-900 syllabus?
- How many questions are there in the AI-900 exam?
- Which Practice test would help me to pass the AI-900 exam at the first attempt?

Passing the AI-900 exam makes you Microsoft Certified - Azure AI Fundamentals. Having the Azure AI Fundamentals certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## Microsoft AI-900 Azure AI Fundamentals Certification Details:

Exam Name	Microsoft Certified - Azure AI Fundamentals
Exam Code	AI-900
Exam Price	\$99 (USD)
Duration	60 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	<a href="#">Course AI-900T00: Microsoft Azure AI Fundamentals</a>
Schedule Exam	<a href="#">Pearson VUE</a>
Sample Questions	<a href="#">Microsoft Azure AI Fundamentals Sample Questions</a>
Practice Exam	<a href="#">Microsoft AI-900 Certification Practice Exam</a>

## AI-900 Syllabus:

Topic	Details
<b>Describe Artificial Intelligence workloads and considerations (15-20%)</b>	
Identify features of common AI workloads	<ul style="list-style-type: none"> <li>- identify prediction/forecasting workloads</li> <li>- identify features of anomaly detection workloads</li> <li>- identify computer vision workloads</li> <li>- identify natural language processing or knowledge mining workloads</li> <li>- identify conversational AI workloads</li> </ul>
Identify guiding principles for responsible AI	<ul style="list-style-type: none"> <li>- describe considerations for fairness in an AI solution</li> <li>- describe considerations for reliability and safety in an AI solution</li> <li>- describe considerations for privacy and security in an AI solution</li> <li>- describe considerations for inclusiveness in an AI solution</li> <li>- describe considerations for transparency in an AI solution</li> <li>- describe considerations for accountability in an AI solution</li> </ul>
<b>Describe fundamental principles of machine learning on Azure (30-35%)</b>	
Identify common machine learning types	<ul style="list-style-type: none"> <li>- identify regression machine learning scenarios</li> <li>- identify classification machine learning scenarios</li> <li>- identify clustering machine learning scenarios</li> </ul>
Describe core machine learning concepts	<ul style="list-style-type: none"> <li>- identify features and labels in a dataset for machine learning</li> <li>- describe how training and validation datasets are used in machine learning</li> <li>- describe how machine learning algorithms are used for model training</li> <li>- select and interpret model evaluation metrics for classification and regression</li> </ul>
Identify core tasks in creating a machine learning solution	<ul style="list-style-type: none"> <li>- describe common features of data ingestion and preparation</li> <li>- describe feature engineering and selection</li> <li>- describe common features of model training and</li> </ul>

Topic	Details
	evaluation - describe common features of model deployment and management
Describe capabilities of no-code machine learning with Azure Machine Learning studio	- automated ML UI - azure Machine Learning designer
<b>Describe features of computer vision workloads on Azure (15-20%)</b>	
Identify common types of computer vision solution	- identify features of image classification solutions - identify features of object detection solutions - identify features of optical character recognition solutions - identify features of facial detection, facial recognition, and facial analysis solutions
Identify Azure tools and services for computer vision tasks	- identify capabilities of the Computer Vision service - identify capabilities of the Custom Vision service - identify capabilities of the Face service - identify capabilities of the Form Recognizer service
<b>Describe features of Natural Language Processing (NLP) workloads on Azure (15-20%)</b>	
Identify features of common NLP Workload Scenarios	- identify features and uses for key phrase extraction - identify features and uses for entity recognition - identify features and uses for sentiment analysis - identify features and uses for language modeling - identify features and uses for speech recognition and synthesis - identify features and uses for translation
Identify Azure tools and services for NLP workloads	- identify capabilities of the Text Analytics service - identify capabilities of the Language Understanding service (LUIS) - identify capabilities of the Speech service - identify capabilities of the Translator Text service

Topic	Details
<b>Describe features of conversational AI workloads on Azure (15-20%)</b>	
Identify common use cases for conversational AI	<ul style="list-style-type: none"><li>- identify features and uses for webchat bots</li><li>- identify common characteristics of conversational AI solutions</li></ul>
Identify Azure services for conversational AI	<ul style="list-style-type: none"><li>- identify capabilities of the QnA Maker service</li><li>- identify capabilities of the Azure Bot service</li></ul>

## Microsoft AI-900 Sample Questions:

### Question: 1

What is a use case for classification?

- a) predicting how many cups of coffee a person will drink based on how many hours the person slept the previous night.
- b) analyzing the contents of images and grouping images that have similar colors
- c) predicting whether someone uses a bicycle to travel to work based on the distance from home to work
- d) predicting how many minutes it will take someone to run a race based on past race times

**Answer: b**

### Question: 2

What are two tasks that can be performed by using computer vision?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) Predict stock prices.
- b) Detect brands in an image.
- c) Detect the color scheme in an image
- d) Translate text between languages.
- e) Extract key phrases.

**Answer: b, e**

**Question: 3**

Which metric can you use to evaluate a classification model?

- a) root mean squared error (RMSE)
- b) mean absolute error (MAE)
- c) coefficient of determination (R2)
- d) true positive rate

**Answer: d**

**Question: 4**

Which AI service can you use to interpret the meaning of a user input such as “Call me back later?”

- a) Translator Text
- b) Speech
- c) Text Analytics
- d) Language Understanding (LUIS)

**Answer: c**

**Question: 5**

Which AI service should you use to create a bot from a frequently asked questions (FAQ) document?

- a) Speech
- b) Language Understanding (LUIS)
- c) Text Analytics
- d) QnA Maker

**Answer: d**

**Question: 6**

Which two of these sources can you translate from one language into another?

- a) Image
- b) Handwriting
- c) Text
- d) Video
- e) Speech

**Answer: c, e**

**Question: 7**

You have a dataset that contains information about taxi journeys that occurred during a given period. You need to train a model to predict the fare of a taxi journey. What should you use as a feature?

- a) the number of taxi journeys in the dataset
- b) the trip distance of individual taxi journeys
- c) the fare of individual taxi journeys
- d) the trip ID of individual taxi journeys

**Answer: b****Question: 8**

You are designing an AI system that empowers everyone, including people who have hearing, visual, and other impairments. This is an example of which Microsoft guiding principle for responsible AI?

- a) fairness
- b) inclusiveness
- c) reliability and safety
- d) accountability

**Answer: b****Question: 9**

Which two components can you drag onto a canvas in Azure Machine Learning designer?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) dataset
- b) compute
- c) pipeline
- d) module

**Answer: a, d**



**Question: 10**

You have a frequently asked questions (FAQ) PDF file. You need to create a conversational support system based on the FAQ. Which service should you use?

- a) QnA Maker
- b) Text Analytics
- c) Computer Vision
- d) Language Understanding (LUIS)

**Answer: a**

## Study Guide to Crack Microsoft Azure AI Fundamentals AI-900 Exam:

- Getting details of the AI-900 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the AI-900 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for AI-900 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the AI-900 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on AI-900 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for AI-900 Certification

Make EduSum.com your best friend during your Microsoft Azure AI Fundamentals exam preparation. We provide authentic practice tests for the AI-900 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual AI-900 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the AI-900 exam.

**Start Online Practice of AI-900 Exam by visiting URL**

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