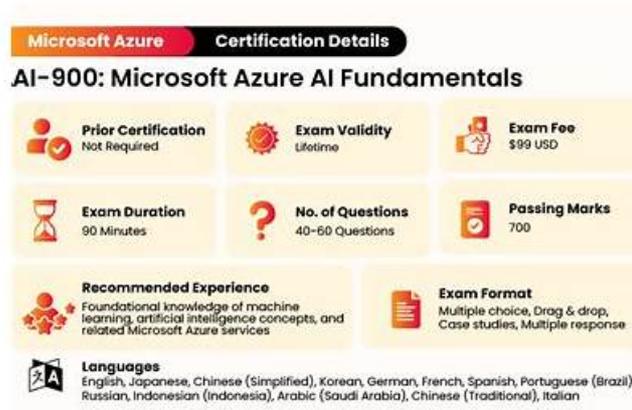


100% Pass Quiz 2026 Marvelous Microsoft AI-900: Microsoft Azure AI Fundamentals Cert Exam



Microsoft Azure Certification Details

AI-900: Microsoft Azure AI Fundamentals

Prior Certification Not Required	Exam Validity Lifetime	Exam Fee \$99 USD
Exam Duration 90 Minutes	No. of Questions 40-60 Questions	Passing Marks 700
Recommended Experience Foundational knowledge of machine learning, artificial intelligence concepts, and related Microsoft Azure services		Exam Format Multiple choice, Drag & drop, Case studies, Multiple response
Languages English, Japanese, Chinese (Simplified), Korean, German, French, Spanish, Portuguese (Brazil), Russian, Indonesian (Indonesia), Arabic (Saudi Arabia), Chinese (Traditional), Italian		

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If you're looking to advance your Microsoft career, Microsoft AI-900 Exam can help you achieve that goal. This certification exam is essential to assist professionals in every aspect of their field. However, studying for the exam can be challenging, and finding reliable study materials can be difficult. This is where PassExamDumps comes in.

Test AI-900 Scope of Knowledge

Overall, AI-900 exam tests the applicant's understanding of AI and ML through various topics categorized into 5 domains:

- **AI workloads and considerations (15-20%)**

The first topic of the final exam deals with AI workloads that are usually common. It includes candidates' understanding various types of workloads such as predicting forecasting traits, the detection of anomalies, vision for computer systems, NLP, and conversational AI workloads. The examinees are also required to have a thorough understanding of the principles of AI that possess responsibility traits. It means that the candidate needs to be well aware of all the considerations for different solutions for AI which include fairness, reliability, security, privacy, inclusiveness, transparency facets, and finally, functions for accountability.

- **Workloads for Natural Language Processing (NLP) related to Azure (15-20%)**

The fourth portion of AI-900 exam deals with Natural Language Processing or NLP workloads in Azure. To get a passing score, the entrant must have a firm grasp on the facets and usage of diverse NLP scenarios for workloads which comprise the extraction of the key phrase, the recognition of entities, the analysis of sentiments, modeling for languages, the recognition of speech, and translation traits. The applicants are also required to know about different techniques as well as services of Azure used for various NLP workloads. They are required to be capable of identifying diverse abilities of various services such as text analysis, LUIS, speech, and translator text.

- **Fundamental principles of machine learning on Azure (30-35%)**

In the second section, the applicant's knowledge of fundamental principles of machine learning in relation to Azure cloud computing services will be tested. This requires the applicant to have a clear comprehension of all the common types of various scenarios for ML that include classification, regression, and clustering. It is also essential to have a thorough understanding of the core ML concepts such as labels & features in datasets, dataset training that go with the validation process, etc. The entrant must as well as be capable of identifying the core task required in developing an ML solution. So, understanding the ingestion and preparation of data chunks, selection and engineering of various features, evaluation procedure as well as training for models, and deployment & management of those models will be vital. Finally, this portion of AI-900 Exam includes concepts of ML automated user interface that are ML Wizard UI and Azure ML designer.

- **Workloads for computer vision based on Azure and features (15-20%)**

This segment of the official test is all about workloads for computer vision in relation to Azure services. To get through this part, one must have a general grasp of the various common forms of computer vision solutions that include image classification, object detection, semantic segmentation, recognition for the optical character, and facial detection. The applicants are also required to have an understanding of the diverse methods including services used in Azure for activities that utilize computer vision. Such methods and services include the vision for computers, vision for custom, services for face vision, and at last, the recognizer of the form.

- **Conversational workloads for AI based on Azure and features (15-20%)**

The fifth and final domain for such an exam tests the entrant's understanding of conversational AI workloads. This requires the comprehension of facets as well as cases for the usage of conversational traits for AI which includes web chatbots, voice menus for the telephone, and digital assistants used for personal purposes. The applicant also needs to know how to check various Azure services related to conversational AI. Additionally, they should have a firm understanding of the QnA Maker Service & Bot service. Finally, it is essential for candidates to know and be able to describe the common characteristics of conversational artificial intelligence solutions.

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Microsoft AI-900 certification exam is an ideal starting point for individuals who want to build a career in AI and ML. Microsoft Azure AI Fundamentals certification exam is designed to test your foundational knowledge of AI and ML concepts and how they can be applied to the Azure platform. By passing the AI-900 Exam, you will gain a better understanding of how AI and ML can be used to solve real-world problems, and you will be able to use Azure AI services and tools to build intelligent applications.

Microsoft Azure AI Fundamentals Sample Questions (Q298-Q303):

NEW QUESTION # 298

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
A bot that responds to queries by internal users is an example of a conversational AI workload.	<input type="radio"/>	<input type="radio"/>
An application that displays images relating to an entered search term is an example of a conversational AI workload.	<input type="radio"/>	<input type="radio"/>
A web form used to submit a request to reset a password is an example of a conversational AI workload.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
A bot that responds to queries by internal users is an example of a conversational AI workload.	<input checked="" type="radio"/>	<input type="radio"/>
An application that displays images relating to an entered search term is an example of a conversational AI workload.	<input type="radio"/>	<input checked="" type="radio"/>
A web form used to submit a request to reset a password is an example of a conversational AI workload.	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

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

NEW QUESTION # 299

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

Ensuring that the numeric variables in training data are on a similar scale is an example of

<input type="radio"/>	data ingestion.
<input type="radio"/>	feature engineering.
<input type="radio"/>	feature selection.
<input type="radio"/>	model training.

Answer:

Explanation:

Ensuring that the numeric variables in training data are on a similar scale is an example of	<input type="radio"/>	data ingestion.
	<input type="radio"/>	feature engineering.
	<input checked="" type="radio"/>	feature selection.
	<input type="radio"/>	model training.

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/data-science-process/create-features>

NEW QUESTION # 300

You need to provide customers with the ability to query the status of orders by using phones, social media, or digital assistants. What should you use?

- A. an Azure AI Document Intelligence model
- **B. an Azure Machine Learning model**
- C. Azure AI Bot Service
- D. the Azure AI Translator service

Answer: B

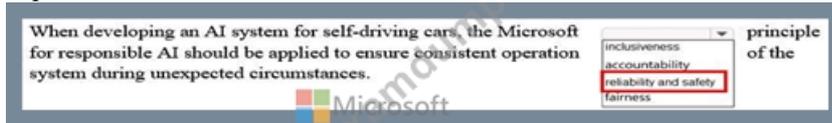
NEW QUESTION # 301

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

When developing an AI system for self-driving cars, the Microsoft for responsible AI should be applied to ensure consistent operation system during unexpected circumstances.	<input type="radio"/>	inclusiveness	principle of the
	<input type="radio"/>	accountability	
	<input type="radio"/>	reliability and safety	
	<input type="radio"/>	fairness	

Answer:

Explanation:



Reference:

<https://docs.microsoft.com/en-us/learn/modules/responsible-ai-principles/4-guiding-principles> AI systems should perform reliably and safely. For example, consider an AI-based software system for an autonomous vehicle; or a machine learning model that diagnoses patient symptoms and recommends prescriptions. Unreliability in these kinds of system can result in substantial risk to human life.

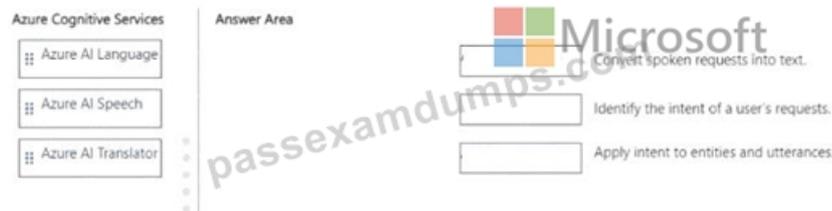
<https://docs.microsoft.com/en-us/learn/modules/get-started-ai-fundamentals/7-understand-responsible-ai>

NEW QUESTION # 302

Match the Azure AI service to the appropriate actions.

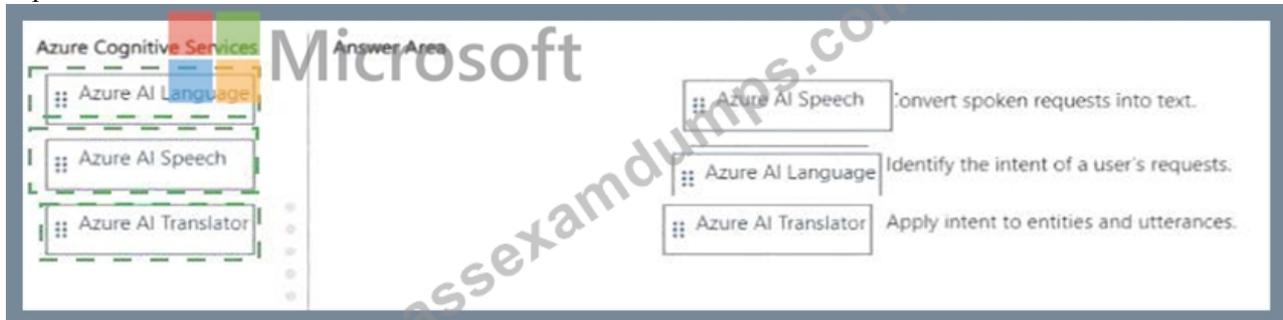
To answer, drag the appropriate service from the column on the left to its action on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.



Answer:

Explanation:



Explanation:



NEW QUESTION # 303

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