

AI-900^{Q&As}

Microsoft Azure AI Fundamentals

Pass Microsoft AI-900 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.leads4pass.com/ai-900.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers



QUESTION 1

DRAG DROP

Match the Azure Cognitive Services 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.

Select and Place:

language service	Convert spoken requests into text. Service
Speech	Identify the intent of a user's requests Service
Transtator	Apply intent to entities and utterances Service

Correct Answer:

language service	Convert spoken requests into text. Speech
Speech	Identify the intent of a user's requests language service
Transtator	Apply intent to entities and utterances language service

Box 1: Speech

Custom Speech: Code-free automated machine learning for speech recognition

Speech to text is a Speech service feature that accurately transcribes spoken audio to text.

Make spoken audio actionable

Quickly and accurately transcribe audio to text in more than 100 languages and variants. Customize models to enhance accuracy for domain-specific terminology. Get more value from spoken audio by enabling search or analytics on

transcribed text or facilitating action—all in your preferred programming language.

Box 2: Language service

Add intents to your LUIS app to identify groups of questions or commands that have the same intention.

Note: Language understanding (LU) is a very centric component to enable conversational services such as bots, IoT experiences, analytics, and others. In a spoken dialog system, LU converts from the words in a sentence into a machine-

readable meaning representation, typically indicating the intent of the sentence and any present entities. For example, consider a physical fitness domain, with a dialog system embedded in a wearable device like a watch. This dialog system

could recognize intents like StartActivity and StopActivity, and could recognize entities like ActivityType. In the user input "begin a jog", the goal of LU is to identify the intent as StartActivity, and identify the entity ActivityType= "jog".

Box 3: Language service

Intent compared to entity

The intent represents the action the application should take for the user, based on the entire utterance. An utterance can have only one top-scoring intent, but it can have many entities.

Create an intent when the user's intention would trigger an action in your client application, like a call to the checkweather() function from the table above. Then create entities to represent parameters required to execute the action.

Reference: <https://azure.microsoft.com/en-us/services/cognitive-services/speech-to-text>

<https://azure.microsoft.com/en-us/blog/luis-ai-automated-machine-learning-for-custom-language-understanding/>

<https://docs.microsoft.com/en-us/azure/cognitive-services/luis/concepts/intents>

QUESTION 2

You build a machine learning model by using the automated machine learning user interface (UI). You need to ensure that the model meets the Microsoft transparency principle for responsible AI. What should you do?

- A. Set Validation type to Auto.
- B. Enable Explain best model.
- C. Set Primary metric to accuracy.
- D. Set Max concurrent iterations to 0.

Correct Answer: B

Model Explain Ability.

Most businesses run on trust and being able to open the ML "black box" helps build transparency and trust. In heavily regulated industries like healthcare and banking, it is critical to comply with regulations and best practices. One key aspect

of this is understanding the relationship between input variables (features) and model output. Knowing both the magnitude and direction of the impact each feature (feature importance) has on the predicted value helps better understand and

explain the model. With model explain ability, we enable you to understand feature importance as part of automated ML runs.

Reference:

<https://azure.microsoft.com/en-us/blog/new-automated-machine-learning-capabilities-in-azure-machine-learning-service/>

QUESTION 3

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

Object detection
Image description
Image classification
Optical character recognition (OCR)

is used to identify multiple types of items in one image.

Correct Answer:

Answer Area

Object detection
Image description
Image classification
Optical character recognition (OCR)

is used to identify multiple types of items in one image.

QUESTION 4

HOTSPOT

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

Hot Area:

Answer Area

The ability to extract subtotals and totals from a receipt is a capability of the _____ service.

Custom Vision
Form Recognizer
Ink Recognizer
Text Analytics

Correct Answer:

Answer Area

The ability to extract subtotals and totals from a receipt is a capability of the _____ service.

▼
Custom Vision
Form Recognizer
Ink Recognizer
Text Analytics

Accelerate your business processes by automating information extraction. Form Recognizer applies advanced machine learning to accurately extract text, key/value pairs, and tables from documents. With just a few samples, Form Recognizer tailors its understanding to your documents, both on-premises and in the cloud. Turn forms into usable data at a fraction of the time and cost, so you can focus more time acting on the information rather than compiling it.

Reference: <https://azure.microsoft.com/en-us/services/cognitive-services/form-recognizer/>

QUESTION 5

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Counting the number of animals in an area based on a video feed is an example of _____

▼
forecasting.
computer vision.
conversational AI.
anomaly detection.

Correct Answer:

Counting the number of animals in an area based on a video feed is an example of

	▼
forecasting.	
computer vision.	
conversational AI.	
anomaly detection.	

Reference: <https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview>

<https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/intro-to-spatial-analysis-public-preview>

[AI-900 Practice Test](#)

[AI-900 Study Guide](#)

[AI-900 Braindumps](#)