

# Latest AI-900 Exam Objectives | New AI-900 Test Tutorial



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## Prerequisites

This certification test has no official prerequisites. However, the interested candidates must develop their skills and knowledge in the domains of the exam topics. Although the individuals do not need this test to pursue more advanced Azure role-based options, they can gain extensive expertise while preparing for this exam. Your knowledge base can contribute to the success of more advanced certificates such as Microsoft Certified: Azure AI Engineer Associate or Microsoft Certified: Azure Data Scientist Associate.

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

## New AI-900 Test Tutorial, AI-900 Latest Exam Duration

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## Microsoft Azure AI Fundamentals Sample Questions (Q220-Q225):

### NEW QUESTION # 220

You are building a Conversational Language Understanding model for an e-commerce business.

You need to ensure that the model detects when utterances are outside the intended scope of the model. What should you do?

- A. Create a new model.
- B. Export the model.
- C. Create a prebuilt task entity.
- D. Add utterances to the **None intent**.

**Answer: D**

Explanation:

In Conversational Language Understanding (CLU), a core service within Azure AI Language, intents represent the goals or purposes behind user utterances (for example, "Track my order" or "Cancel my subscription"). However, in real-world scenarios, users often provide inputs that do not match any defined intent. To handle such cases gracefully, Microsoft recommends including a "None" intent that captures out-of-scope utterances - text that doesn't belong to any other intent in your model.

According to the Microsoft Learn module: "Build a Conversational Language Understanding app", the None intent serves as a catch-all or fallback category for utterances that the model should ignore or respond to with a default message (e.g., "I'm sorry, I don't understand that."). By training the model with multiple examples of irrelevant or unrelated utterances in this intent, you improve its ability to distinguish between valid and invalid user inputs.

The other options are incorrect:

- \* A. Export the model: Exporting only saves or transfers the model; it does not influence how the model detects irrelevant utterances.
- \* B. Create a new model: A new model would not inherently solve out-of-scope detection unless properly trained with a None intent.
- \* D. Create a prebuilt task entity: Entities identify specific data (like dates or products) within valid intents, not irrelevant utterances. Thus, the correct approach to ensure that your CLU model can detect utterances outside its intended scope is to add examples of unrelated or off-topic phrases to the None intent. This improves classification accuracy and prevents incorrect intent matches.

# Correct answer: C. Add utterances to the None intent

**NEW QUESTION # 221**

You need to use Azure Machine Learning designer to build a model that will predict automobile prices.

Which type of modules should you use to complete the model? To answer, drag the appropriate modules to the correct locations. Each module may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Modules**

Convert to CSV

K-Means Clustering

Linear Regression

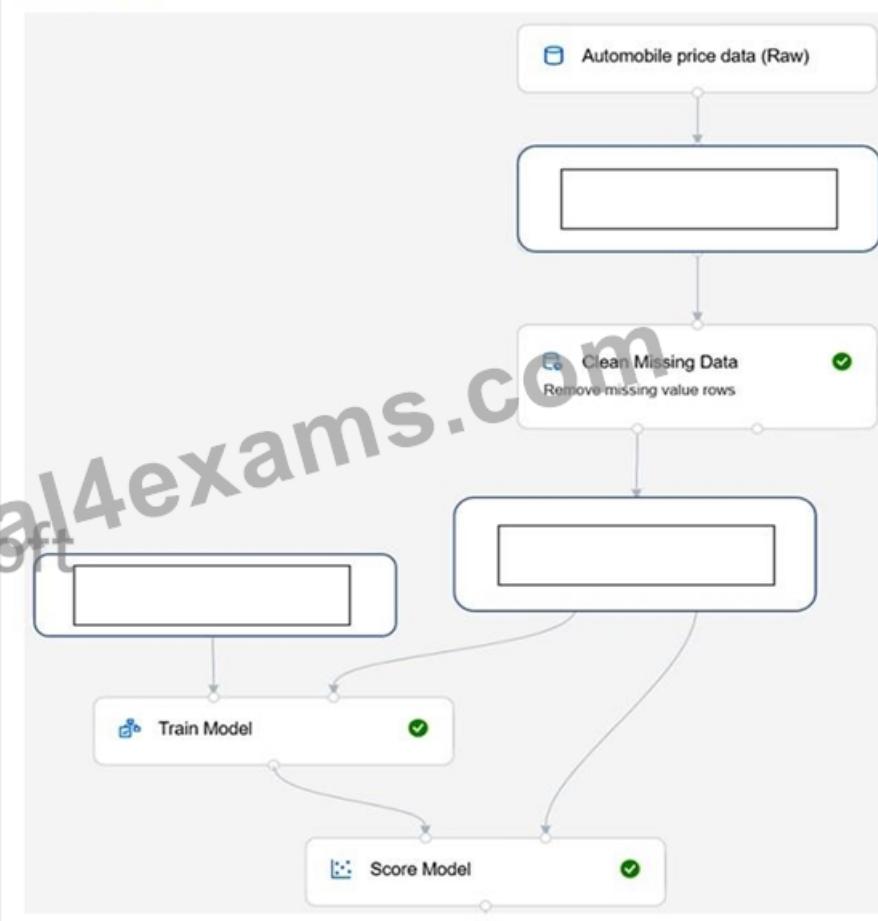
Split Data

Select Columns in Dataset

Summarize Data



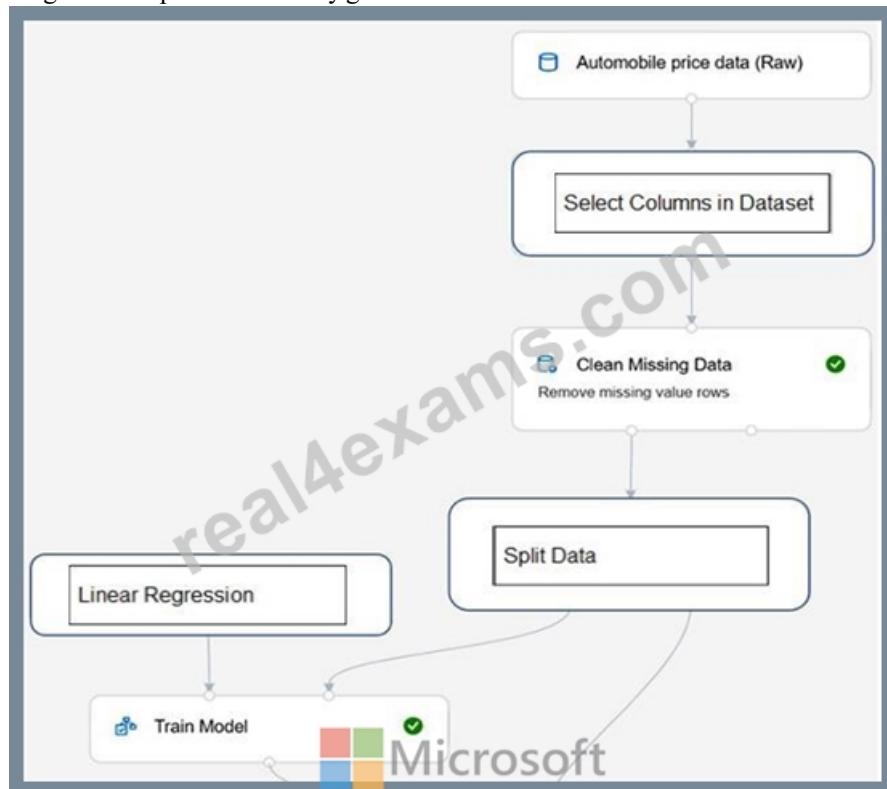
Microsoft

**Answer Area****Answer:**

Explanation:

Explanation

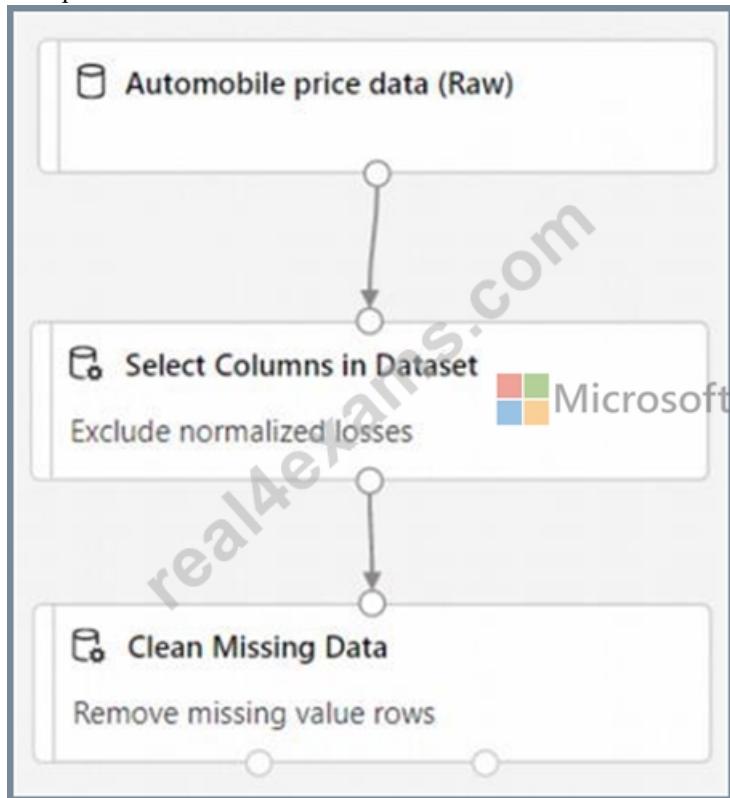
Diagram Description automatically generated



Box 1: Select Columns in Dataset

For Columns to be cleaned, choose the columns that contain the missing values you want to change. You can choose multiple columns, but you must use the same replacement method in all selected columns.

Example:



Box 2: Split data

Splitting data is a common task in machine learning. You will split your data into two separate datasets. One dataset will train the model and the other will test how well the model performed.

Box 3: Linear regression

Because you want to predict price, which is a number, you can use a regression algorithm. For this example, you use a linear regression model.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/tutorial-designer-automobile-price-train-score>

## NEW QUESTION # 222

Capturing text from images is an example of which type of AI capability?

- A. object detection
- B. text analysis
- C. optical character recognition (OCR)
- D. image description

**Answer: C**

Explanation:

The correct answer is B. Optical character recognition (OCR).

OCR is a key capability within the Computer Vision and Document Intelligence services in Azure AI that enables systems to detect and extract printed or handwritten text from images and scanned documents.

When capturing text from images, OCR technology analyzes visual patterns (shapes of letters and numbers) and converts them into machine-readable text. For example, a photo of a receipt, street sign, or printed report can be processed to extract textual content programmatically.

\* A (Text analysis): Applies to NLP tasks such as sentiment detection or key phrase extraction, not image processing.

\* C (Image description): Generates captions describing the scene or objects in an image.

\* D (Object detection): Identifies and locates objects but does not extract text.

**NEW QUESTION # 223**

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

**Answer:****Explanation:****Answer Area**

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

**NEW QUESTION # 224**

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
Monitoring online service reviews for profanities is an example of natural language processing.	<input type="radio"/>	<input type="radio"/>
Identifying brand logos in an image is an example of natural languages processing.	<input type="radio"/>	<input type="radio"/>
Monitoring public news sites for negative mentions of a product is an example of natural language processing.	<input type="radio"/>	<input type="radio"/>

**Answer:****Explanation:**

### Answer Area

Statements	Yes	No
Monitoring online service reviews for profanities is an example of natural language processing.	<input checked="" type="radio"/>	<input type="radio"/>
Identifying brand logos in an image is an example of natural languages processing.	<input type="radio"/>	<input checked="" type="radio"/>
Monitoring public news sites for negative mentions of a product is an example of natural language processing.	<input checked="" type="radio"/>	<input type="radio"/>

## Reference:

<https://azure.microsoft.com/es-es/blog/machine-assisted-text-classification-on-content-moderator-public-preview/>  
<https://docs.microsoft.com/en-us/azure/architecture/data-guide/technology-choices/natural-language-processing>

## NEW QUESTION # 225

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