



# AI-900<sup>Q&As</sup>

Microsoft Azure AI Fundamentals

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### QUESTION 1

In which two scenarios can you use the Form Recognizer service? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. Identify the retailer from a receipt
- B. Translate from French to English
- C. Extract the invoice number from an invoice
- D. Find images of products in a catalog

Correct Answer: AC

Reference: <https://docs.microsoft.com/en-us/azure/applied-ai-services/form-recognizer/overview?tabs=v2-1>

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### QUESTION 2

You need to predict the animal population of an area. Which Azure Machine Learning type should you use?

- A. regression
- B. clustering
- C. classification

Correct Answer: A

Regression is a supervised machine learning technique used to predict numeric values.

Reference: <https://docs.microsoft.com/en-us/learn/modules/create-regression-model-azure-machine-learning-designer/1-introduction>

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### QUESTION 3

#### HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:



### Answer Area

Statements	Yes	No
A validation set includes the set of input examples that will be used to train a mode.	<input type="radio"/>	<input type="radio"/>
A validation set can be used to determine how well a model predicts labels.	<input type="radio"/>	<input type="radio"/>
A validation set can be used to verify that all the training data was used to train the model.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

### Answer Area

Statements	Yes	No
A validation set includes the set of input examples that will be used to train a mode.	<input type="radio"/>	<input checked="" type="radio"/>
A validation set can be used to determine how well a model predicts labels.	<input checked="" type="radio"/>	<input type="radio"/>
A validation set can be used to verify that all the training data was used to train the model.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No

The validation dataset is different from the test dataset that is held back from the training of the model.

Box 2: Yes

A validation dataset is a sample of data that is used to give an estimate of model skill while tuning model's hyperparameters.

Box 3: No

The Test Dataset, not the validation set, used for this. The Test Dataset is a sample of data used to provide an unbiased evaluation of a final model fit on the training dataset.

Reference:

<https://machinelearningmastery.com/difference-test-validation-datasets/>



#### QUESTION 4

You need to develop a mobile app for employees to scan and store their expenses while travelling. Which type of computer vision should you use?

- A. face detection
- B. image classification
- C. object detection
- D. optical character recognition (OCR)

Correct Answer: D

You can use OCR to Turn PDF and Image Files into Electronic Documents.

Reference: <https://learn.microsoft.com/en-us/dynamics-nav-app/across-how-use-ocr-pdf-images-files>

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#### QUESTION 5

DRAG DROP

You plan to deploy an Azure Machine Learning model as a service that will be used by client applications.

Which three processes should you perform in sequence before you deploy the model? To answer, move the appropriate processes from the list of processes to the answer area and arrange them in the correct order.

Select and Place:



## Processes

- data encryption
- model retraining
- model training
- data preparation
- model evaluation

## Answer Area



Correct Answer:

## Processes

- data encryption
- model retraining
- 
- 
- 

## Answer Area

- data preparation
- model training
- model evaluation



Reference: <https://docs.microsoft.com/en-us/azure/machine-learning/concept-ml-pipelines>



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