

1. What can be used for an attendance system that can scan handwritten signatures?
 - a. Face Detection
 - b. Image Classification
 - c. Object Detection
 - d. Optical Character Recognition

Answer d - OCR is used to extract text and handwriting from image.

2. You want to create a model to predict the cost of heating an office building based on its size in square feet and the number of employees working there. What kind of machine learning problem is this?
 - a. Regression
 - b. Classification
 - c. Clustering
 - d. Logistic Regression

Answer a. Regression - A problem with continuous numeric values as prediction based on input values

3. You need to evaluate a classification model. Which metric can you use?
 - a. MSE
 - b. Precision
 - c. Silhouette

Answer b Precision

4. Which analytical task of the Azure AI Vision service returns bounding box coordinates?
 - a. Image Categorization
 - b. Object Detection
 - c. OCR
 - d. Tagging

Answer b. Object Detection identifies common objects and for each returns bounding box coordinates.

5. Which additional piece of information is included with each phrase returned by an image description task of the Azure AI Vision?
 - a. Bounding Box Coordinates
 - b. Confidence Score
 - c. Endpoint
 - d. Key

Answer b. Confidence Score

6. Which two Azure AI Document Intelligence models include identifying common data fields as part of its data extraction capabilities? Each correct answer presents a complete solution.

- a. Business Card Model
- b. General Document Model
- c. Invoice Model
- d. Layout Model
- e. Read Model

Answer A & C - The business card model analyzes and extracts key information from business card images and includes common data field extractions, such as name and email. The invoice model extracts key information from sales invoices and includes common data fields used in invoices for extraction. The read model, layout model, and general document model do not identify and extract common data fields.

7. When using the Face Detect API of the Azure AI Face service, which feature helps identify whether a human face has glasses or headwear?

- a. Face attributes
- b. Face ID
- c. Face Landmarks
- d. Face Rectangle

Answer a - Face attributes are set of features that can be detected by the Face Detect API.

8. When using the Azure AI Face service, what should you use to perform one-to-many or one-to-one face matching? Each correct answer presents a complete solution.

- a. Custom Vision
- b. Face Attributes
- c. Face Identification
- d. Face Verification
- e. Find Similar Faces

Answer c and d

9. Which service can you use to train an image classification model?

- a. Azure AI Vision
- b. Azure AI Custom Vision
- c. Azure AI Face
- d. Azure AI Language

Answer B - Azure AI Custom Vision is an image recognition service that allows users to build and deploy their custom image models.

10. You need to identify numerical values that represent the probability of humans developing diabetes based on age and body fat percentage. Which type of machine learning model should you use?

- a. Hierarchical Clustering
- b. Linear Regression
- c. Logistic Regression
- d. Multiple Linear Regression

Answer c - Logistic Regression is a type of classification model that returns either a Boolean value or a categorical decision.

11. Which type machine learning algorithm predicts a numeric label associated with an item based on that item's features?

- a. Classification
- b. Clustering
- c. Regression
- d. Unsupervised

Answer c. Regression algorithm are used to predict numeric values.

12. Which type of machine learning algorithm groups observations is based on the similarities of features?

- a. Classification
- b. Clustering
- c. Regression
- d. Supervised

Answer b - Clustering group data points that have similar characteristics.

13. Which type of machine learning algorithm assigns items to a set of predefined categories?

- a. Classification
- b. Clustering
- c. Regression
- d. Unsupervised

Answer a - Classification algorithm are used to predict a predefined category to an input value belongs.

14. A healthcare organization has a dataset consisting of bone fracture scans that are categorized by using predefined fracture types. The organization wants to use machine learning to detect the different types of bone fractures for new scans before the scans are sent to a medical practitioner.

Which type of machine learning is this?

- a. Classification
- b. Clustering
- c. Featurization
- d. Regression

Answer a - Use PoE

15. Which assumption of the multiple linear regression model should be satisfied to avoid misleading predictions?

- a. Features are dependent on each other
- b. Features are independent of each other
- c. Labels are dependent on each other
- d. Labels are independent of each other

Answer b. Multiple linear regression models the relationship between several features and a single label. The features must be independent of each other, otherwise, the model's predictions will be misleading.

16. A company is using machine learning to predict house prices based on appropriate house attributes. For the machine learning model, which attribute is the label?

- a. Age of The House
- b. Price Of The House
- c. Number of Bedrooms
- d. Floor Space of Size

Answer b. Recall that labels are the output

17. You need to create an automated machine learning (automated ML) model. Which resource should you create first in Azure Machine Learning studio?

- a. A Dataset
- b. A workspace
- c. An Azure Container Instance
- d. An Azure Kubernetes Service Cluster

Answer a A dataset is required to create an automated machine learning (automated ML) run. A workspace must be created before you can access Machine Learning studio. An Azure container instance and an AKS cluster can be created as a deployment target, after training of a model is complete.

18. You need to use Azure Machine Learning to train a regression model.

What should you create in Machine Learning studio?

- a. A workspace
- b. A job
- c. An Azure Container Instance
- d. An AKS Cluster

Answer b Machine Learning studio to use Machine Learning to train a regression model.

19. You need to use the Azure Machine Learning designer to deploy a predictive service from a newly trained model. What should you do first in the Machine Learning designer?

- a. Add a dataset
- b. Add a training module
- c. Create an inference pipeline
- d. Create an inference cluster

Answer c

20. Which type of artificial intelligence (AI) workload provides the ability to classify individual pixels in an image depending on the object that they represent?

- a. Image Analysis
- b. Image Classification
- c. Object Detection
- d. Semantic Segmentation

Answer d

21. You are exploring solutions to improve the document search and indexing service for employees. You need an artificial intelligence (AI) search solution that will include searching text in various types of documents, such as images.

Which type of AI workload is this?

- a. Semantic Segmentation
- b. Computer Vision
- c. Conversational AI
- d. Data Mining

Answer d. Data Mining

22. Which principle of responsible artificial intelligence (AI) plays the primary role when implementing an AI solution that meet qualifications for business loan approvals?

- a. Accountability
- b. Fairness
- c. Inclusiveness
- d. Safety

Answer b. Fairness is meant to ensure that AI models do not unintentionally incorporate a bias based on criteria such as gender or ethnicity.

23. Select the word to complete the sentence - (Blank) can search, classify, and compare sources of text for similarity.

- a. Embeddings
- b. Token

Answer a - Embedding

24. In deep learning, what is the purpose of a loss function?

- a. To remove data from which no known label values are provided
- b. To evaluate the aggregate difference between predicted and actual label values
- c. To calculate the cost of training a NN rather than a statistical model

Answer b

25. What does automated machine learning in Azure Machine Learning enable you to do?

- a. Automatically deploy new versions of a model as they're trained
- b. Automatically provision Azure Machine Learning workspaces for new data scientists in an organisation
- c. Automatically run multiple training jobs using different algorithms and parameters to find the best model

Answer c

26. An application requires three separate AI services. To see the cost for each separately, what type of resource(s) should be created?

- a. A multi-service resource that includes all the AI services
- b. A single-service resource for each AI service
- c. It's not possible to see costs for individual AI services

Answer b.

27. After logging into one of the Azure studios, what is one task to complete to begin using the studio?
- a. Input a key and endpoint into the studio
 - b. Customize the API request.
 - c. Associate a resource with the studio

Answer c

28. What is an AI service resource?
- a. A bundle of several AI services in one resource
 - b. An AI service to recognize faces
 - c. A single-service resource for Azure AI Search

Answer a

29. Computer vision is based on the manipulation and analysis of what kinds of values in an image?
- a. Timestamps
 - b. Pixels
 - c. Image file names

Answer b

30. You want to use the Azure AI Vision service to identify the location of individual items in an image. Which of the following features should you retrieve?
- a. Objects
 - b. Visual Tags
 - c. Dense Captions

Answer a

31. How does the Face service indicate the location of faces in images?
- a. A pair of coordinates for each face, indicating the center of the face
 - b. Two pairs of coordinates for each face, indicating the location of the eyes
 - c. A set of coordinates for each face, defining a rectangular bounding box around the face

Answer c

32. You plan to use Azure AI Vision's Read API. What results can the Read API provide?
- a. Results arranged in pages, lines, and words
 - b. Only the bounding box coordinates
 - c. Results arranged by pages that have photographs first, then pages that exclusively have text

Answer a

33. When might you see NaN returned for a score in language detection?
- a. When the score calculated by the service is outside the range of 0 to 1
 - b. When the predominant language in the text is mixed with other languages
 - c. When the language is ambiguous

Answer c

34. You need to provision an Azure resource that will be used to author a new conversational language understanding application. What kind of resource should you create?
- a. Azure AI Speech
 - b. Azure AI Language
 - c. Azure AI Services

Answer b

35. You have published your conversational language understanding application. What information does a client application developer need to get predictions from it?
- a. The endpoint and key for the application's prediction resource
 - b. The endpoint and key for the application's authoring resource
 - c. The Azure credentials of the user who published the language understanding application

Answer a.

36. What is required to use the receipt analyzer service in Azure AI Document Intelligence?
- a. Train the model on sample receipts from your organisation.
 - b. Create an Azure AI Document Intelligence resource.
 - c. Nothing - receipt analyzer is available once you create an Azure subscription.

Answer b

37. Which explanation best describes an indexer and an index?
- a. An indexer converts documents into JSON and forwards them to a search engine for indexing.
 - b. An indexer can be used instead of an index if the files are already in the proper format.
 - c. An indexer is only used for AI enrichment and skillset execution.

Answer a

38. How are ChatGPT, OpenAI, and Azure OpenAI related?
- a. Azure OpenAI is Microsoft's version of ChatGPT, a chatbot that uses generative AI models.
 - b. ChatGPT and OpenAI are chatbots that generate natural language, code, and images. Azure OpenAI provides access to these two chatbots.
 - c. OpenAI is a research company that developed ChatGPT, a chatbot that uses generative AI models. Azure OpenAI provides access to many of OpenAI's AI models

Answer c

39. What is one action Microsoft takes to support ethical AI practices in Azure OpenAI?
- a. Provides Transparency Notes that share how technology is built and asks users to consider its implications.
 - b. Logs users out of Azure OpenAI Studio after a period of inactivity to ensure it's only used by one user.
 - c. Allows users to build any application, regardless of harmful effects, to ensure fairness.

Answer a.

40. Why should you consider creating an AI Impact Assessment when designing a generative AI solution?
- a. To make a legal case that indemnifies you from responsibility for harms caused by the solution
 - b. To document the purpose, expected use, and potential harms for the solution
 - c. To evaluate the cost of cloud services required to implement your solution

Answer b

41. What is the primary function of transformers in natural language processing (NLP)?
- a. Encoding language tokens as vector-based embeddings
 - b. Removing noise from textual data
 - c. Generating image captions

Answer a.

42. You are testing a machine learning model. How should you split data for training and evaluation?
- a. Use features for training and labels for evaluation
 - b. Randomly split the data into some rows and the remaining for validation
 - c. Use labels for training and feature for evaluation
 - d. Randomly split the data into columns for training and columns for evaluation

Answer b

43. Which responsible AI matches the following description: Implementing process to ensure that the AI system can be overridden by human
- a. Fairness
 - b. Accountability
 - c. Reliability and safety
 - d. Privacy and security

Answer b

44. Which responsible AI matches the following description: Ensure that the AI system operates as they were originally designed, respond to unanticipated conditions, and resist harmful manipulations.

- a. Fairness
- b. Accountability
- c. Reliability and safety
- d. Privacy and security

Answer c

45. You are creating a bot using Azure Bot Service with QnA Maker as its knowledge base. Which of the statements is true regarding about communication channels?

- a. A web chat channel is automatically created for you when you create a bot
- b. It is possible to send message to and receive messages from a bot service using Microsoft Team
- c. Communicating with a bot service through an email channel is not supported
- d. A bot service can be associated with only one communication channel

Answer A and B

46. You plan to deploy an Azure Machine Learning model as a service that will be used by client applications. Which three process should you perform in sequence before you deploy the model?

- a. Data encryption
- b. Model Retraining
- c. Data Preparation
- d. Model Training
- e. Model Evaluation

Answer C, D, and E

47. When setting up an Azure AutoML experiment, which of the following configuration values are specified for the experiment? (Two answers)

- a. A primary metric used to compare the results of individual experimental runs
- b. A list of blocked algorithms that should be excluded from training runs
- c. The hostname where the best model from experimental runs should be deployed
- d. The maximum time allowed to run all experimental runs

Answer A and B

48. (Fill in the blank) - Data values that influence the prediction of a model are called (blank).

- a. Dependent Variables
- b. Features
- c. Identifiers
- d. Labels

Answer b. Features

49. You would like to have your web chatbot application support speech output. Which of the following channels would you need to configure for your bot service?

- a. Direct Line Channel
- b. Custom Channel
- c. Voice Channel
- d. Speech Channel

Answer A

50. You have a Predicted vs. True Chart. Which type of model is applied to evaluate?

- a. Classification
- b. Regression
- c. Clustering

Answer B

51. Which type of machine learning should you use to predict the number of gift cards that will be sold next month?

- a. Classification
- b. Regression
- c. Clustering

Answer B - Regression refers to prediction of a numeric target

52. Select two true statements - Which of the following statements best describes the characteristic of a classification model in Azure Machine Learning?

- a. Classification algorithm use labeled training data to build a model and predict the category (class) of yet unseen data items
- b. Classification algorithm are an example of unsupervised machine learning
- c. Classification algorithms take unlabeled data and groups data into two or more categories (classes)
- d. Classification algorithm can predict both binary and multi-class classification

Answer A and D

Classification is a supervised example and based on PoE it gives out A and D.

53. 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 a feature?

- a. The number of taxi journey in the dataset
- b. The trip distance of individual taxi journey
- c. The fare of individual taxi journey
- d. The trip ID of individual Taxi Journeys

Answer B - The identified features are the input, thus, from PoE we have b

54. You need to predict the sea level in meters for the next 10 years. Which type of machine learning should you use?

- a. Classification
- b. Regression
- c. Clustering

Answer B - Regression refers to prediction of a numeric target.

55. What key piece of information do you need to call your QnA Maker Service from a client application?

- a. The REST endpoint URL for your QnA Maker Service
- b. The globally unique QnA Maker Application Name
- c. The hostname for the machine hosting your QnA Maker Service
- d. The region where your QnA Maker Service is deployed

Answer A - After setting up and training QnA maker you will need REST endpoint URL for the service

56. True or False - Automated machine learning enables developers to specify a dataset and will automatically understand which label to predict?

- a. True
- b. False

Answer b. False - Apply automated ML when you want Azure Machine Learning to train and tune a model for you using the target metric you specify

57. (Fill in the blank) - A banking system that predicts whether a loan will be repaid is an example of a (blank) type of machine learning.

- a. Classification
- b. Regression
- c. Clustering

Answer a. Classification - Since this categorizes as yes or no, from PoE we see it as classification

58. (Fill in the blank) (BLANK) occurs when a model matches training data so closely that it does not generalize well to other data

- a. Underfitting
- b. Overfitting
- c. Drift
- d. Root Mean Squared Error

Answer b - Overfitting

59. (TRUE or FALSE) Labeling is the process of tagging data with known values.

Answer TRUE

60. (TRUE or FALSE) Accuracy is the primary metric used to measure a model's performance.

Answer FALSE

61. Which service should you use to extract text, key/value pairs, and table data from scanned documents?

- a. Form Recognizer
- b. Text Analytics
- c. Language Understanding
- d. Custom Vision

Answer a. Form Recognizer applies advanced ML to accurately extract information from scanned documents.

62. (FILL IN THE BLANK) The ability to extract subtotals and totals from a receipt is a capability of (BLANK) service.

- a. Custom Vision
- b. Form Recognizer
- c. Ink Recognizer
- d. Text Analytics

Answer b

63. You use Azure Machine Learning designer to publish an inference pipeline. Which two parameters should you use to access the web service?

- a. The Model Name
- b. The Training Endpoint
- c. The Authentication Key
- d. The REST endpoint

Answer C and D - Recall what is need to consume a Pipeline

64. (Two Choice) Which of the following are supported by the Azure Text Analytics API?

- a. Language Detection
- b. OCR
- c. Named Entity Recognition
- d. Text To Speech Service
- e. Text Identification in an image

Answer A and C

65. Which service should a user deploy a model to from Azure Machine Learning Model, if they want to deploy a real time inference pipeline as a service for others to consume?

- a. A local web service
- b. Azure Container Service
- c. Azure Kubernetes Service (AKS)
- d. Azure Machine Learning compute

Answer C - To perform real time inference, models must be deployed as a real time endpoint, thus, Azure Kubernetes Service cluster is used.

66. (Fill In The Blank) - Predicting how many hours of overtime a delivery person will work based on the number of ordered received is an example of (BLANK).

- a. Classification
- b. Clustering
- c. Regression

Answer C. Regression because this refers to a prediction of a numeric target.

67. Suppose you have a dataset that includes, Household Income, Postal Code, and House Price Category. You plan to use the dataset to train a model that will predict the house price categories of houses. What are Household Income and House Price Category?

Answer - Household Income is the feature and house price category is the label.

68. Which of the following does the Azure Machine Learning designer let users create?
- a. Adding and connecting modules on a visual canvas
 - b. Automatically performing common data preparation tasks
 - c. Automatically selecting an algorithm to build most accurate model
 - d. Using a code first notebook experience

Answer A

69. You are working on an application that uses Azure Machine Learning to predict the correct medication and dosage for a patient based on their symptoms. The application must undergo rigorous testing and validation before product launch to ensure patients are given the proper medication. Which responsible AI practice is addressed with proper testing and validation?
- a. Reliability and safety
 - b. Continuous Improvement
 - c. Accountability
 - d. Inclusiveness

Answer a - Properly testing and validating an AI product will ensure that it performs reliably and safely.

70. TRUE or FALSE - Automated machine learning provides user with the ability to include custom Python scripts in a training pipeline.

Answer - FALSE

71. TRUE or FALSE - Automated machine learning provides you with the ability to visually connect datasets and modules on an interactive canvas.

Answer - FALSE

72. A medical research project uses a large anonymized dataset of brain scan images that are categorized into predefined hemorrhage type. Which machine learning can be applied?
- a. Clustering
 - b. Regression
 - c. Classification

Answer c. Classification

73. Which Azure Machine Learning feature offers the ability to build and deploy no code predictive models by using a drag-and-drop interface?

- A. Azure Machine Learning Designer
- B. Azure Automated ML
- C. Text Analytics
- D. QnA Maker

Answer A

74. When training a model, why should you randomly split the rows into separate subsets?

- a. To train the model twice to attain better accuracy
- b. To train multiple models simultaneously to attain better performance
- c. To test the model by using data that was not used to train the model

Answer C

75. Suppose you have a dataset with the following information: First Name, Last Name, Age, Education Level, and Income Range. Which two fields should users use as features?

- a. Education Level
- b. Last Name
- c. Age
- d. Income Range
- e. First Name

Answer - A and C

76. Which of the following application features use NLP? (Choose two answers)

- a. Analyze written text and highlight key phrases
- b. Translate text from one language to another
- c. Translate a handwritten note contained in an image into text
- d. Locate text that is included in an image

Answer A and B - Other two features describe OCR.

77. You are building a tool that will process images from retail stores and identify the products of competitors. The solution will use a custom model. Which Azure Cognitive Services service should you use?

- a. Custom vision
- b. Form Recognizer
- c. Face
- d. Computer Vision

Answer A

78. TRUE or FALSE - Predicting whether a person will develop allergy symptoms based on pollen count is an example of clustering.

Answer FALSE - This is an example of Regression.

79. (TWO CHOICE) Which statements about Azure AutoML are true?

- a. AutoML is used to automatically select the best machine learning algorithm for the dataset
- b. Users can choose to either use Python SDK or no code user interface to build an AutoML experiment
- c. In order to use AutoML, developers must have a strong understanding of various machine learning algorithm
- d. An AutoML will not perform train test split operation

Answer A and B

80. TRUE or FALSE - Validation set can be used to verify that all the training data was used to train the model.

Answer FALSE - The following description describes a test dataset.

81. What are two metrics that can be used to evaluate a regression model?

- a. R2 (Coefficient of Determination)
- b. F1 Score
- c. Root Mean Squared Error (RMSE)
- d. Area Under The Curve
- e. Balanced Accuracy

Answer A and C - F1, AuC, and Accuracy is used by classification models.

82. You are using Azure Machine Learning designer to train and evaluate a machine learning model. You cannot find a built in module to complete a data transformation step needed to complete your workflow.

Which of the following options is the best choice for you to complete the required data transformation?

- a. Use the Execute Python Script with custom Python code written to perform the data transformation
- b. Use Azure AutoML instead of Azure Machine Learning Designer
- c. Cleanse and transform the training data before importing into Azure Machine Learning designer
- d. Build your training model using the Azure Machine Learning APIs instead of Azure Machine Learning designer

Answer A - In situations where custom code is needed, users can use Python and R.

83. FILL IN THE BLANK - Predicting how many vehicles will travel across a bridge on a given day is an example of (BLANK).

- a. Classification
- b. Clustering
- c. Regression

Answer C - Regression is a ML task that is used to predict the value of the label from a set of related features

84. Which metric can be used to evaluate a classification model?

- a. True Positive Rate
- b. Mean Absolute Error (MAE)
- c. Coefficient Of Determination (R2)
- d. Root Mean Squared

Answer A - Other examples include: Accuracy, Precision, Recall, F1 Score, ROC curve

85. You work for an analytics company and are working on an application to detect credit card fraud. You want to create a model to predict whether or not a particular credit card transaction is fraudulent. You have historical data to build your model. Which Azure Service should you use to build this model?

- a. Azure Machine Learning
- b. Anomaly Detection
- c. Text Analytics
- d. Form Recognizer

Answer A - Since the scenario requires a custom solution.

86. Which two components can you drag onto a canvas in Azure Machine Learning designer. Each correct answer presents a complete solution.

- a. Dataset
- b. Compute
- c. Pipeline
- d. Module

Answer A and D

87. You created a ML model by using automated ML UI. You need to ensure that the model meets the Microsoft Transparency Principle For Responsible AI. What should you do?

- a. Set validation to Auto
- b. Enable Explain Best Model
- c. Set Primary Metric To Accuracy
- d. Set Max concurrent iterations to 0

Answer B - Knowing the behind the scenes reasoning connects to transparency.

88. Which of the following are examples of data transformation modules available in Azure ML designer (select two)?

- a. Split Data
- b. Clean Missing Data
- c. Import Data
- d. Dataset

Answer A and B

89. You are working on an application that supports an automation line in a factory. Several sensors provide data about equipment health and you would like to use this data in real time to identify potential line issues quickly. Which Azure Cognitive Service would you use?

- a. Anomaly Detector
- b. Azure Monitor
- c. Form Recognizer
- d. Azure Auto ML

Answer A.

90. You are using Azure ML to develop a machine learning model to predict fuel efficiency (miles/gallon) for automobiles manufactured between 2000 and 2010. Which machine learning algorithm would be the best choice for building this model?

- a. Regression
- b. Classification
- c. Clustering
- d. Reinforcement Learning

Answer A - The goal here is to predict a continuous value - fuel efficiency.

91. You are training an Azure LUIS model, and you plan to use it with an interactive application that responds to user questions/commands. What is the term used to describe what the user might say to the application, in this case asking about the temperature in Boston?

- a. Utterance
- b. Entity
- c. Intent
- d. Key Phrase

Answer A - Utterance is used to describe the user's question or command that is the input sent to LUIS endpoint for analysis.

92. You are working on an application that uses computer vision to identify unwanted plant species growing alongside crops in farmer's fields. Which Azure Cognitive Service is the best choice to help you train your image classification model.

- a. Custom Vision
- b. Computer Vision
- c. Anomaly Detector
- d. Azure Machine Learning Clustering Analysis

Answer A

93. You have been given a data set that is unlabeled and includes detailed customer info. You would like to use Azure Machine Learning to uncover data patterns and groupings. Which ML algo is the best choice?

- a. Clustering
- b. Classification
- c. Regression
- d. Reinforcement Learning

Answer A - keyword is unlabeled and groupings

94. You are writing an app that analyzes customer product reviews and flags reviews that have a negative sentiment. Which Azure Cognitive Service would you use to provide sentiment analysis and mark text as positive, negative, or neutral?

- a. Text Analytics API
- b. Language Understanding (LUIS)
- c. Speech Translation
- d. Content Moderator

Answer A - Has the ability to take input text document and read it to meet the given purpose.

95. What are Microsoft's guiding principles for responsible AI?

Answer Inclusiveness, Reliability and Safety, Privacy and Security, Transparency, Accessibility, and Accountability

96. (FILL IN THE BLANK) - Returning a bounding box that indicates the location of a vehicle in an image is an example of (BLANK).

- a. Image Classification
- b. Object Detection
- c. OCR
- d. Semantic Segmentation

Answer B

97. Which learning type is appropriate for the given scenario: Segment customers into different groups to support a marketing department.

- a. Classification
- b. Clustering
- c. Regression

Answer B Clustering

98. Fill In the Blank - (BLANK) is the calculated probability of a correct image classification.

- a. Accuracy
- b. Confidence
- c. Root Mean Square Error
- d. Sentiment

Answer A

99. Using Azure ML designer, you have just developed and deployed a ML model to predict a used car's price, given key pieces of information about the car. You are now ready to call the deployed model for predictions from an application you are building. What information do you need to make a price prediction using the deployed model? (TWO CHOICES)

- a. The REST endpoint URL for the deployed model
- b. Authentication Key
- c. Resource Group ID
- d. Inference Cluster Name

Answer A and B

100. (Fill In The Blank) - Ensuring an AI system does not provide a prediction when an important fields contains unusual or missing value is (BLANK) principle for responsible AI.

- a. Inclusiveness
- b. Privacy And Security
- c. Reliability and Safety
- d. Transparency

Answer - C

101. Which statement about Azure Speech Services capabilities are true? (Choose 2 answers)

- a. The Speech To Text service cannot recognize or moderate profanity in an input audio file
- b. The Speech To Text API provides a batch transcript API that can be used to batch process
- c. When using the Text to Speech API you can configure speech settings such as speed and volume
- d. Speech Translation is available through SDK and Rest API

Answer B and C

102. (Fill in the blank) - Ensuring that the numeric variables in training data on a similar scale is an example of (BLANK).

- a. Data Ingestion
- b. Feature Engineering
- c. Feature Selection
- d. Model Training

Answer C - Feature Selection

103. (Fill In The Blank) In terms of Azure Machine Learning, (blank) is a workflow you build to manage the data and modules used to train and evaluate a machine learning model.

- a. Pipeline
- b. Experiment
- c. Jupyter Notebook
- d. Workspace

Answer A

104. (Fill In The Blank) Assigning classes to image before training a classification model is an example of (BLANK).

- a. Evaluation
- b. Feature Engineering
- c. Hyperparameter Tuning
- d. Labeling

Answer d - Labeling