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- a-: It can handle missing values in the dataset.
- b-: It works well with high-dimensional data.
- c-: It is easy to interpret and visualize the results.
- d-: It can capture nonlinear relationships between variables.

Ans: c-: It is easy to interpret and visualize the results.

93. Ques: In the context of model building, what does the term "overfitting" mean?

- a-: The model is too complex and performs well on training data but poorly on unseen data.
- b-: The model is too simple and does not capture the underlying patterns in the data.
- c-: The model is well-balanced and performs equally well on training and testing data.
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94. Ques: Which evaluation metric is used to assess the performance of a classification model?

- a-: Mean Absolute Error (MAE)
- b-: Root Mean Squared Error (RMSE)
- c-: F1 score
- d-: R-squared (R2)

Ans: c-: F1 score

95. Ques: What is the primary purpose of logistic regression in data mining?

- a-: To predict numerical values for a continuous outcome variable.
- b-: To classify data into two or more discrete categories.
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Ans: b-: To classify data into two or more discrete categories.

96. Ques: Which data mining technique is used for unsupervised learning to group similar data points together?

- a-: Decision Tree
- b-: K-Nearest Neighbors (K-NN)

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d-: Cluster Analysis

Ans: d-: Cluster Analysis

97. Ques: In multiple linear regression, how many independent variables can be used to predict the dependent variable?

a-: One

b-: Two

c-: Three

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Ans: d-: Any number

98. Ques: Which data mining technique is used for classification tasks where the target variable has more than two categories?

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