

FLIP ROBO TECHNOLOGIES

MCQ(ques on and their answer)

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41) Among the following identify the one in which dimensionality reduction reduces.

- a) Performance
- b) statistics
- c) Entropy
- d) Collinearity

Answer 41: a) Performance

42) Which of the following machine learning algorithm is based upon the idea of bagging? a)

Decision Tree

- b) Random Forest
- c) Classification
- d) SVM

Answer 42: b) Random Forest

43) Choose a disadvantage of decision trees among the following.

- a) Decision tree robust to outliers
- b) Factor analysis
- c) Decision Tree are prone to overfit
- d) all of the above

Answer 43: c) Decision Tree are prone to overfit

44) What is the term known as on which the machine learning algorithms build a model based on sample data?

- a) Data Training
- b) Sample Data
- c) Training data
- d) None of the above

Answer 44: b) Sample Data

45) Which of the following machine learning techniques helps in detecting the outliers in data? a)

Clustering

- b) Classification
- c) Anomaly detection
- d) All of the above

Answer 45: d) All of the above

46) Identify the incorrect numerical functions in the various function representation of machine learning. a)
Support Vector

- b) Regression
- c) Case based
- d) Classification

Answer 46: c) Case based

47) Analysis of ML algorithm needs

- a. Statistical learning theory
- b. Computational learning theory
- c. None of the above
- d. Both a and b

Answer 47: d. Both a and b

48) Identify the difficulties with the k-nearest neighbor algorithm.

- a) Curse of dimensionality
- b) Calculate the distance of test case for all training cases
- c) Both a and b
- d) None

Answer 48: d) None

49) The total types of the layer in radial basis function neural networks is _____ a)

- 1
- b) 2
- c) 3
- d) 4

Answer 49: C) 3

50) Which of the following is not a supervised learning

- a) PCA
- b) Naïve bayes
- c) Linear regression
- d) KMeans

Answer 50: a) PCA