

41)

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

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

Ans - D

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

Ans - B

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

Ans - C

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

Ans - C

45)

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

- a) Clustering
- b) Classification
- c) Anamoly detection
- d) All of the above

Ans - C

46)

Identify the incorrect numerical functions in the various function representation of machine learning.

- e) Support Vector
- f) Regression
- g) Case based
- h) Classification

Ans - g

47)

Analysis of ML algorithm needs

- i) Statistical learning theory
- j) Computational learning theory
- k) None of the above
- l) Both a and b

Ans- l

48)

Identify the difficulties with the k-nearest neighbor algorithm.

- m) Curse of dimensionality
- n) Calculate the distance of test case for all training cases
- o) Both a and b
- p) None

Ans - o

49)

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

- q) 1
- r) 2
- s) 3
- t) 4

Ans - S

50)

Which of the following is not a supervised learning

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

Ans - d