

MACHINE LEARNING ASSIGNMENT-3

Answer of Q1 - (D) All of the above

Answer of Q2 - (D) None

Answer of Q3 - (C) Reinforcement learning and Unsupervised learning

Answer of Q4 - (B) The tree representing how close the data points are to each other

Answer of Q5 - (D) None

Answer of Q6 - (C) k-nearest neighbor is same as k-means

Answer of Q7 - (D) 1 ,2 and 3

Answer of Q8 - (i) 1 only

Answer of Q9 - (A) 2

Answer of Q10 - (C) Predicting whether stock price of a company will increase tomorrow

Answer of Q11 - (A)

Answer of Q12- (B)

Answer of Q13

Clustering provides failover support in two ways: Load redistribution: When a node fails, the work for which it is responsible is directed to another node or set of nodes. Request recovery: When a node fails, the system attempts to reconnect Micro Strategy Web users with queued or processing requests to another node.

Answer of Q14

Clustering performance can easily be improved by applying ICA blind source separation during the graph Laplacian embedding step. Applying unsupervised feature learning to input data using either RICA or SFT, improves clustering performance.