WORKSHEET_3_ML

1. d. All of the above
2. d. None
3. c. Reinforcement learning and Unsupervised learning
4. b. The tree representing how close the data points are to each other
5. d. None
6. c. k-nearest neighbour is same as k-means
7. d. 1, 2 and 3
8. a. 1 only
9. a. 2
10. a.Given sales data from a large number of products in a supermarket, estimate future sales for each of these products.
11. A
12. B
13. Cluster analysis is the grouping of objects such that objects in the same cluster are more similar to each other than they are to objects in another cluster. The classification into clusters is done using criteria such as smallest distances, density of data points, graphs, or various statistical distributions.
14. Multiple machines provide greater processing power. Greater scalability: As your user base grows and report complexity increases, your resources can grow. Simplified management: Clustering simplifies the management of large or rapidly growing systems.