Machine Learning

1. Biological Network analysis

2. None

3. Reinforcement Learning and UnSupervised Learning

4. All of the above

5. A distance metrics

6. K-nearest neighbor is same as k means

7. 1,2and 3

8. 1 only

9. 2

10.   Predicting whether stock price of a company will increase tomorrow.

11.   A

12.   B

13.   Clustering Importance

Clustering helps in understanding the natural grouping in a dataset. It is used in data analysis and data mining process. It is done by grouping a set of objects so that objects in the same group are more similar to each other than to those in other groups.

14.   K-means clustering algorithm can be significantly improved by using a better initialization technique, and by re-starting the algorithm. When the data has overlapping

clusters, k-means can improve the results of the initialization technique.