

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. K-nearest neighbors is same as k-means
7. D)1, 2 and 3
8. A) 1 only
9. C) 3
- 10.
11. A)
12. B)
13. Clustering is of high importance in data mining and data analysis. It can be defined as the task of grouping a set of objects in the same group are more similar to each other than to those in other groups.
14. Clustering performance can be improved by performing k-means clustering on the ICA components after PCA dimension reduction on the input data.