

MACHINE LEARNING

1. B
2. D
3. D
4. A
5. B
6. D
7. D
8. B
9. A
10. A
11. D
12. A

13. How is cluster analysis calculated?

Answer: To make the clusters, we start by measuring the distance from each data point to each of the 3 centroids. And we assign the points to the cluster closest to it.

14. How is cluster quality measured?

Answer: To measure the quality of a clustering, we can use the average silhouette coefficient value of all objects in the data set.

15. What is a cluster analysis and it's type?

Answer: Cluster analysis is a multivariate data mining technique whose goal is to groups objects (eg., products, respondents, or other entities) based on a set of user selected characteristics or attributes.

Types of Clustering

Centroid-based Clustering.

Density-based Clustering.

Distribution-based Clustering.

Hierarchical Clustering.