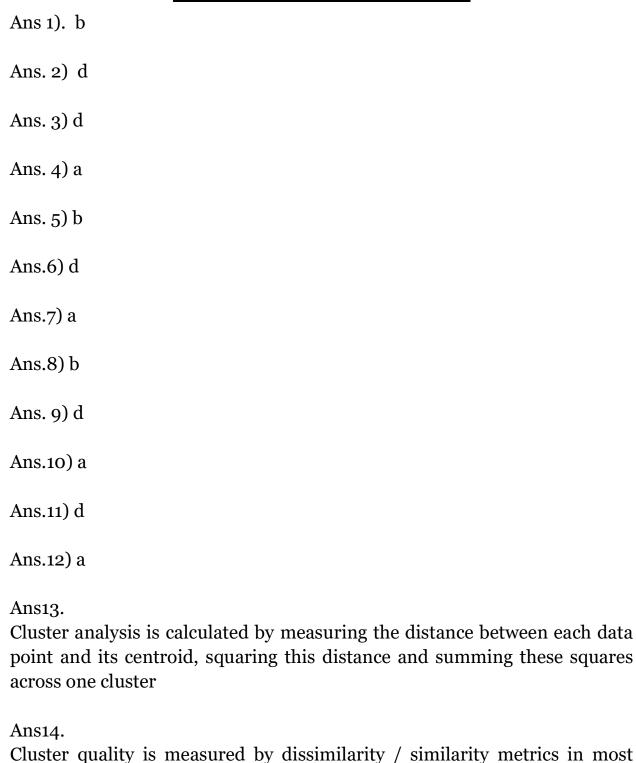
MACHINE LEARNING



situation, but there are various other methods to measure the quality of

good clustering

- 1. Dissimilarity / similarity metrics
- 2. Cluster completeness
- 3. Ragbag
- 4. mall cluster preservation

Ans15.)

Cluster analysis is a multivariate data mining technique whose goal is to groups objects based on a set of user selected characteristics or attributes. It is the basic and most import step of data mining and a common technique for statistical data analysis and it is used in many fields such as data compression, machine learning, pattern recognition, information retrieval etc.

Various types of cluster analysis are as follows:-

- a). Hierarchical cluster analysis
- b). Centroid based clustering
- c). Distribution based clustering
- d). Density based clustering

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