machine Learning

1.D
2.D
3.a
4.B
5.D
6.D
7.D
8.A
9.a
10.b
11.a
12.B
13.
Clustering is the process of grouping data items that are "similar" between them, and "dissimilar" to data items in other clusters.
Clustering separates datasets into many clusters of similar ones and finding out grouping in data automatically.
So, the main purpose of clustering is to separate groups with similar behaviors and combine them together into diverse clusters.

14.
Clustering analysis is one of the main analytical methods in data mining. K-means is the most popular and
partition based clustering algorithm. But it is computationally expensive and the quality of resulting clusters heavily depends on the selection of initial centroid and the dimension of the data