MACHINE LEARNING WORKSHEET 1

Q1 to Q12

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

Q13 to Q15

13. The hierarchical cluster analysis follows three basic steps: 1) calculate the distances, 2) link the clusters, and 3) choose a solution by selecting the right number of clusters. First, we have to select the variables upon which we base our clusters.

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

15. 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