1. (c) 6

2. (d) 1,2,4

3. (d) formulating the clustering problem

4. (a) Euclidean distance

5. (b) Divisive clustering

6. (d) all answers were correct

7. (a) divide the data points into group

8. (b) Unsupervised learning

9. (d) All of the above

10. (a) K-Means clustering algorithm

11. (d) All of the above

12. (a) labeled data

13. intro- clustering I an unsupervised machine learning that can identify different data point which is used to calculate the nearest distance with in the cluster and known as cluster. There are types of method through which cluster can be calculated

1. Elbow method

2. silhouette method

13. cluster quality can be measured through different technique or method

a. This is calculated to square the on side of the column and compare with the other ones

b. the elbow method so as to identify the value of the k but every people has different observation and having the different idea

c. we can use silhouette method which is used to find the coefficient and is used by every data scientist

14. when we try to group set of objective that has different types of objective and use centroid to measure the distance between each data and these group are called as clusters. types of clusters

Herarical cluster

Centroid based clustering