

1) **What is K-means?**

K-means clustering can be termed as the basic unsupervised learning algorithm. It is the method of classifying data using certain set of clusters called as k-means. It is deployed for grouping data in order to find similarity in the data.

2) **Could you explain Hierarchical Clustering?**

Hierarchical clustering algorithm combines and divides existing groups creating a hierarchical structure that showcase the order in which groups are divided or merged.

3) **What is PCA?**

PCA is a way of identifying patterns in data of expressing the data in such a way to highlight their similarities. It is also used for dimension Reduction.

4) **What is Covariance?**

Covariance is a measure between 2 dimensions. They show how two variables vary together.