K means clustering ?

K means clustering is an unsupervised machine learning algorithm used for grouping similar data points together in a given dataset. It requires you to specify the number of clusters (k) in advance that you want the algorithm to identify. The algorithm starts by randomly assigning k centroids to the data points in the dataset. It then iteratively assigns each data point to the nearest centroid, and moves the centroid to the average of all the data points assigned to it.