

TW8: Clustering

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Summary:

Clustering the division of a population or data points into n groups so that data points in the same group are more like each other and dissimilar to data points in other groups. It is primarily a collection of objects based on their similarity and dissimilarity. K-means is a basic unsupervised learning algorithm for solving the clustering problem. The K-means algorithm divides n observations into k clusters, with each observation belonging to a cluster and the nearest mean serving as the cluster's prototype.