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PRACTICAL 8
Aim: Performing Chuckeine using Scikit learn for a
Aim: Performing Clustering using Scitit Learn for a given problem statement
Theory: - Un-supervised Machine Learning,
The tree rearning,
It is a branch of ML that deals with unlabeled data. The algorithms are tasked with finding patterns and relationships within the data without any prior knowledge of data's meaning.
within the data without one rains bear leaders and relationships
meaning,
Clustering
Chustering is an unsupervised machine learning algorithm which groups the unlabeled dataset into different clusters
It assigns data points to one of the k clusters depending on their distance from center of the clusters.
The goal of clustering is to divide the set of data points into no of group, so that these points are comparable to one another in its group & different from data points of others group.
into no of group, so that these points are comparable
of others group.
The advantages of chustering are that haden patterns are found
& can be used to explore new data. Clustering is widely used in customer segmentation, Front Detection, Recommendation
Used in customer segmentation, troud beteation, trecommendation
Systems & Natural Longuage Processing (NLP).