

Assignment 9: k-Nearest Neighbour (kNN) from scratch

Objective: Implement kNN from scratch and use it to predict the species of the flower from the Iris dataset.

Instructions:

1. Implement the kNN algorithm for clustering using 2 different distance metrics: Euclidian, Manhattan.
2. Find the best value of k based on the results.
3. Plot the clusters formed for each value of k .
4. Report accuracy score of classification done within the clusters.