

### Assignment 1 : K-means Clustering

Implement the K-means clustering algorithm for K value = 2 and 4, for each of the datasets attached below. The output should display the cluster centroid for each cluster and the points belonging to each cluster.

The datasets shared include a custom dataset of 15 points/records and the IRIS dataset with 150 records.

Please upload the

1. Screenshots of the code
  2. Screenshots of the outputs and
  3. Python code of the assignment
- on moodle by 20/01/2024 EOD.

Please find the datasets here