

Assignment-6 Part-1(Report)

Team Members: 1) Rajan Jhaveri rjj160330
 2) Varun Dani vxd162230

Description :

We have performed k-means clustering using Euclidian distance on the test data. Based on talks with the professor, we have implemented the program as directed but with a little change. We don't take the path of the input file, instead we read the data from the link that the professor has provided. We did this to learn how to cater dynamic changes in the data. Thus we have used only 2 parameters instead of 3 parameters.

Results

The results for various values of k are as follows :

K	SSE
5	0.541465345679
10	0.191213093426
25	0.07740275
50	0.0476595
100	0.038277