MACHINE INTELLIGENCE AND EXPERT SYSTEMS

AUTUMN SEMESTER - 2019

COMPUTER ASSIGNMENT -2(CLUSTERING)

Q1. Use K-means clustering algorithm on the given dataset.

a) Use K=3 and initial centroids as [3 3; 6 2; 8 5]

b)Plot Error vs K graph on the same data for different values of K(during this

take random initial points as you wish for other values of K).

(A sample code is given to plot given dataset and you can modify this for the

solution).

c) Do it for random initialization of centroids and K=3.