MACHINE INTELLIGENCE AND EXPERT SYSTEMS
EC60091
AUTUMN SEMESTER - 2018

Computer Assignment on Clustering

1. Dataset is attached as Excel work Book ('dataset.xlsx') with 3000 samples. Each sample is in the form (x,y). Perform K-means clustering with different values of K (Range 1 to 5). Estimate the error for each value of K. Plot Error v/s K and show the elbow point.
    Note: here error is average of Euclidian distances from Centroid to Member Points.