Implementation of the clustering for the foursquare results obtained through the below url:

https://foursquare.com/explore?mode=url&near=Karlsruhe%2C%20Germany&nearGeoId=72057594040820730

-json data is initially copied from the website and stored in the file foursquare.json

-DBSCAN clustering used for the clustering

-DBSCAN function used from open source , function modified suitably
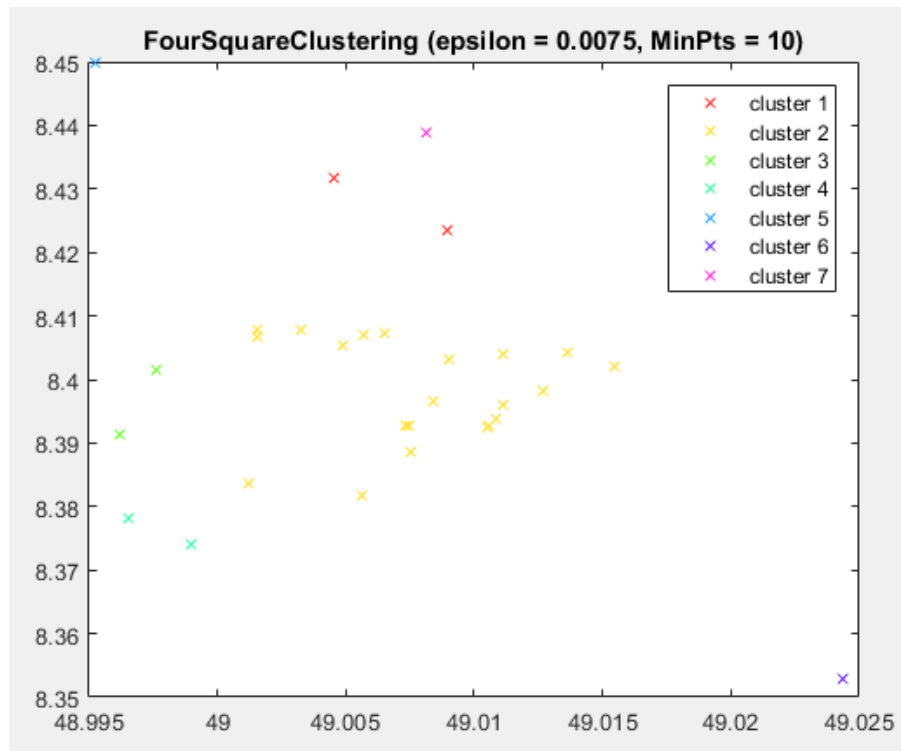
-resulting plots are stored

IMPORTANT:

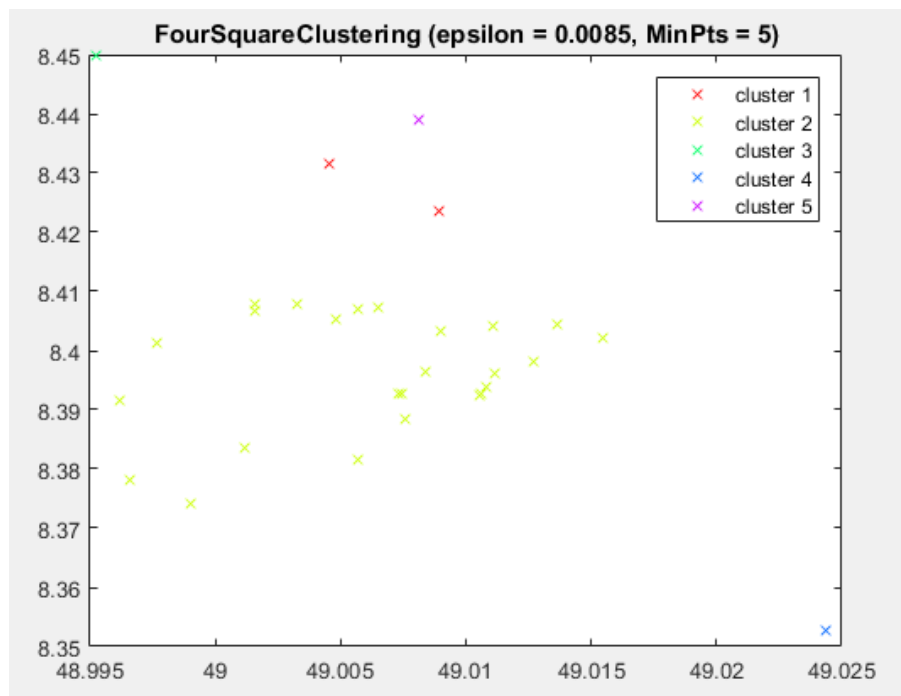run the fourSqClustering.m from this path and observe the plots.

The final result is stored in the variable 'data' where the columns 4 denotes the no. of the cluster to which the corresponding location belongs to.

Plots Observed for different parameters

1.

2.

3.

FourSquareClustering (epsilon = 0.0092, MinPts = 16)