INSTRUCTIONS TO RUN THE FILE

- To run the program use python2 or python3 and update matplotlib
- The matplotlib has to be above version 2.0.2
- To update matplotlib use command:

  sudo apt-get install python(version)-matplotlib

  (OR)

  sudo pip install --upgrade matplotlib

- Command line Input to run the program is:

  python3 BIC.py dataSetFileName numberofClusters

  Ex: python3 BIC.py Generated_Data.csv 2 – would run it for 2 clusters , i.e, a number input would run the file for a given number of clusters without BIC.

  python3 BIC.py Generated_Data.csv X – would run the BIC algorithm for finding the best number of clusters

  NOTE: Also, the data set filename should not have any spaces. It should be like the above mentioned filename.