**Homework-1**

**Team H-41**

**Rutvij Mehta (rmehta4)**

**Sagar Gupta (sgupta31)**

**Tanay Pande (tpande)**

Collections of Statistical analysis using Python

**Language:** Python

**Libraries Used:** Numpy, Scipy, Pandas, Matplotlib, Pyplot

**Tool Used:** Spyder

**To Run on Mac/Linux:**

1. Install anaconda for python 2.7 https://www.continuum.io/downloads

2. Launch Spyder application from anaconda

3. Import the code file and hit run

**References:**

[https://en.wikipedia.org](https://en.wikipedia.org/)

http://pandas.pydata.org/pandas-docs/stable/

<http://docs.scipy.org/doc/numpy-dev/dev/>

<http://stackoverflow.com/questions/21071715/why-does-from-scipy-import-spatial-work-while-scipy-spatial-doesnt-work-after>

http://stackoverflow.com/questions/354883/how-do-you-return-multiple-values-in-python

<http://math.stackexchange.com/questions/18594>7/how-to-calculate-the-mahalanobis-distance

http://matplotlib.org/users/pyplot\_tutorial.html

https://plot.ly/matplotlib/histograms/#probability-density-histogram