ISE 540 – Text Analytics

**Tutorial on setting up Jupyter Notebook**

*This tutorial is meant for your informational purposes only. The steps below will not be graded and are for your information only; however, please be sure to* ***read through the full*** *document (especially the notes at the end) as it states our expectations on how you should submit your code for the homework.*

1. Go to Anaconda website (<https://www.anaconda.com/>) and download the anaconda installer for your operating system.

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1. Run it and install Anaconda. Graphical user interface, text, application

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2. Run Anaconda and launch Jupyter NotebookGraphical user interface, application

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3. Navigate to your course folder and create a new jupyter notebook by clicking on the new button and then selecting Python 3 (ipykernel)

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1. Give it an appropriate name and now you’ll be able to use jupyter notebook for homework assignments. Here, how homework assignments should look like and the format in which you should answer each question.

Q1) Import the Housing dataset and find the mean of the age of the houses in boston.

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Note: Try to define a function for every question

Q2) Plot prices of the house vs the per capita crime

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Q3) Get Statistics of the entire housing dataset

Table

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**Notes:**

1. For each programming assignment, please use markdown cells to indicate which question you are solving. Also, use markdown cells to report your answers if the result cannot be explicitly output by your code, or if we are asking you something that does not require code. For example, in HW1, #2 is asking you to state the null and alternate hypothesis. You should use markdown to answer the question (code is not needed for it).
2. For each programming assignment, please use the “cell -> run all” function provided by the Jupyter Notebook to sequentially test if all the code is working correctly as a whole.
3. Please include your Name and USC ID in the first cell of the Jupyter Notebook file for each assignment. Name your jupyter file as Lastname\_Firstname\_HW(i).ipynb, for example, my HW1 should look like Doe\_John\_HW1.ipynb
4. Try to organize all imports together (preferably in the first cell).