

Week 2: Jupyter Notebook Assignment - Getting Started

Fill out the cell below with your information.

- Student Name: Rob Garfield
- Date: 9/1/19
- Instructor: Lisa Rhody
- Assignment due: Wk2 notebook, 9/3/19
- Methods of Text Analysis
- MA in DH at The Graduate Center, CUNY

Run the following cell and print the result. Below the result, add a "markdown" cell and explain how you did it. Remember to create a "markdown" cell, you will need to change the cell type from "Code" to "Markdown."

```
In [1]: 1 + 5 * 2 - 3
```

```
Out[1]: 8
```

RG--I clicked the Run button in the taskbar with the code cell selected. Can also select the run command from the menu.

In the next cell, we have a command. This will download something you will need during the course.

```
In [2]: import nltk  
nltk.download()
```

```
showing info https://raw.githubusercontent.com/nltk/nltk_data/gh-pages/index.xml
```

```
Out[2]: True
```

A new window should open, showing the NLTK Downloader. Click on the File menu and select Change Download Directory. For central installation, set this to C:\nltk_data (Windows), /usr/local/share/nltk_data (Mac), or /usr/share/nltk_data (Unix). Next, select all-corpora from the list in the pop up window. Then click the button to download.

Test that the data has been installed as follows:

```
In [4]: from nltk.corpus import brown  
brown.words()
```

```
Out[4]: ['The', 'Fulton', 'County', 'Grand', 'Jury', 'said', ...]
```

Congratulations!!! You've completed your first assignment. Go to the top of your Jupyter menu above (top left). Click File, and in the drop down menu, select "Print Preview." When your browser opens a new tab with a preview copy of the notebook, then go to your browser's menu bar. Under File, select Print. In the dialogue box that opens, change your printer to "Save as PDF." Save a copy of the file with the following naming strategy: lastname-week. When you have a PDF of your file, send it to lrhody@gc.cuny.edu as an attachment in an email.

If you are someone who would like to push further, You could get started with the NLTK Book Chapter 1 here: <https://www.nltk.org/book/ch01.html> (<https://www.nltk.org/book/ch01.html>). You can create a new notebook to track your work and submit that the same way. If you do, please save the notebook with the same naming strategy: lastname-week