**Assignment #7**

**Objective**

Learn Pandas

**Due**

Before class on Feb 19th at 9am. Commit your completed Jupyter notebooks to your GitHub repository.

**Background**

This assignment is meant to introduce you to Pandas. Pandas builds on NumPy and MatLibPlot and provides even greater control and management of your data.

**Tasks**

* Perform the following three online tutorials from Dataquest.io. Create a new Jupyter notebook for each part below. Whenever the tutorial shows Python code in black boxes, duplicate that code in your Jupyter notebook. Remember not to cut-and-paste code. Type it in. This will help with retention.
  + Part 1: Learn about importing data, series and data frames and plotting
    - <https://www.dataquest.io/blog/pandas-python-tutorial/>
    - Note: Jupyter will only see files in the directory in which it is started, so be sure to move the ign.csv file to where it can be found by Jupyter.
  + Part 2: Learn to apply functions to data, group data, aggregate data
    - <https://www.dataquest.io/blog/pandas-tutorial-python-2/>
  + Part 3: Lear to concatenate, merge and join data from multiple sources.
    - <https://www.dataquest.io/blog/pandas-concatenation-tutorial/>