

## Assignment #7

### Objective

Learn to use Jupyter notebooks and become familiar with the NumPy package. NumPy provides a Python library to assist with common tasks with tabular data in scientific computing. Jupyter notebooks provide a convenient way to document and share your data analytics code with others.

### Due

Tuesday at 9am on Feb 19<sup>th</sup>. Please upload your completed Jupyter notebook to your class GitHub repository.

### Background

For this assignment we will be using Jupyter notebooks. When you installed Anaconda, Jupyter Notebook came with it.

### Tasks

- Review the Jupyter tutorial provided for this assignment. You will find it on Slack in the #assignments channel.
- Open a new Jupyter notebook inside of your local GitHub repository for class assignments. Create a new folder named **Assignment07**.
- Download from Slack the Jupyter Notebook named **Hort503-01-S2019-A07-Numpy.ipynb**. You will find it in the #assignments channel. Store this file in your newly created **Assignment07** folder.
- Now open the **Hort503-01-S2019-A07-Numpy.ipynb** file and follow through it's step-by-step instructions. Be sure to perform
- Once completed, commit your Assignment07.ipynb file to your online GitHub repository.