Bonus Assignment

Due Friday (October 2nd) night by 11:59 pm Central Time

1). Please create or upload a video (named as Share Your Story to introduce yourself) to the Panopto Video Section within Canvas including the following: (50 points)

- What do you prefer to be called if it is other than your official name? Where are you from?
- What year/quarter are you in MSCA Program and what was your undergraduate major(s)?
- Do you have any analytics/data science background/course work?
- Do you have any programming background/course work?
- What is your programming background in R and Python, and what do you expect from this class?
- What is your main industry and career goal? (Optional)
- What do you do for fun and/or anything about you that you like to share with us? (Optional)
- Anything else you would like to share

2). We will use RStudio for R programming and Jupyter Notebook for Python programming. Please follow the installation documents attached to install Jupyter Notebook and RStudio via Anaconda on your laptop. (50 points)

As the open-source Anaconda Distribution is the easiest way to perform Python/R data science and machine learning on Linux, Windows, and Mac OS X. With over 19 million users worldwide, it is the industry standard for developing, testing, and training on a single machine, enabling *individual data scientists* to:

- Quickly download 7,500+ Python/R data science packages
- Manage libraries, dependencies, and environments with Conda
- Develop and train machine learning and deep learning models with scikit-learn, TensorFlow, and Theano
- Analyze data with scalability and performance with Dask, NumPy, pandas, and Numba
- Visualize results with Matplotlib, Bokeh, Datashader, and Holoviews