2018 Spring STAT 2894: Final Project

The purpose of the final project in STAT 2894 is to apply the tools and techniques learned throughout the semester to a dataset of interest for pairs student. This dataset can be a publicly available dataset online. The dataset should contain at least three variables of interest for which statistical methods can be applied. The complete dataset **must** come from two separate sources/files. This project must be completed in pairs.

Outline:
1. Introduction: What is the problem? Why are you interested in this problem? How was this problem been addressed in the past? Do not forget citations!
2. Dataset: What dataset are you using? Where did this data come from? How will this data address the problem?
3. Methods: What methods will you use to address the problem?
4. Results: What are the summary statistics for your dataset? What results did the methods provide? Do not forget figures!
5. Conclusions: How will you interpret these results? How did these results address the problem?

Format:
> The final project must be submitted as a written report. This report should be 5 pages double spaced, including figures. Please do not make figures more than 25% of the page and wrap text around figures.
>
> A final presentation will be required. The presentation will be 10 minutes long with 3 minutes for questions. The presentation should address all of the topics mentioned in the outline above. In addition, a section of python code that was nifty, challenging, or interesting should be presented.

GitHub:
> The pair should create a repository and push all code, data, and final report GitHub. Please note that individual participation from the project will be gleaned from commit logs on GitHub.

Presentation Date:

> ***Tuesday, May 1 at 8am***

Final Report Due:

> ***Thursday, May 3 at 12:01pm***
> ***in the project GitHub repository.***