

**Final Project**  
**STA 4291/5291**

**Spring 2019**

The project requires you to synthesize the material from the course. It is not a regular Homework and it should be treated differently. It is the best way to solidify your understanding of the material that you learned in this course. You will present your findings in class and in a written report . You should explain what you did using simple words (just like in the challenge problems). You do not need to explain the terminology in details. No formulas. You can choose your data or select a subset of the data set that I am posting using the technique I describe below. The final report should be clear and readable. The maximum number of pages allowed for the report is 5 (both sides). All figures and tables that are included should be readable, relevant and well labeled. Figures can be added in an appendix (not part of the 5 pages). Include only relevant plots. The written report should have a summary, an introduction (description of the data and why is the analysis is important for the client, what were you trying to find out and what are the findings of your initial data exploration), results (what results did the analysis produce and how do you interpret those results), and conclusion (what is the significance of your results, what is the answer to the research question).