Final Project

DS 3003 — Spring 2021

Grading Rubric

I will evaluate your projects by scoring you from 0 to 4 for each category according to this grading rubric.

- 4: **Very good** — very good job deserving of a solid A grade.

- 3: **Adequate** — passing, but some minor deficiencies.

- 2: **Substandard** — at least one major deficiency; below expectations.

- 1: **Poor** — several major deficiencies; well below expectations.

- 0: **No Credit** — this element of the report is either completely missing or only superficially included.

- Articles (4 pts)

  - Do you report the source of the article?
  - Do you explain why you've chosen the article?
  - Do you describe the key idea of the article you've chosen?
  - Do you describe the degree of agreement, disagreement, or conflict on the main idea of the article?

- Data (4 pts)

  - Is the data set appropriate for the article you've chosen?
  - Do you describe what variables used in analysis mean?
  - Do you describe how the data was collected?
  - Do you report the source of the data?
  - Does your report include a brief table with a descriptive summary of the data (including key numerical summaries of key variables, samples sizes, and so on)?

- Plots/Graphics (4 pts)

  - Do plots show key features of the data well?
  - Are there good labels?
  - Do you make effective use of color/shape/symbols?
  - Do your plots provide information about your questions/arguments?
  - Are there any plots that ought to be included, but are not?
  - Are there plots that serve very little purpose?

- Communication (4 pts)

  - Are your presentation slides well organized?
  - Is it easy for me to understand the questions/arguments you wish to address?
  - Are there clear section titles?
  - Do the presentation slides have a clear and effective format?
  - Does each table or figure include a paragraph that helps to interpret the information contained within?
  - Do you clearly describe your codes?
  - Does your code include some helpful comments?

- Engagement (4 pts)

  - Do you make a good/compelling story?
  - Do you include interactive graphs using *plotly* or *shiny*?
  - Do you use features from interactive groups during the presentation?
  - Do you ask question(s) during your presentation?