Project 1 Info

Project Overview

The first course project will use a dataset of your choice to explore data visualization. For the report, you should identify a research question of interest to explore with data visualization. I'd expect at least 3 or 4 different graphics in this report.

The report should contain sections such as introduction, data overview + data visualization, and discussion. The following is a rubric that will be used to assess the report. All items are graded with the following scheme, where some have multipliers:

1. **No Credit**: Criterion was not addressed or was written in a way that was not understandable.

2. **Beginning**: Ideas are not clear and supporting ideas are not presented.

3. **Developing**: Ideas are identified but not well supported and developed or are minimally supported and developed.

4. **Advanced**: Ideas are clearly identified and are adequately supported and developed.

Report generalities	Points	Multiplier
Spelling, grammar, writing clarity		3
Paragraphs, section labels		1
Appendix with complete code		1
Figures (reporting, labels, captions) included in text		1
Citations for papers and packages used		1
Acknowledgments for other resources		1

Introduction	Points	Multiplier
Project motivation		1
Sample size(s)		1
Data source and study design		1
Research question		1

Data Overview + Data Visualization		
Variables with units and descriptive statistics	1	
Figure Titles and Labels	1	
Figure Captions	1	
Figure Clarity	2	
Figure Quality	2	

Discussion	Points	Multiplier
Reframe research question		1
Summarize findings from data visualization		1

Discussion	Points	Multiplier
Suggestion of next directions		1