Presentation/writeup guidelines

Presentation should be about 15 minutes. I am not grading the writeup on length, just make sure you have everything you need.

Below is a rubric that applies to both the presentation and the final writeup.

Introduction (5 points)

The introduction clearly states the client's substantive question, translates it into statistical terms, and establishes a framework for the rest of the presentation.

Description of the dataset (5 points)

Important features of the dataset are described accurately, including any data quality issues or preprocessing relevant for downstream analysis if applicable.

Modeling strategy and model descriptions (10 points)

Models are well-chosen for the client's question and the type of data. Modeling choices are clearly explained and justified. The models are described correctly. Diagnostics, checks, or alternative strategies are mentioned where appropriate.

Interpretation of results (10 points)

Graphs and tables are accurate, well-labeled, and interpreted correctly. Effect sizes, uncertainty, and relevant patterns are explained in both statistical and substantive terms. Interpretation stays within the model's assumptions.

Conclusions and limitations (10 points)

The conclusion summarizes the major findings and ties them back to the client's original question. Limitations—statistical, data-related, or conceptual—are described clearly. Possible next steps or recommendations are provided when appropriate.

Clarity and presentation (10 points)

Slides are readable, well-organized, and visually clean. Graphs are polished, with clear axes, legends, and annotations.

Additional expectations for the writeup

In addition, for the writeup, make sure that all results/plots should have at least a brief description explaining to the client why it is being included and how to interpret it. There will be points off for any results that are not described in that way, and also for incorrect statements. Make sure you only include things that you can justify.