Project Proposal

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```r
library(tidyverse)
library(tidymodels)
# add other packages as needed

# add code to load data
```

Introduction

- An introduction to the subject matter you're investigating (citing any relevant literature)

- Statement of a well-developed research question.

- The motivation for your research question and why it is important

- Your team's hypotheses regarding the research question

  - This is a narrative about what you think regarding the research question, not formal statistical hypotheses.Data description

Exploratory data analysis

- The source of the data set

- A description of when and how the data were originally collected (by the original data curator, not necessarily how you found the data)

- A description of the observations and general characteristics being measured

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Analysis approach

- Description of data processing you need to do to prepare for analysis, such as joining multiple data sets, handling missing data, etc.

- Visualizations, summary statistics, and narrative to describe the distribution of the **response** variable.

Data dictionary

The data dictionary can be found here [Update the link and remove this note!]