

Project Proposal

The Four-mula: Hellen Han, Lila Rogers, Amy Duan, Eva Aggarwal

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

# add code to load data
```

Introduction - Lila

- 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.

Exploratory data analysis - Eva

- 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

Analysis approach - Amy

- 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 re-sponse variable.

Data dictionary - Hellen

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