Research project template (change title to be something relevant to your project)

Your name here

1 Introduction

This section should include

- A statement of your research question
- Why it is important / interesting
- Any other factors/variables beyond those you are most interested in that may affect the relationship

For this section and in general for the whole report, it should be written like a mini research paper. So instead of just stating your research question, try to introduce the topic in a conversational way.

2 Data

This section should include a description of the following:

- A brief sentence explaining the data set you are using
- Whether you subsetted to only include certain respondents
- The number of respondents included in your analysis (remember those with missing values are dropped from a regression)
- The variables in the data set you are using
- Any other variables you created

2.1 Descriptive statistics

This section should include any summary statistics, graphs or tables that

- describe the characteristics of your dataset, and
- illustrate the relationship between variables that are related to your research question

Please describe and interpret your EDA with words accompanying any output.

3 Model

- Describe the statistical method you are using to answer your research question
- What is the response variable? What are the explanatory variables?
- Why is this method appropriate for the research question?

Here's an equation to get you started (add more terms if required):

$$Y_i = \beta_0 + \beta_1 X_{i1} + \beta_2 X_{i2} + ...$$

where

- $Y_i = ...$
- $X_{i1} = ...$
- $X_{i2} = ...$

4 Results

Discuss results here, including coefficient interpretation and anything else you want.

5 Discussion

- Discuss results as they relate to your research question
- Were results surprising or expected?
- Brief discussion about potential future work / additional variables that may be useful