

Project Proposal

YOUR_NAME

30 November, 2020

Project Objective

A maximum of three sentences outlining the “big picture” objective(s) of the project. It should not be technical, and answer the “Why You Should Care” question - i.e. justify the managerial relevance. My grandmother should be able to understand it.

Research Question

SOMETHING (technical jargon can be added here)

Sub-Questions: (if any)

- ...

Type of Question

The research question I will answer is a **INSERT__ANSWER** question.

Replace **INSERT__ANSWER** with one of:¹

1. Descriptive
2. Exploratory
3. Inferential
4. Predictive
5. Causal
6. Mechanistic

Data

Keep the choice which applies to your project:

- I have downloaded the necessary data for this project. The script to download the data is [data/download-data.R](#)²
- I have not yet downloaded the final data for this project because the event I want to study has yet to occur, but have a working R script that downloads data for an earlier time period. The script to download the data is [data/download-data.R](#)³
 - **NOTES:** Only use this option if you are using the Twitter API, and the event you plan to study has not occurred by the proposal deadline
- I am yet to download the necessary data for this project
 - **NOTES:** Selecting this option comes with a **30% penalty** to your grade as you have not met the requirements for the proposal.

¹These question types are borrowed from a paper by Jeff Leek and Roger Peng in their paper: “What is the question?”(2015)

²The instructors need to be able to run this script. Make sure you have updated the **renv** in the project template.

³The instructors need to be able to run this script. Make sure you have updated the **renv** in the project template.

Data Description

Provide a short paragraph explaining the data you will use in your project. Where is it from? How many rows and columns? What are the important columns for your analysis? Provide a citation if you are using data you didn't collect yourself.

Analysis Workflow

My workflow will follow the following steps:

- **Step 1.** SOMETHING
 - Some details
 - More details (if needed)
- **Step 2.** SOMETHING
 - Some details
 - More details (if needed)
- ...

Communicating Results

Explain how you plan to report your results. For example, what tables and figures do you expect your report will contain. Will the table be a regression table or something else? Will the figure(s) be a box-plot, scatterplot, something else?

Word Count

Number of Words: 401

References

Leek, Jeffery T., and Roger D. Peng. 2015. "What Is the Question?" *Science* 347 (6228): 1314–5. <https://doi.org/10.1126/science.aaa6146>.