

# Poster Project Report

*Your name here*

*December 11, 2017*

This assignment asks you to reflect on your experience with data analysis for your final poster project. Create (or modify) the README file in your GitHub repository for your poster project. Include the following (in the order presented below) in your report. Use the corresponding section titles to organize your responses.

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## **Project Topic and Relevance (~ 300 words)**

Describe what interested you in the project you've chosen to work on this quarter. What is sociologically relevant about the topic you've chosen and why do you think this is an important area of investigation?

## **Finding Data (~ 350 words)**

Describe how you found the data used for your project. This should include a discussion of the resources you used and the reasons you selected the dataset you did. If you changed datasets at any point in the quarter explain why you made the decision to switch and what effect(s) you think this had on your final analysis. What theoretical questions did you set out to answer with your data? How did these change as the quarter progressed?

## **Data Structure & Data Munging (~ 500 words)**

Reflect on the original structure of your data. Explain the ways in which you had to clean, transform, or merge the data to do the following:

- Initially organize your data
- Create meaningful visualizations
- Run statistical analyses

What challenges did you encounter in any or all of the aforementioned activities? Did anything surprise you about this aspect of research? Explain.

## **Reproducible Research (~ 350 words)**

As you understand it, what is the value of reproducibility for research? Include a description of the ways you employed principles of reproducibility in your own project. Which techniques seem most useful (i.e. what might you want to learn more about/incorporate into your research methods going forward)?