
pm-03: Implementation - Phase 1

This is a group assignment

Purpose:

The purpose of this assignment is to begin implementing your final project visualization.

Tasks:

1. Set Up Webpage (20 points)

Accept this assignment (<https://classroom.github.com/a/vtUuMsb8>) and please do the following:

- a) **Title** - Add a short title for your project.
- b) **Header 1** - Add the title of your project.
- c) **Motivation** - Provide an introduction/motivation for your project. Include the domain area your project addresses, the domain problem it seeks to solve, why solving this problem is important, and an overview of the use case for your tool.
- d) **Background** - Add a subsection titled Data. In this section, discuss (at a high-level) what data your tool visualizes, the source of the data, biases and ethical issues embedded in the data, and any data quality issues you found. Add a link to the raw data.
- e) **Visualization** - See below for visualization requirements for this pm.
- f) **Acknowledgements** - Add clickable links to resources you have used.

2. Begin to Implement Visualization (36 points)

Based on your final sketch from the previous pm, begin implementing your visualization. It is okay if your visualization design changes from what is in your final sketch as long as you document what has changed and why in the Design Process section of your final paper.

For this pm, we will check your GitHub Page and Repo for at least the following:

- a) **Reading Data**
 - o Data is read in from an external file.
 - o At least 10 lines of data print to the console without errors.
- b) **Visual Encoding 1**
 - o One of the visual encodings included in your final sketch shows on the page.
 - o All static details for the encoding (ex. axes, colors, etc.) are fully implemented.
 - o All interactive details for the encoding **other than linking to another encoding** are fully implemented (ex. tooltips, zooming, etc.).
- c) **Visual Encoding 2**
 - o At least some progress had been made to show a second visual encoding included in your final sketch on the page.

Note: We do not expect a complete, fully functional visualization by the time this pm is due. We only expect you to have hit the benchmarks listed above.

Submission:

Be sure to push changes to your GitHub Repo, then submit on Gradescope.