COMP177: Final Project

Mandatory Deliverable:

Ultimately, I will need to have access to three things in order to grade your final project: your source code, a link to your working implementation, and an mp4 file of your video.

To this end, you MUST fill out the form at the end of this document and turn it in via Gradescope. The form tells me where I can find these three things. It doesn't matter where they are, it just matters that I can get to them. You will also use this Gradescope submission to indicate the group members you worked with, which Gradscope let's you specify either during or after the submission process.

The actual deliverables themselves can be strewn far and wide across the internet. For example, if your code is sitting in a github repo, you can just give me a link to that repo. You could also zip up your code and submit it via provide (command below). Your video, by contrast, is likely to be a more hefty file. This might be best to submit as a Box or Google Drive link.

To submit content via provide, use:

```
provide comp177 project whatever.zip/tar/html
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Final Project Implementation:

In the spirit of trying not to stifle any brilliant sparks of creativity, there are no explicit requirements in terms of the content of your final project. That being said, most successful projects are typically comprised of at least two different visualization components that are linked via user interaction.

Sometimes this takes the form of two side-by-side views. Sometimes a second visualization will provide more detailed information about a component of the first. Again, these tactics are not mandatory, but they are indicative of the expectation level in terms of effort and quality.

It is also expected that your project will take into consideration a realistic scenario of potential users and questions that those users may have about the underlying data. This has been a theme throughout the whole course. It is not enough to pipe data into a display and call it a day.

The only firm requirement is that **I must be able to use your working demo via a url**. That is, you must be hosting your project somewhere. I will not be installing new software or running a local server in order to test your implementation. There are many free places to host your work, including your own Halligan space.

Final Project Video:

Your video should be 3-5 minutes long. A successful video typically contains explication of:

- What data you're using and where it came from
- Which users care about this data and what types of questions they might have
- What types a preprocessing/wrangling was done to the data
- A live tutorial of your implementation and the features it includes
- Some insight about the data that is nicely visible in the resulting display

You may use any screen capture or video editing software that you like. We will be providing a tutorial of Camtasia during the last week of class for those of you who have not worked with screen capture software before. My expectation is that all of you are clever enough to produce a video file that does not contain a watermark of any kind.

Given that you will not be presenting your projects in class, it is also expected that your videos will be pretty convincingly polished. If you totally botch a line, re-record that section. I do not want to see you minimizing your Powerpoint slides to transition over to a live demo. Cut the video at the end of your slides and restart it when the live demo is up and ready to go. These videos make for great resume fodder, so everybody wins when they come out nice!

Your video must be submitted in mp4 format.

COMP177: Final Project Submission Form

Please list where the following items can be found and turn in via Gradescope. You're also welcome to include any notes that I might need to access these things. In the simplest world though, you just need to specify three urls.

Final project code:

Final project url:

Final project video: