

Personal Reflection

The final project was a valuable experience in learning and applying things we have done in the class this semester. My team had three datasets to choose from and very early on, we agreed on doing the dataset regarding data science job salaries. My teammates and I finished most of the project weeks before as we gathered and were determined to finish it. The dataset we had was not lacking in any information we needed to create graphs. It was interesting that some juniors in the industry received higher wages than seniors in the industry and the range of salaries of juniors were greater than the wages of seniors. As we decided to present our graphs in a website format, I learned to use HTML and CSS more on my own. I think it would be helpful to learn more about those in class.

I believe our final project exceeds expectations. In terms of graphs, we created four different kinds of graphs with many thoughts into colors and clarity. Every graph has less than seven colors, with clear differences to one another. We used tooltips to display more information to the readers if they are interested. We created a table to provide readers with more context about the data, making the graphs easier to understand. In terms of overall visualization, I believe the website has our own unique elements such as rotating icons and customized fonts for titles and such. I spent lots of time looking for a good template for the website and customized it so the data will be well-represented. I gave credit to everything on the website, including the dataset, HTML template, and icons.

I believe our team should earn an A in the course. Our teammates love this class and were passionate about creating graphs and displaying things in a way that pleases the eyes and gives clarity. We spent a lot of time together in the Swem library and learned to teach and help one another. We became not only group members, but experienced what it is like to work as a team, seeking advice from others and contemplating to put our best into the projects. Overall, I am very pleased with my teammates and the projects we did together.

If I were able to take this course again, I would love to implement my skills and seek to create my own projects. I would search for other unique visualizations and try to recreate them and add my own style to them. I would go to more office hours and seek advice on how to improve my own projects. Apart from that, I think everything we did in class, including readings, class lectures, and group projects were such a valuable experience. I found out that I am passionate about creating effective yet visually pleasing graphs and websites and had a chance to seriously consider my future paths. This class is my favorite class this semester and it will remain one of my favorites in college.