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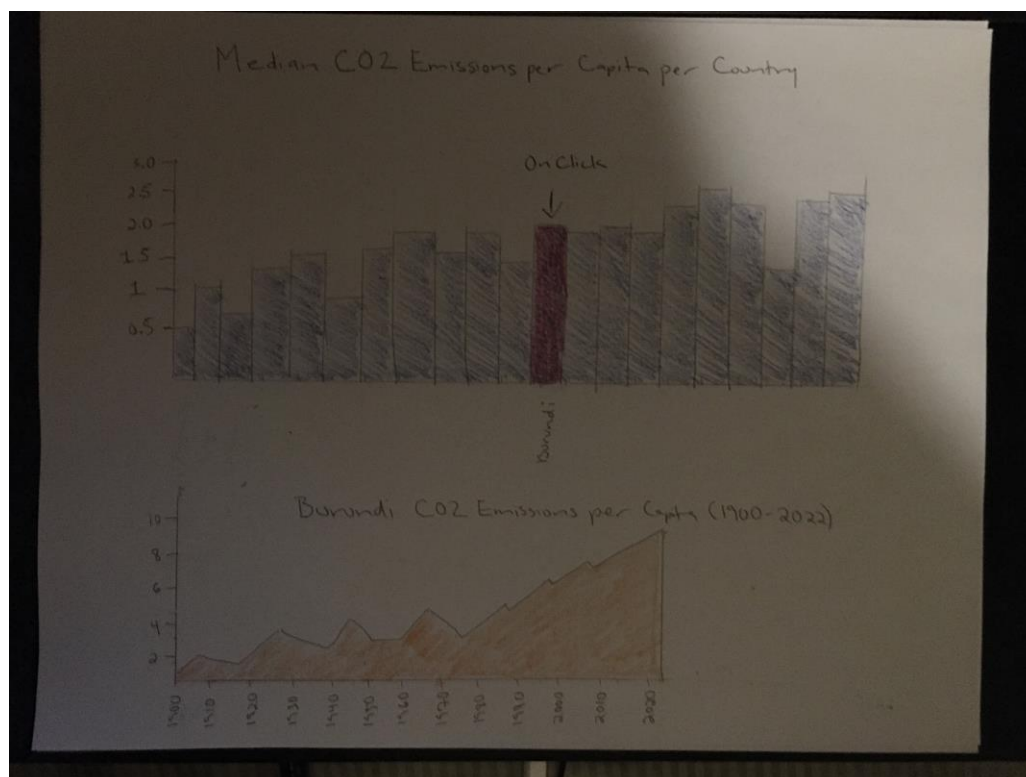
Visualizing Information: Final Project

I initially wanted to do an adjacency matrix, but coding with d3 was more difficult than I anticipated. I decided to go with a simpler design, a bar chart representing the averages of CO_2 emissions per capita per country. The median would have been better, but there was no function for it. When a viewer hovers over a bar, the color should change and display the name and average of the country. When the bar is clicked, an area chart should show the yearly carbon emissions per capita for that country, from 1922 to 2022.

I chose colors that would be visually appealing. I chose red for onClick, because it would pop, and alert the viewer. I chose orange for the area chart, because I wanted to use a different color than the previous chart, that would also pop. I chose a bar chart for the averages, because I thought it would depict the differences among countries well. Although, being that there are a lot of countries, this might not be the best idea. The area would work well to show change over time and add depth to the visual. I wanted to viewer to get a sense of the mass of CO_2 emissions.

I was really interested in seeing how different countries compared when it came to carbon emissions per capita. It was interesting to see the increase in emissions after the early to

mid 1900s and that some countries are much larger contributors to CO2 emissions than others. This has a lot to do with economic, cultural, and social norms.