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CSCI0465 - Andrews
Final Project: Design Document

Most of our design choices were motivated by distracting the least from the narrative and keeping the layout intuitive. We chose to situate text on the left and visualizations on the right knowing the user's eye is generally drawn from left to right. The narrative's text provides context for the data and information presented on the right, in addition to tips as to how the reader might interact with the visualizations, so it made sense to stick to this left-right orientation.

Corinne and I were both motivated to tell this story about the dire state of infant and maternal mortality in the U.S. We didn't want to distract from the narrative, so we ordered the visualizations like you would a story and we stuck mostly to bar charts and other simple charts. The implementation was guided by the basic narrative flow below:

- Give global context to show how the change in maternal mortality in the U.S. over time differs starkly from other developed countries → *Line chart of MMR over time*
- Drill in on maternal mortality in the U.S. by race → *Bar chart of U.S. MMR by race*
- Connect infant mortality with maternal mortality, allow user a chance to explore IMR by state and race → *U.S. state map of IMR*
- Offer three separate sections enumerating experts' explanations of the black-white divide for infant & maternal mortality in the U.S. → *Three bar charts*
- Close by emphasizing this is problem effect even those with the most advantages/highest education → *Dual bar chart*