I set out on this project with the idea of modeling the effect of stay-at-home orders on COVID-19 spread by looking at positive and negative data from across the United States. My idea was to look at the distribution curve prior to and after the stay-at-home orders for both states that were early adopters (implementing stay-at-home orders on or before March 23, 2020) and then those states who had not implemented any stay-at-home orders at all prior to April 20, 2020. I also wanted to examine how population density affected these numbers, expecting that a combination of early adoption and lower population density would be the most successful combination for states hoping to minimize COVID-19 spread.

I did not manage to parse the data to the extent I had hoped, and while I know that I have learned how to perform all the actions I want to with data, I was not able to coalesce all these things together with the dataset I located. I did not separate the states into separate categories, nor was I able to examine how the data was distributed across the various states. This meant that I was unable to test my hypothesis within the available time. I feel that the most valuable practice I could perform at this point in my programming journey would be to select a variety of data sets to practice my new tools with.