

## Covid 19 Cases in the United States vs. Gas Prices

This was one of my first choices for a thorough analytical capstone project because it showcases something that is happening in real time and can be shown through multiple metrics and data points. One of the big things about this topic is that there might be some correlation between gas prices rising and covid cases declining. This can be reasoned by the fact that people will go on vacations and car trips as covid starts to “die” down. Another point is that the data here will be collected from the US energy information administration and Covid 19 data hub/New York Times. I will be utilizing the datasets above to see any trends on covid cases over the past months and seeing if this has any merits with rising gas prices. There are some possible problems that can arise with this study. Inflation can be running rampant too due to the increased money supply into the economy. There could be many factors that affect the gas prices that does not seem to

correlate with covid so I will need to be weary of that and try to keep most variables controlled.