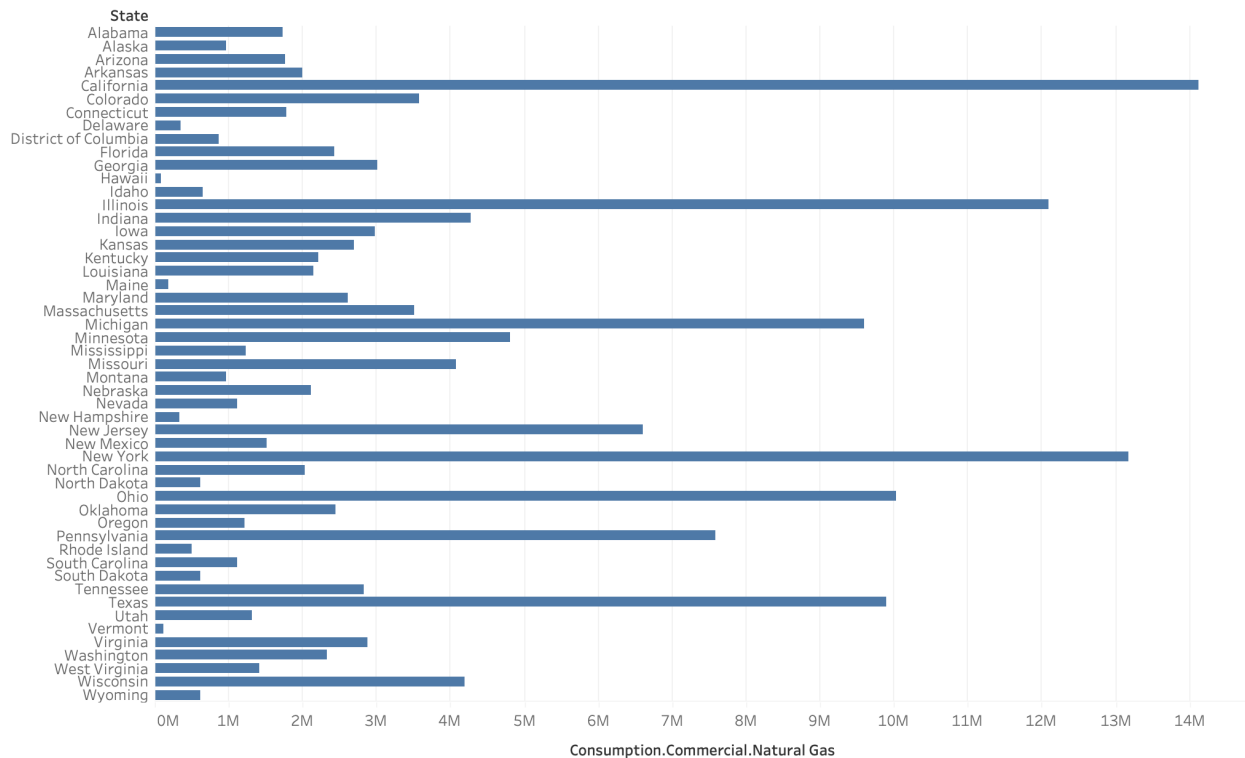


Data Exploration through Tableau

Mariah Diaz: 20558142

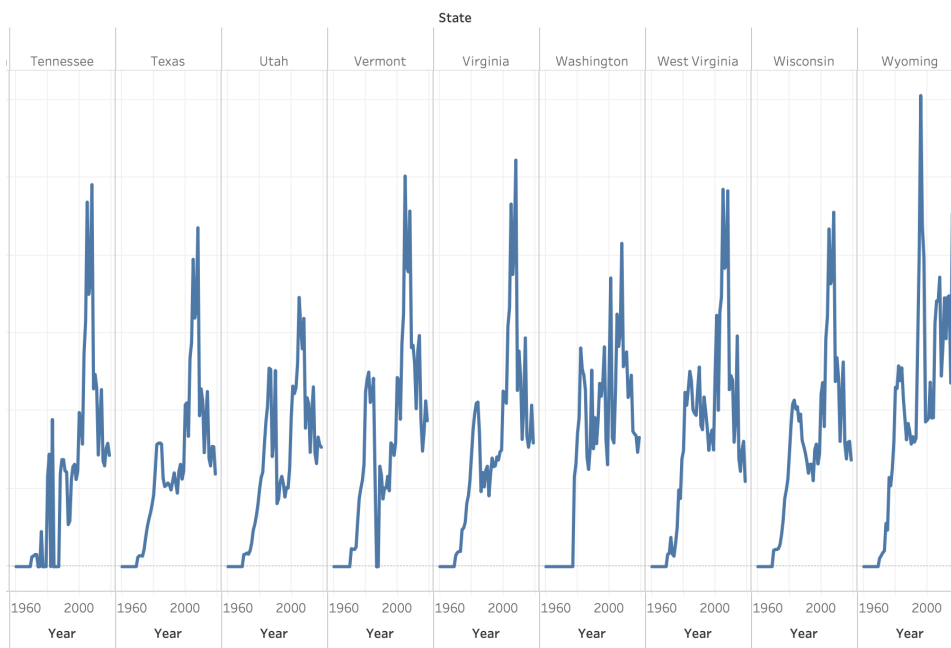
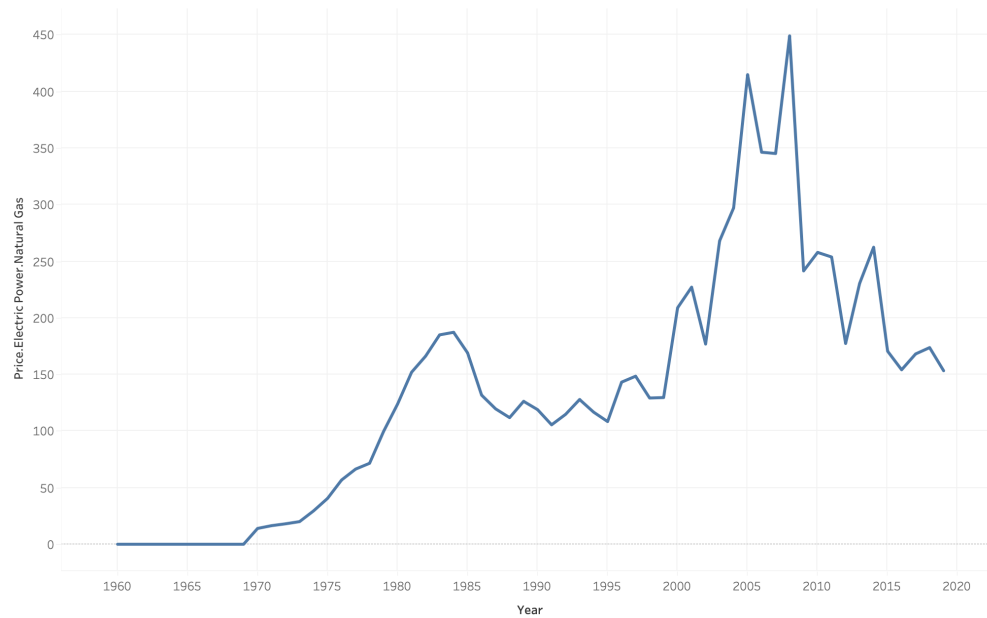
<https://corgis-edu.github.io/corgis/csv/energy/>

The data set that I chose to focus on is related to energy consumption, price and distribution within the United States from the years 1960 to 2019. The data has been gathered by the US Energy Information Administration and is organized by state.

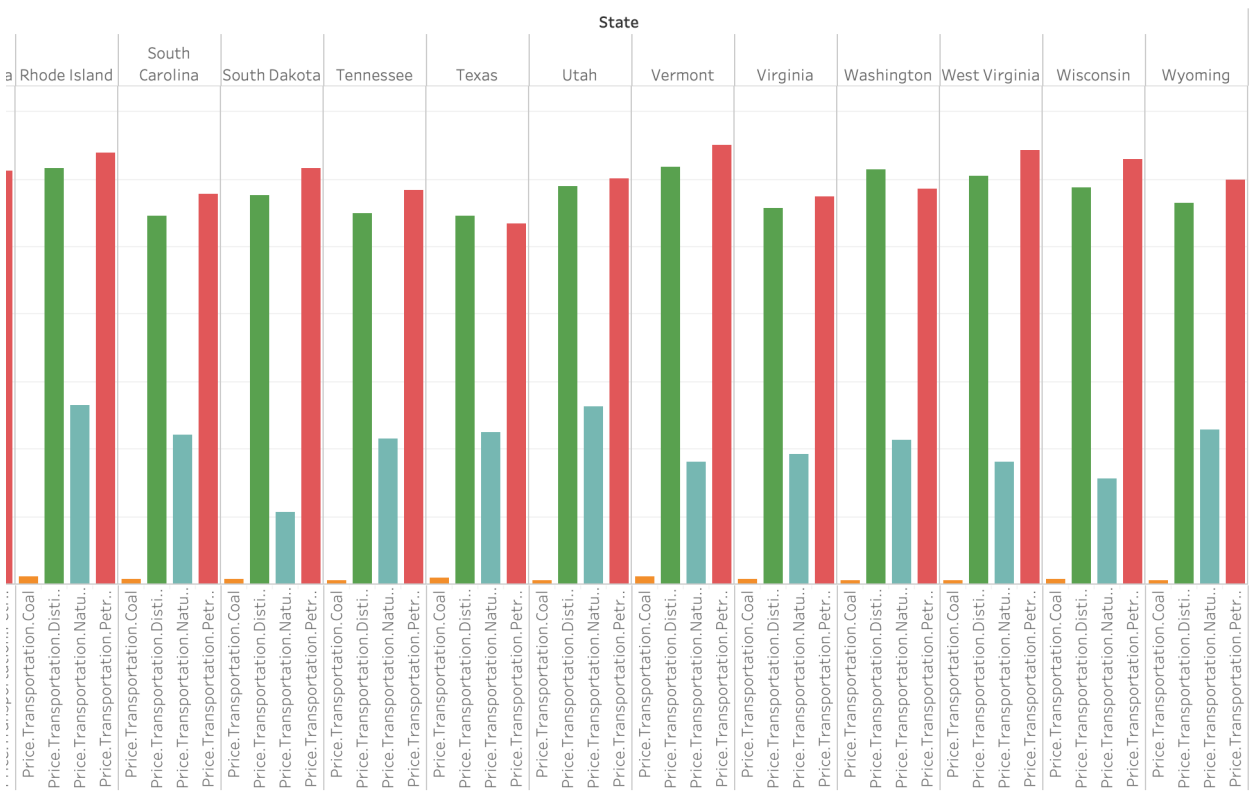
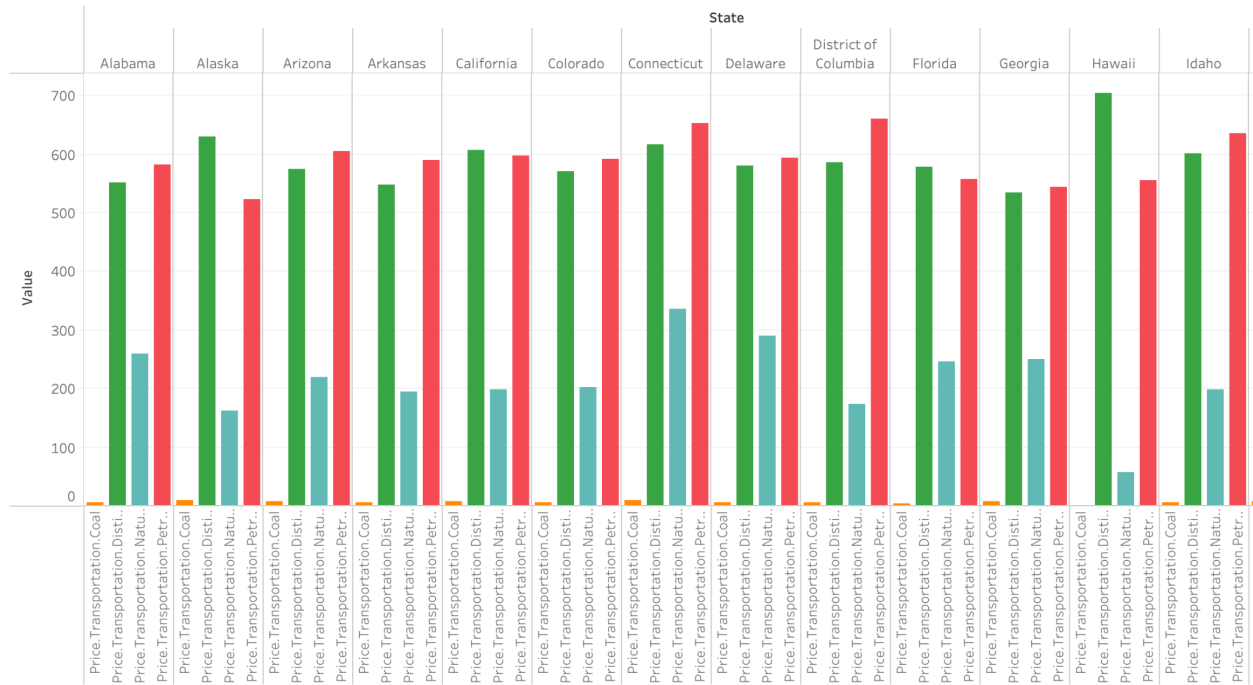


The visual above is focusing on the consumption of natural gas within the commercial sector. From the data one observation that I can see is that heavily populated states that tend to be hubs for business ventures consume more natural gas. I am not surprised that California leads with the most consumption of natural gas.

Sheet 1



The next visual I am looking at is following the price of Electric Power Natural Gas from 1960 to 2019. The above is a graph averaging all the states throughout the years and a partial image of the first couple states specifically for reference. In almost every state I observed a peak in price from 2005 to 2008 which is on trend considering the U.S. was in one of its worst recessions in 2008.



The last observation I made from the data was looking specifically at the price of energy in the transportation sector and seeing what resources cost the most. Unsurprisingly coal is very cheap compared to its counterparts. From the visuals I was able to determine that natural gas and distilled fuel oil were the most costly.