Description of Dataset:

Traffic Fatality: https://www.kaggle.com/usdot/nhtsa-traffic-fatalities

OpenAQ: https://www.kaggle.com/open-aq/openaq

Historical Air Quality: https://www.kaggle.com/epa/epa-historical-air-quality\

Traffic Rates:

Lung Disease Rates: https://gis.cdc.gov/Cancer/USCS/DataViz.html

Explanation of D3 feature utilization:

- enter/exit selections?
    - form on top that will allow users to enter data per state
    - NO IDEA
- transitions?
    - Transition when you click on a specific state:

      https://bl.ocks.org/mbostock/2206590
    - Car and Air Pollution density:

      https://observablehq.com/@mbostock/u-s-airports-voronoi
- responsiveness/interactivity?
    - General Map:
        - 2 Buttons: car and pollution:

          https://observablehq.com/@d3/bivariate-choropleth.

          https://observablehq.com/@d3/bubble-map

            - Clicking 'car' button shows the traffic rates in US (via density of red dots)
            - Clicking 'pollution' button shows the air pollution in the US (via darkness of black color)
            - Clicking both buttons will result a black overlay over red dots
        - Clicking on specific state will bring up a modal with bar graphs displaying (traffic rates, air pollution rates, air pollution history, car fatalities, lung disease
- similarity to gallery (github.com/d3/d3/wiki/Gallery) examples? Which and how?
    - Show density per state
        - https://observablehq.com/@d3/bivariate-choropleth. https://observablehq.com/@d3/bubble-map

-Our visualization allows the user to explore the correlation between the amount of cars in a location to the amount of pollution in that location. Then, for each state, show the correlation between traffic rates, air pollution rates, air pollution history, (car fatalities), and lung disease. The data allows the user to question whether there is a truly a relationship between the data or if the data is independent of each other.