**Lab 6**

Video link: <https://youtu.be/JOA8QYAMPt0>

The title of my visualization is transportation fatalities chart.

The reason I chose this visualization is people can easily understand the number of fatalities by year based on the different transportations. For each category, one bar is plotted, and its length along the other axis corresponds with the number of fatalities value associated with the different transportations. Also, people can see increasing and decreasing rate based on the years.

In my visualization, there are 3 variables which are number of fatalities, years, and transportations. I think this visualization is good visualization because people can see the number of fatalities for each transportation. I also think this is the minimum number of variables for this data.

I tried to create different charts such as pie chart, scatter plot, but bar chart is the best way to show number of fatalities and data’s increasing and decreasing flow. Since all these original data needs to be shown, I did not normalize or cur out any part of the data.

For running my app, I used React.js, so you should first run “npm i” command to install the dependencies. Then you can run “npm run start” command to run my lab6 project. These instructions are listed on Readme file.