3-3 Executive Summary

The data used in the visualizations shows us several things. Firstly, it displays the great disparity between Accidents occurring on motor vehicles and planes. There are a few annotations to help display the numeric values of the points. This is to clarify those accidents involving motor vehicles are showing in a scale of tens of thousands of fatalities per million miles driven. In contrast, when these values are examined for plane transportation the values are fractional. This allows us to see that accidents occur at a rate of an order of magnitude more often when traveling via motor vehicle than it does when traveling via a plane.

In addition, the visualizations compare stock prices of two of the most prolific companies in the automotive and aerospace industries, Toyota and Boeing respectively. We can interpret the stock prices of the two companies to be representative of the public confidence in the two respective industries. While Toyota has been more consistent, it can bee see that Boeing's stock price has grown much more in recent years. When it comes to means of transportation confidence is largely affected by the perception of safety. Using this logic, we can conclude that public confidence of the safety of airplanes has been increasing greatly recently. This allows us to make the assumption that the trend is likely to continue upwards, with the public confidence in planes as a mode of transportation increasing with it. With this we can conclude that the aerospace industry will continue to expand. With that expansion will come to all within the industry as well as the giants.

To conclude, Planes are much safer than traveling via an alternative. In addition public confidence has been on the rise over the long run. While we may see dips here and there, they are only temporary.