Michael Gonzalez

DSC 640

Professor Armstrong

**1.3 Project Task 1: Dashboard**

I selected and used the Airline safety dataset with the Auto Fatalities dataset as my supplement data source. My intention of the dashboard is to compare car accidents with accident reports on air travel through historical facts and statistics. The reason for my selection of these visualization was to make it easy for people to quickly understand the information. Starting with the scatterplot visual of fatalities by airlines, a color system showing any correlations between the periods of 1985 -1999 and 2000 - 2014. The next scatterplot visual was for incident by airliners and three had high numbers for the 1985 – 1999 period. The following stacked bar visual was for the top 5 airliners with the most fatalities. It can show that most air travel is safe.

The following cluster graph visual was for fatalities of first world countries airliners and others. It shows that airliners that come from first world countries have safety in mind. The following visual was for incidents of first world countries airliners and others. It showed that first world airliners did only a little bit better than other airliners and there were trends in these periods show high travelling. The line visual was for comparing fatalities of airplane accidents in the world were first world airliners. The pie chart shows car travel is much deathlier compared to air travel. With these finding, I plan to discuss with the internal team through a combination of visuals and spoken words. I would start with a question that will require interaction from them. I would also talk about the key points that did not align from the data to present a balance view. I would also try to make my presentation interesting enough to keep their attention.