**Fatalities - Airline VS Vehicle**

The project analyzes the fatalities in airlines and motor vehicles. The data was collected from Aviation Safety Network (ASN) and Fatality Analysis Reporting System (FARS) for 2020 in the USA. The statistical projection of both industries shows that there were 39000 motor vehicle and 56 airline fatalities. Most of the fatalities in the airline industry were noted in smaller airlines like Cessna, Beech, and Boeing. However, the documented vehicle fatalities were very high for the same period. In addition, highly populated states like California, Texas, and Florida have recorded more fatal accidents than less populated states. The analysis also shows that weather is not a substantial contributing factor to these accidents. And most casualties occurred between 6 PM to 9 PM could contribute due to tired drivers returning home and often contributing to speeding.

Analysis of fatalities for both these industries shows that air travel is much safer than road vehicle transportation. The probability of someone getting hurt in a driving vehicle is comparatively more than in air travel.

There are a few things to note in this analysis, such as the number of airlines flying on a day compared to the number of vehicles on the road on any given day is much different. The analysis concludes that factors like human errors such as speeding, distracted driving, intoxication, texting, and driving might have contributed to many accidents. Based on the given and/or available date, air travel is much safer and more regulated than road transport.

All the research materials and statistics used in this study are gathered from reputable public websites. No confidential and personal information of any individuals is available in the dataset.