Chamala DSC 640 – 3.3

For the blog post, I chose to have simple bar charts to represent the differences between fatalities and the number of departures or miles travelled by airlines and domestic transportation vehicles. I think bar charts are an efficient choice to convey the distinctions between two variables. I did not think it is appropriate to compare the number of miles travelled by vehicles to number of departures by airplanes. So, I chose to have the vehicles data in a separate chart.

The third chart I plotted is a bubble chart and I think it is appropriate to demonstrate how the fatalities caused by flying and driving are vastly different. The fourth visualization is just an infographic explaining the conclusion of the findings.

Fifth graph is also an infographic showing what other factors play a role in choosing flying over driving. This infographic shows the differences in air travel of past and current scenarios. The highlighted aspects are of air fares per round trip of flight, time of travel and number of stops between origin to destination.

The sixth graph is a line graph showing the comparisons of how commodities changed over time with respect to airfares. In the graph, the round-trip airfare is compared to food, public transit, MLB game tickets and movie ticket. It shows that the air fares have not changed much over the years and are more affordable in comparison to other commodities.

Data for these visualizations are collected from various sources –

- ASN Aviation safety Database - https://aviation-safety.net/database/
- Airlines for America - https://www.airlines.org/dataset/annual-round-trip-fares-and-fees-domestic/#
- Airlines for America - https://public.tableau.com/profile/airlines.for.america#!/vizhome/Results_USAirlines/Financials
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