Kiana Gonzalez-Rodholm

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Dashboard Summary

For this dashboard, since this is more for the internal team to review with peers and management, I wanted to first just show a lot of the raw data justifying that the media is wrong in saying that air travel is not as safe anymore. All the charts are showing fatalities and accidents due to air travel and automobiles and the differences between the two. The supplemental data I used was from the NHTSA site which gave me the automobile data across the US. A lot of the data given was over time and that is why I chose mostly line charts. There were also fatality rates per number of drivers, number of vehicles, and per population so I wanted to show that as well compared to flight fatalities per million flights (this is the bottom right bar chart). The area chart on the bottom left shows how the number of accidents has gone down over time, and I called out the minimum and maximum of each type of flight to show how the safety of air travel has gotten better. I kept the color consistent across the whole dashboard for consistency and better understanding, by labeling anything to do with flights in blue, and automobiles in red. I tried my best to eliminate clutter by removing some of the y-axis labels since they were already called out in the headings and removed things like gridlines and excess data. I am still learning how to edit some of the value names, which is why some of them carry off the graph, so I will continue to hone my Tableau skills as the course progresses. My plan would be to present these findings in Tableau as to make the dashboard more interactive than a PDF since you can over specific values and labels.

Resources/Data:

* [Fatality Analysis Reporting System (FARS)](https://www.nhtsa.gov/research-data/fatality-analysis-reporting-system-fars), NHTSA
* [Accidents and Fatalities Per Year](https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5_fpOkYOrJvd68V7iy6etXy2cetb8/edit#gid=1448957446)