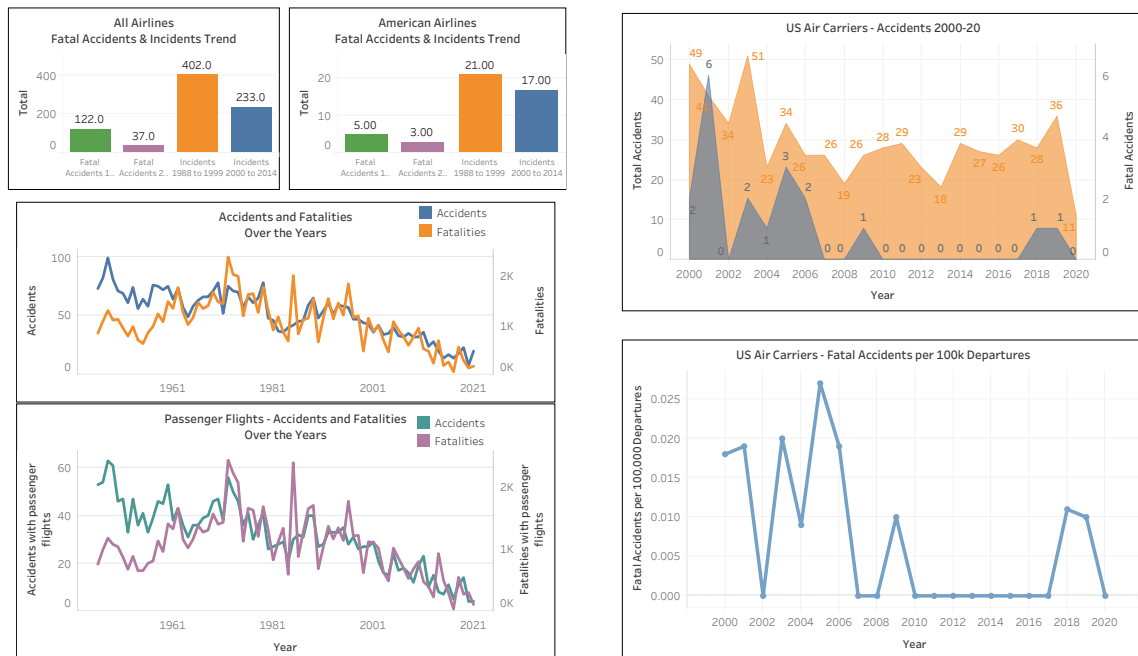


Airline Safety – Dashboard



Summary:

For this project, I am working for American Airlines, and I have created this dashboard of this project. In my dashboard, I have created 6 visualizations to simply and directly explain the motive that the airline safety has been significantly increase in past few years. All these visualizations are straightforward and can be easy interpreted by my team. The objective is to have them not baffled with puzzling graphs. These graphs represent the actual data so it can incline them to gain trust and on our Airlines safety against the negative publicity that is spread by the media right now.

For my presentation to my internal team, I would like to start with addressing the problem first. What is media trying to do and what may be the reason that led them to spread this

negative publicity. Later I want to explain the fundamental problem of airline safety and why American airlines has little reason to worry about the negative publicity. Each graphical representation has its own significance.

All Airlines Fatal Accidents & Incidents Trend – tells us how Fatal Accidents decreased 70% during the two 15-year time periods from 1985-1999 and 2000-2014. And there was 60% decrease in the Airline Incidents during same period. And in the American Airlines Fatal Accidents & Incidents Trend – I wanted to show the decreasing trend of Fatal Accidents and Incidents for American Airlines. There is a decrease in both the numbers during the same periods. Accidents and Fatalities Over the Years – shows us the decreasing trend of Accidents and Fatalities over the years for all types of air travel. Passenger Flights - Accidents and Fatalities Over the Years– shows us the decreasing trend of Accidents and Fatalities over the years for passenger flights only. US Air Carriers - Accidents 2000-20 graph show us the comparison Total Airline accidents and the accidents that fatal over the years. We can see the decreasing trend here too. And finally, US Air Carriers - Fatal Accidents per 100k Departures graph shows us the decreasing trend over the years for the number of Fatal Accidents per 100k departures for all the airlines.