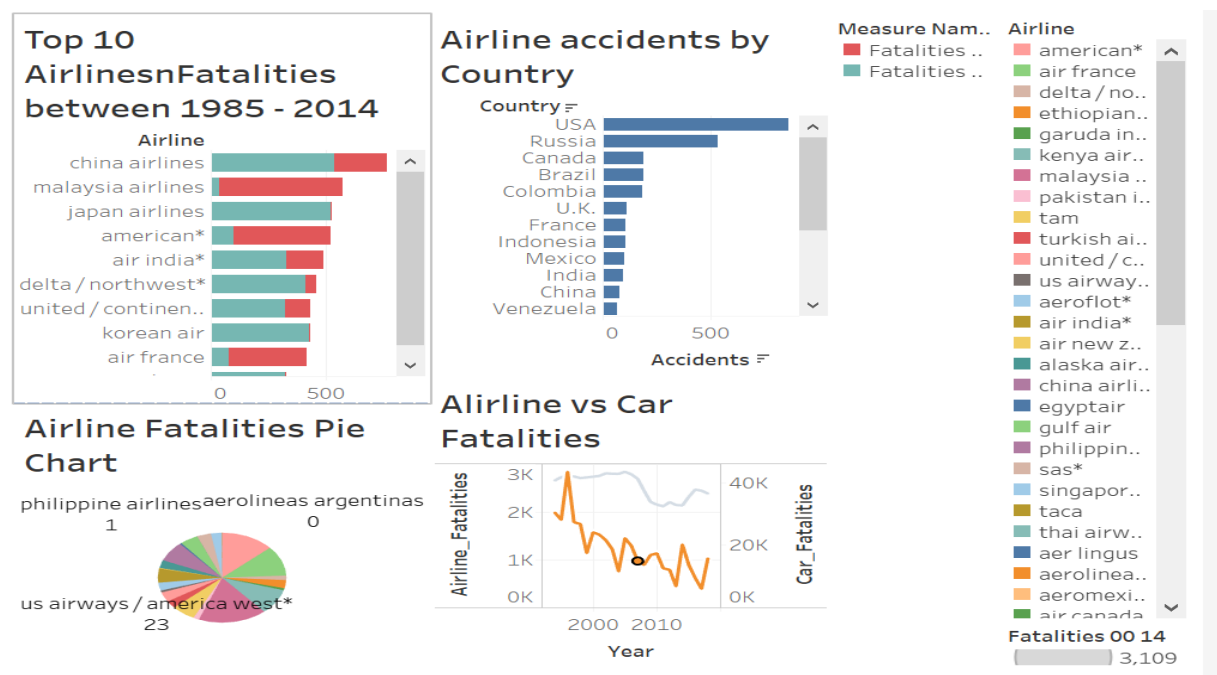Airline industry has been a revolutionary change in transportation across the world before airplane invented people used to spend months on oceans while traveling across countries. The airline industry has always been main choice for transportation of long distances for majority of the population. While there are some concerns with safety, overall, the air is safer for travel than the ground. Media outlets try to exaggerate the airline crashes, happened in the last 4-5 years. Media is comparing the air travel with automobile and claims that air travel is not a safer option, one thing that we can observe is airplane accident involves multiple fatalities and catches everyone's attention, whereas a single automobile crash involves fewer fatalities, below are few graphs showing the facts.

To show the direct comparison between airline vs car fatalities, line plot is drawn with number of fatalities in airline vs automobile crash every year. Graph clearly shows that automobile fatalities are more consistent every year with numbers upward of 30,000 whereas fatalities in airlines in the range of 500-4000. We can see more clearly in the airline accidents and fatalities bar graph that the number has significantly decreased in the more recent years.

Bar chart drawn to show the airline fatalities between 1985-2014 by airline shows that fatality numbers have decreased over the period of time, this can be attributed to advancements in technology and safety precautions taken by airline companies across the world. Number of fatalities in recent past due to unfortunate 2001 attack incident involving serial plane crashes, otherwise numbers would have been very impressive. So, based on above charts and numbers I can say air travel is much safer than automobile.

References:

- https://catalog.data.gov/dataset/accidents-fatalities-and-rates-1995-through-2014-for-u-s-air-carriers-operating-under-14-c

- https://www-fars.nhtsa.dot.gov/Trends/TrendsGeneral.aspx

- https://www.bts.gov/topics/airlines-and-airports-0

- https://docs.google.com/spreadsheets/d/1SDp7p1y6m7N5xD5_fpOkYOrJvd68V7iy6etXy2cetb8/edit