# Air travel safety: Infographic Details

The infographic is created for external audience. The idea is to spread a positive message and awareness about airlines safety and support the visuals with data evidence. Infographic should be easily readable while grabbing the quick attention of the audience.

The title that I have given to the infographic is “How safe is air travel”. In the first visualization I highlighted how safe air travel is, compared to other modes of transportation. Its easy for the audience to relate to this visualization because we use other modes of transportation on a daily basis and everyone has the opinion that they are the safest way of traveling. So, I wanted to compare airline fatalities against road transportation, railways and marine. The external data source for this statistic is cited in the reference section.

In the next visualizations, I have shown Airlines fatalities in USA over the years. I have shown the fatalities count from 2000 to 2018(line chart) and also the fatality rate per 100 million miles(bar chart). From these two visualizations, we can see that airlines fatalities are decreasing over the time and most importantly they are not up-trending.

Last two visualizations are more on what country airlines are safest compared to others. In these two visualizations, I saw the airlines operated by first-world countries are safer than the rest of the world. I depicted the top 5 airlines with most fatalities on world map. The last pie chart intuitively shows us that majority of the fatalities are occurred in airlines not operated by first-world countries.

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## References:

1. https://www.ntsb.gov/investigations/data/pages/data\_stats.aspx

2. https://fivethirtyeight.com/features/should-travelers-avoid-flying-airlines-that-have-had-crashes-in-the-past/

3. https://www.bts.gov/content/us-air-carrier-safety-data