# Air travel safety Presentation

This video 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. External audience should be able to connect to the topic and easily understand the visuals while keeping them interesting during the presentation.

The title that I have given to the presentation is “Airtravel safety”. In the first slide I talked about how airline fatalities 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.

Not just the modes of transportation, I also wanted to draw the comparison against the normal causes of deaths in our daily life. This will give help the audience get a perspective on airline fatalities versus the common causes of mortality that we hear every day. So, I wanted to compare airline fatalities against road transportation, railways and marine. The external data source for this statistic is cited below the visual.

In the next slide, I talked about how airlines fatalities are falling in the US over the years. I have shown the fatalities count from 2000 to 2018 in a line chart. I also talked about the fatality rate per 100 million miles. I used bar chart for this visualization. Audience can quickly connect how fatalities rates are falling over the years in US from these two visualizations. These two visualizations also capture the trend of Injured persons, fatal accidents

Last two visualizations are more on what country airlines are safest compared to others. In these two visualizations, I talked about the airlines operated by first-world countries and rest of the world airlines. From the visualizations, I want to show the audience that 95% of fatalities are from the rest of the world airlines and its much safer to travel in airlines that are operated by first-world countries. I used spatial chart to show the top 5 countries with most fatalities from 1985 to 2014. In the right hand side pie-chart, I have visually shown that big chunk of fatalities are not occurred in the airlines operated by first world countries.

In the last slide, I summarized a few points on the topic for the audience and I kind of recapped some of the points which I already discussed in the previous slides.

## 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>

4. [<https://www.cdc.gov/nchs/fastats/accidental-injury.htm>](https://www.cdc.gov/nchs/fastats/accidental-injury.htm)