

For my final presentation, I had picked the PowerPoint presentation with voice recording. I searched for different references to understand airline traffic. Firstly, we are showing the number of average flights handled in a day and during peak hours. This shows the number of flights on air. Followed by, I am comparing the Fatalities, Incidents and Fatal accidents in the years of 1985-99 vs 2000-14. I not only compared that, but I also looked for the airlines which most number of fatal accidents in 1985-99. Then understand to see if they have improved in the next 15 years. Then, we compared the number of crashes between automobiles and airlines. If there is a reduced number of crashes, I wanted to check if the number of people tend to choose airlines has increased. Finally, I am checking for the Operational Revenue of airlines. I tried to pick the colors rightly and visualizations.

While presenting to an internal audience, we will try to be more specific on the airline industries to understand the crashes, earnings, and passenger preferences of each airline. Where, when we work on the external audience, I have tried to remove the airline details, as it matters the same whether, airline X has more accidents or airline Y. While presenting to an internal team, we might not explain each and every detail about the concept. Whereas, while presenting to an external audience, the graphs should be explained in detail. Since they need to understand from beginning till end.

If done again, I think I will be choosing a different data reference and try to add more details to the analysis.

To help the audience to understand the reality of airline safeties and improvements. I would like to walk through the data with real statistics. There are around 45,000 average daily flights and 5400 aircraft during the peak operation timings. There is a reduction in Fatalities, Incidents, and fatal accidents in the year 2000-15 when compared to the previous 15 years. Not only one airline has put a good step forward to improve the safety measure. Almost all airlines have worked on improvements in the year 2000-15. The rate of accidents has reduced over the years. With passengers having increased the number of crashes has decreased.

Based on the data above, the airline industry has put a good foot forward to implement the technology to improve each traveler's experience better. Which is clearly accepted by people around the world (the same is reflected in the passenger count). So, we can conclude that Airline travel is safe.