**Project -Dashboard**

Used the below datasets to prepare the Dashboard.

1. Airline-safety
2. Accidents and fatalities per year
3. Crash-reports as supplemental dataset

This presentation is to understand the overall change in Airline safety over the last few decades and how it compares to other mode of transportations .

Below steps are followed while preparing the overall presentation and analysing the data.

1. Overall study of the available dataset and any correlation between different datasets
2. Choosing the right dataset for the presentation

I choose the below visualizations based on different reasons.

1. Rank by no of accidents between 85-99

This visualization shows the ranking of different airlines based on no of accidents its involved in between 85 and 99. It shows China and japan airways were most unsafe airlines in between those years.

1. No of incidents from 1985 – 2014

This chart changes lot of things from the earlier visualization. Based on this graph, it shows Aeroflot airline is having more incidents as compared to any other airlines. Also it shows how the no of incidents have reduced dramatically between 1999 and 2014 as compared earlier years. This shows how the safety standards have been improved over the last decade.

1. No of crashes over last 100 yrs

This visualization shows the trend of airline crashes over last 100 years. This shows the no of crashes in 1920 is less then the no of crashes in 2020 but it misses one main point, The no of flights . This attribute is obviously much lower in 1920 as compared to 2020 but its not shown on the graph. But overall it shows that the airline crashes have come down significantly in recent years.

Similarly other visualizations such as ‘Incidents vs fatalities vs fatal accidents’ and ‘no of accidents by seat km between 85-99’ also supplement the same theory that the overall the safety standards have improved a lot in recent years and the air travel incidents have gone down.