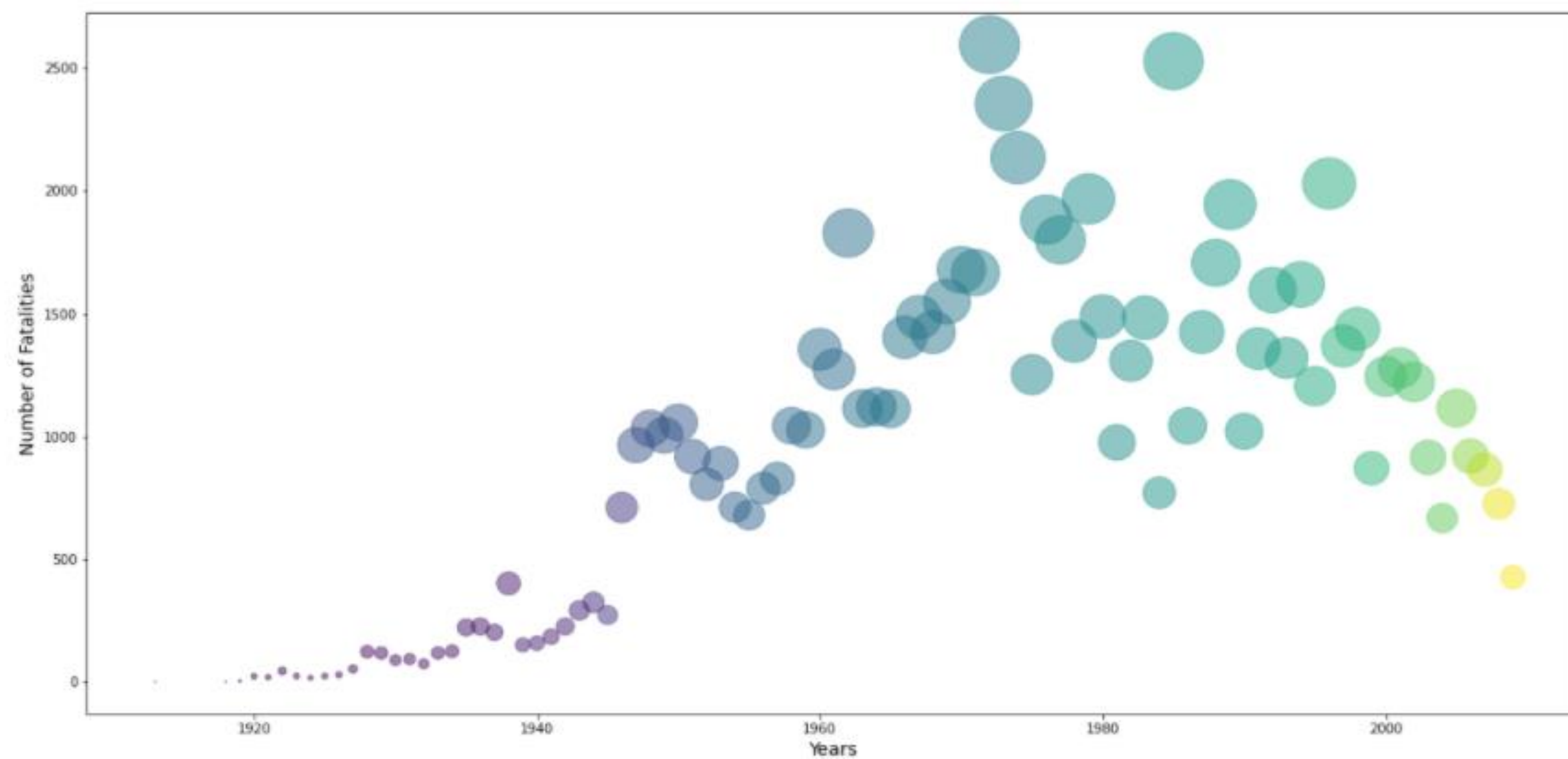


Air travels the safest way to travel!

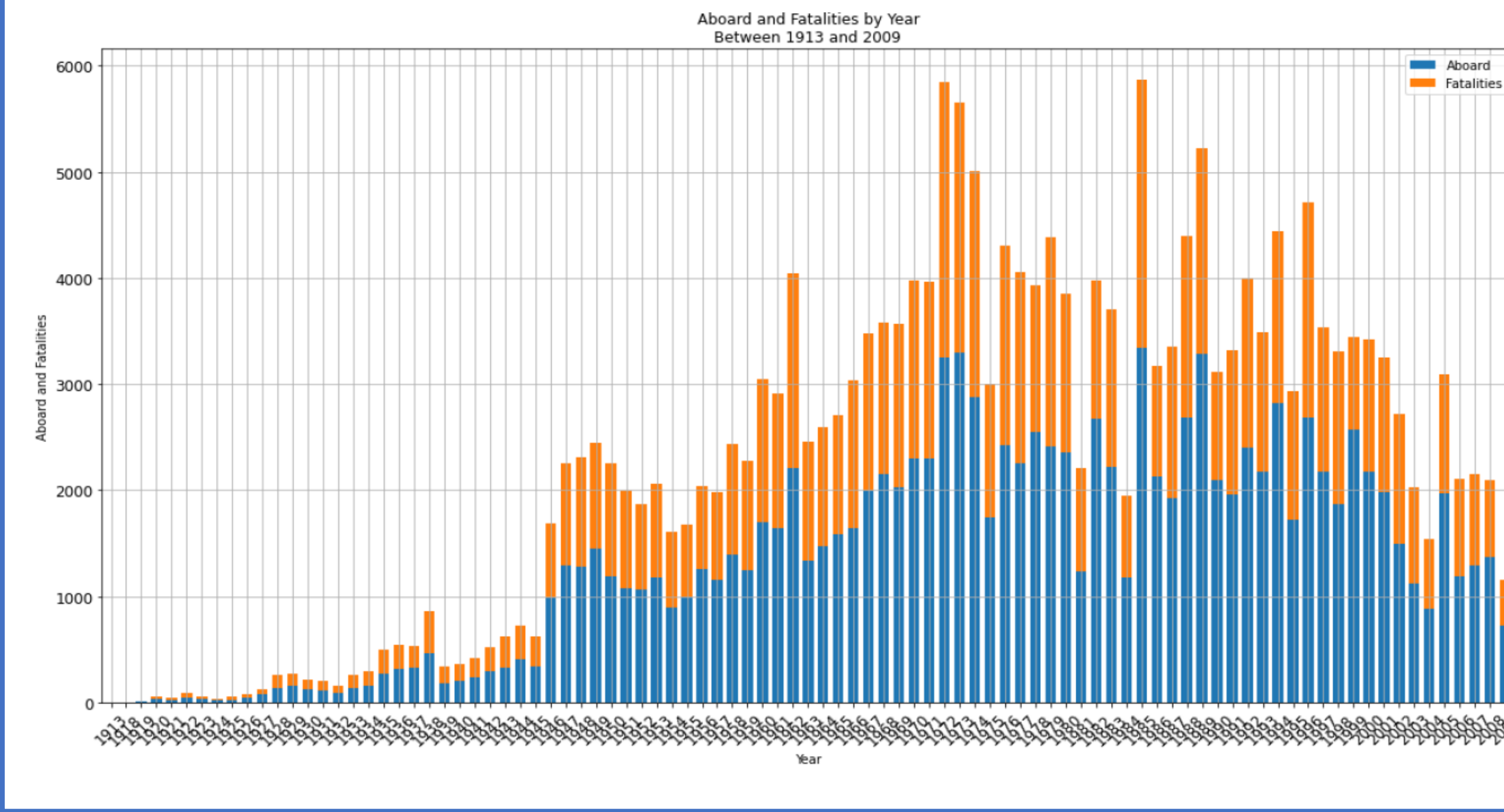
Mario Aldana | DSC 640 – Data Science - | Bellevue University

This infographic shows charts and figures about the trends of airline safety. You can see the real facts related to commercial air accidents. For that, we will take a tour through the years, from 1913 to 2009. It shows the trends of aircraft that have had the most accidents and the places where they have occurred.

In this bubble plot, you can see the number of fatalities in air accidents from 1913 to 2009 by the size of the bubbles. The smaller the bubbles, the smaller the number of fatalities. You can see that the trend in air accident fatalities has decreased dramatically since the nineties.



This Stacked bar chart shows the number of passengers aboard with fatalities by year. For the peace of mind of the airlines and passengers, accidents have been decreasing since the 90s.

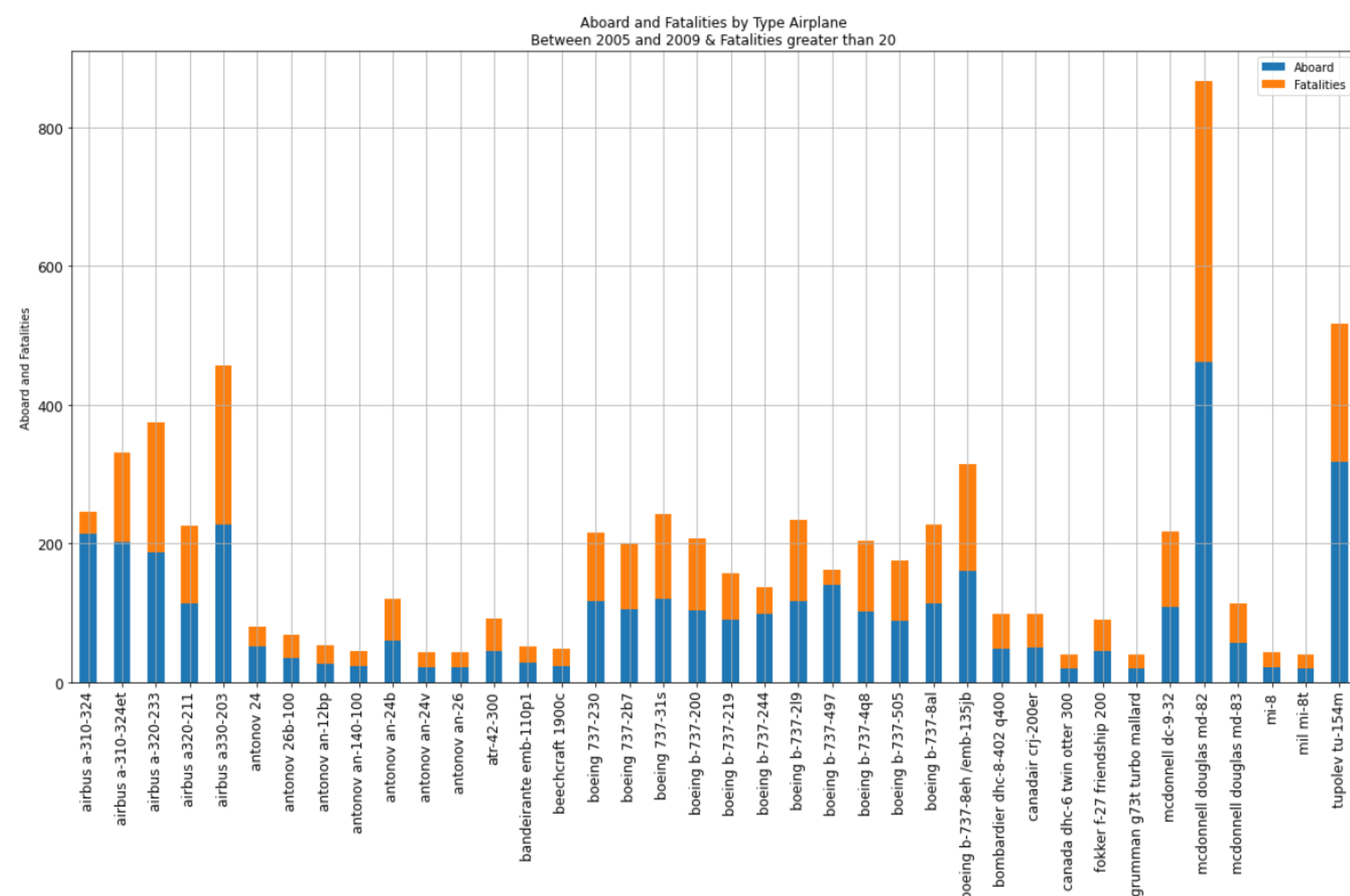


A A340-600 Airbus

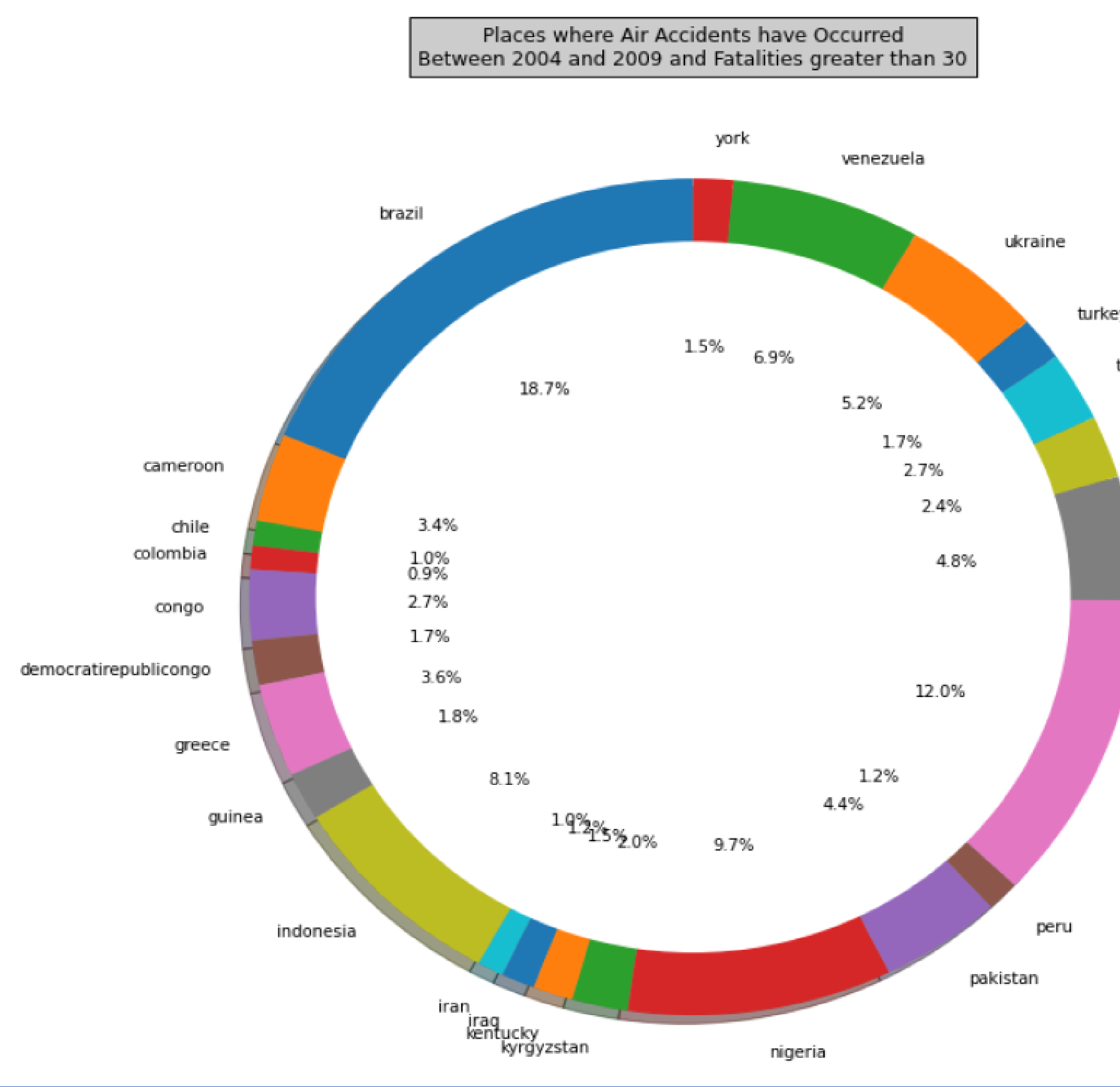
The aircraft – which can be used effectively in commercial, corporate or government operations – includes state-of-the-art technologies such as weight-saving composite structures and a fuel-saving aerodynamic design, along with pilot-friendly cockpits, flight controls and systems.

airbus.com/aircraft/previous-generation-aircraft/a340-family/a340-600.html

This Stacked bar chart shows the number of passengers aboard and fatalities (>19) by type airplane between 2005 and 2009. The types of aircraft most involved in air accidents are McDonnell MD-82 and Tupolev.



In this Donut chart, we can see the places with the most fatalities (> 30) between 1999 and 2009. Brazil, Russia, Nigeria, and Indonesia have seen the highest number of fatalities.



Conclusion

In the trends shown in the visualizations, we discovered, for the peace of mind of the airlines and passengers, air accidents have been decreasing since the 90s. There are very few types of airplanes involved in plane accidents. The types of aircraft most involved in air accidents are McDonnell MD-82 and Tupolev. Also, there are few places on the planet where the highest number of plane accidents and fatalities have been concentrated, among them, Brazil, Russia, Nigeria, and Indonesia.