

This infographic is to inform the audience of the safety of air travel. It is broken into three sections. The first section shows the decline of airline accidents (Chart 1) and fatalities (Chart 2) from 1970 to 2020. For these charts, I used line plots to show the trends over the time period. My overall goal for these charts was to show the declining trend over the years. Therefore, I only included the starting and ending year on the charts and omitted the axes. The second section shows the travel mode safety comparison of fatalities associated with vehicles, pedestrians, motorcycles, airplanes, and bicycles. I used a bar chart (Chart 3) to show the total fatalities associated with each mode of transportation from 1995 to 2018. I used a blue gradient color palette to represent each mode. I used a stacked area chart (Chart 4) to show how the fatalities per mode have changed over the time period, using the same color palette as Chart 3 for consistency. I decided to add cloud, sun, and airplane graphics to the chart, as the color scheme reminded me of clouds in the sky. The last section shows the comparison between airlines. I used a bar chart to show the accidents per 5 million flights for ten airlines. I used a bright, contrasting color to highlight JetBlue having the lowest number of accidents per flight. I used the same colors in the line chart (Chart 6) to show average ticket prices of JetBlue compared to all domestic airline from 2011 to 2020.

## Sources

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**Github repository:** [https://github.com/afemal/Airline\\_Safety/blob/main/Task%204/Infographic.pdf](https://github.com/afemal/Airline_Safety/blob/main/Task%204/Infographic.pdf)