

## Blog Post

**Project:** Create a Power Point briefing to present the facts and figures relating to Airline Safety from 2000 – 2019. The objective is to analyze the data and confirm or deny the concerns surrounding airline travel. The goal is to convey the message that Airline travel is a far safer mode of travel than vehicular travel by showing a comparison of similar metrics.

**Design Methodology:** Present a comparison of Airline and Vehicular metrics. The metrics include a comparison of airline miles flown and vehicular miles driven. The final metric compares the number of fatal accidents. Lastly, a table from the National Safety Council lists the rankings of the Causes of Deaths with the associated Odds Ratios.

Each segment has its own color to visually separate the metrics. The subdued hues of blue and red, provide the contrast and distinction for the graphs. There is a balance of white space around all objects to provide for an uncluttered landscape. The fonts and lettering are consistent across all graphs to provide symmetry and cohesiveness.

**Datasets:** The datasets for blog post are:

- fhwa.gov (n.d.). Average Annual Miles per Driver by Age Group. <https://www.Fhwa.Dot.Gov>. Retrieved October 21, 2021, from <https://www.fhwa.dot.gov/ohim/onh00/bar8.htm>
- BTS. (n.d.). *U.S. General Aviation Safety Data*. Bureau of Transportation Statistics. Retrieved September 26, 2021, from <https://www.bts.gov/content/us-general-aviationa-safety-data>
- NTSB. (n.d.). <https://ntsb.gov/safety/data/Documents>. Retrieved September 26, 2021, from [https://ntsb.gov/safety/data/Documents/AviationAccidentStatistics\\_2000\\_2019\\_20200902.xlsx](https://ntsb.gov/safety/data/Documents/AviationAccidentStatistics_2000_2019_20200902.xlsx)
- www.fhwa.gov. (n.d.). *Highway Statistics Series - Policy | Federal Highway Administration*. Retrieved October 10, 2021, from <https://www.fhwa.dot.gov/policyinformation/statistics.cfm>
- National Safety Council. (2021, March 4). Odds of Dying. Nsc.Org. Retrieved October 21, 2021, from <https://injuryfacts.nsc.org/all-injuries/preventable-death-overview/odds-of-dying/>

**References:** In addition to the dataset sources, the following references are cited in the blog post:

- fhwa.gov (n.d.). Average Annual Miles per Driver by Age Group. Retrieved October 21, 2021, from <https://www.fhwa.dot.gov/ohim/anh00/bar8.htm>
- Statista. (2021b, July 21). Number of aircraft in the United States 1990–2021. Retrieved October 02, 2021, from <https://www.statista.com/statistics/183513/number-of-aircraft-in-the-united-states-since-1990/>

**Github Link:** <https://github.com/cjorosco/DSC640/tree/main>

**Blog Post Link:** <https://orosco-yaks.blogspot.com/2021/10/if-you-believe-airline-travel-is-not.html>