

Supported Documentation for Infographic

The overall goal of my Infographic was to catch a person's attention on first site. I formatted the infographic to be able to be used as a wall poster if blown up or generated into a pamphlet for future use in airports. To gain the readers attention, I created a title that featured a question that makes the reader think if they are truly nervous about flying or not. Once they have their eyes on the infographic, they interact with colorful bar chart that presents how many flights go in the air per year. From the bar chart, they understand that many people fly throughout the year and it is a very common thing to do. After that, the reader reviews a line chart presenting how low fatality counts are on flights, which allows them to see not all fatalities are crash related. Once understanding that, I present the reader an area chart of how many vehicle occupants die from Motor Vehicle crashes. This helps the reader understand how safe air travel is. On the next portion, I present the reader a fact about how difficult of a process is to come a pilot, which provides the reader comfort about flying. Lastly, I present the reader that airlines work hard to guarantee their safety on flights, this provides comfort to the person who may be attending their flight shortly. All graphics also have captions, so the reader does not get lost while reading the Infographic. I have attached my github link below and all my sources and supplemental datasets are within the reference section below.

Best regards,

Manuel Duran.

Design\Story Telling Methodology

- Chart Types
 - Bar Chart: presents the number of flights that have occurred from 2017-2021
 - Area: Displays motor vehicle fatalities from 2006-2018
 - Line Chart: displays flight fatalities from 2006-2020
- Labels
 - All charts and graphs labeled appropriately.
- Story Telling
 - I utilized all the information and tips provided from our text *Story Telling with Data* and the website Visme for design ideas.
 - All documentation has been geared to people who are interested in the flight industry safety.
 - Supplemental datasets have been used within my Infographic.
 - Sources have been cited below.
 - All other sources from previous task can be found below as well.

GitHub REPO: <https://github.com/mannyoduran/DSC640>

Work Cited

Aircraft Accident and Incident Reporting. (n.d.). Eaa.Org. Retrieved April 11, 2021, from

<https://www.eaa.org/ea/aircraft-building/BuilderResources/next-steps-after-your-airplane-is-built/operating-articles/incidents-accidents-emergencies/aircraft-accident-and-incident-reporting>

Cleartrip Pvt Ltd. (2016, May 31). *10 Worst Accidents in Air-Travel History*. Collections.

<https://www.cleartrip.com/collections/10-worst-accidents-in-air-travel-history/>

Primary \ Supplemental Datasets Utilized

Dmil. (2018). *fivethirtyeight/data*. GitHub.

<https://github.com/fivethirtyeight/data/tree/master/airline-safety>

Statista. (2020a, November 26). *Leading airlines worldwide - based on total number of*

passengers 2019. [https://www.statista.com/statistics/269617/top-10-airlines-worldwide-](https://www.statista.com/statistics/269617/top-10-airlines-worldwide-by-number-of-passengers/)

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Statista. (2020, December 2). *Global air traffic - number of flights 2004–2021*.

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