Project Task 3 – Blog Post

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DSC 640: Data Presentation & Visualization

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This task is to write a blog for the media to support my findings that air travel is still safe. In the previous task, I used historical data available to me to present facts to the American Airlines executives about air travel incidents, accidents, and fatalities. My findings showed that flying has become safer, and I was able to successfully communicate this information to the executives using simple graphs like line charts, bar charts and a map.

For this blog, I chose 3 visualizations that are more general, not American Airlines specific, because I want my blog to not be tied to the company at this time. The first two visualizations clearly show how the number of accidents has decreased even though air traffic has increased. I believe this is one of the most important facts we need to communicate to the public. The third visualization I chose was the world map, this shows that the most fatal accidents in 2021 were not in the United States, this will give Americans an additional sense of safety. As far as colors, I chose blue and orange for most of my visualizations because these are easy to read and differentiate, they are also good for colorblindness as I am sure many people who read my blog post could have this condition. I annotated some points in some of my visualizations to make sure the readers would notice those important points.

The idea of the blog post is to bring back the idea that flying is safe, an ethic concern would be if a plane crash were to happen in America or in the United States with many fatalities. This could drastically affect my source data, research, and visualizations and make my findings no longer as relevant as they currently are.

References:

[Accidents and Fatalities Pery Year](#)

Locsin, Aurelio. (2022, May 8). Is Air Travel Safer Than Car
    Travel?. *traveltips.usatoday.com*. Retrieved from https://traveltips.usatoday.com/air-travel-safer-car-travel-1581.html

Bureau of Aircraft Accident Archives. https://www.baaa-acro.com/crash-archives?field_crash_operator_target_id=American%20Airlines%20(30864)

https://github.com/fivethirtyeight/data/blob/master/airline-safety/airline-safety.csv

Github:

https://github.com/asfuentes01/DSC640.git