

Project Task 5: Video Summary

DSC640

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Summary

[Link to Github](#)

Applied Design methodologies

The design for Infographic follows guide **from Chapter 7: Story Telling with Data**.

Visual elements

I geared this part of the information towards public in United States. So, instead of using only data science visuals, I also used many other visual elements **such as animated videos of planes, and other graphics to get audience attention**. First, I mentioned global statistics of passengers and number of flights traveled in 2019. To do this I used animated map with planes and then time lapsed video of people moving airport, then I mentioned fatalities rate globally, for this I used **Global Fatalities rate per 1 million passengers** (Same chart from Blog Post)

Then, I introduced U.S specific statistics about airplane accidents and other types of crashes. To incorporate this information, again I **used Global Map with emphasized on United States**. For this part of the video, I started with discussing about how airplane safety has increased over time, and that fatality rates have declined, while surviving rates have inclined.

I quickly moved towards car crash to show what are the odds of plane crash vs. automobile. For this part, I used animated slides to show car crash and then used **Accidents per 100 million miles traveled and Fatalities per 100 million miles traveled** (Same charts from Blog Post) Then I briefly mentioned the last crash U.S had in 2009, and since then fatalities are almost 0.

I ended it with closing statement that flying has been safer in recent times, since last plane crash. U.S airlines haven't had single commercial airline fatalities. (the two they had was non-passenger and international flight that was not U.S Based).

Even though, this was geared towards public, I used a less formal approach to make it more interesting for the audience. I watch multiple YouTube videos to get some ideas about doing a video presentation. I used Canva for this and I did script it (post in GitHub), but I had lots of difficulty recording it due to Canva not connecting properly. I ended up re-recording multiple times.

Ethical Considerations

One ethical issue I would like to mention, when I was watching other videos regarding airline safety. Everyone's number and estimations look different, and when I was doing the project Task 1, I noticed that numbers were not exactly matching, everything just seemed like it is based on estimated numbers but not true numbers. So, presenting it to the public without being sure, did not seem like a right thing to do. If I had more time then I would've like to do little more research and gather correct numbers.

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