Executive Summary

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Data Presentation and Visualization

10/06/2022

Airline transportation is considered a safe form of transportation. The two graphs illustrate airport transportation safety. First, the pie chart establishes that it’s the safest form of transportation. The scatter plot looks at the decline of fatalities in airline transportation with a death toll after 2003 staying consistently low. There hasn’t been a rise in fatalities to give any indication that flying has become more dangerous. There were two different reports on financials. One of the reports is a global net profit report and the second is a net profit for the United States. Both financial reports give the same outcome. COVID caused a major profit decline in 2020. In 2021 airlines were getting close to being profitable again. It was important to distinguish whether the ticket sales were just more expensive to make up for the loss in profit or if people were starting to return to the airlines. A report from U.S airline passenger shows that people are starting to fly more than in 2020. These two reports correlate with one another. The more people fly, the more the airline profits. Both show an upward trajectory. We established that the people and leaders are starting to perceive climate change as dangerous. This can be a huge motivator for the media to perceive airplanes are dangerous. Therefore, it’s risky not to consider people’s perception on air travel. With that said, the last graph shows the measures that the airlines are taking to reduce carbon emission. They are calling it the decarbonization of aviation with a plan to get to net zero by 2050 (Vigeveno, 2022). Having a plan is crucial to combat it. By adjusting the operation, it can lead to a reduction by at least half. Also, with new technological advances like electricity and biofuels, it’s possible to reduce carbon emissions indefinitely. Essential the ethical implication stands on how the message is delivered. My data paints a picture that there is nothing to worry about. The audience might listen, but still not understand the message. When we deal with finances there is always room for error.

Work Cited

Vigeveno, H. (n.d.). *Aviation's flight path to a net-zero future*. World Economic Forum. Retrieved October 6, 2022, from https://www.weforum.org/agenda/2021/09/aviation-flight-path-to-net-zero-future/