**Week4: Assignment**

Rajendra Prasad Ponnam

Data Presentation & Visualization, Bellevue University

DSC640-T301: Week4 Assignment

Professor Catherine Williams Catie

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**Blog post URL:**

<https://datapresentationandvisualization2023.blogspot.com/2023/02/safe-to-fly-in-airlines.html>



**Safe to fly in Airlines?**

Travelers should consider some factors — safety protocols, seat spacing, aircraft cleanliness, and flight time — for both types of flights. The main differentiating points to look at when deciding whether to fly domestic or international.

**Graphical user interface

Description automatically generated with medium confidence**

I have created above chart to understand the airline incidents from 80’s to present. I’m seeing there is huge decrease in the airline incidents. In the past the airline incidents are 400+ but now it is reduced to 200. There is half of decline airline incidents.

**Airline Fatal accidents:**

I’m trying to compare fatal accidents from 1985 to 1999 and 2000 to 2014. To identify the fatal accidents by airline.

Chart, bar chart

Description automatically generated

A picture containing graphical user interface

Description automatically generated

I have taken delta airlines to understand the airline fatal accidents by observing above chart we can say the airline fatal accidents are decreasing over the period time.

**Is traveling by air safer than a car?**

Traveling via airline is by far safer than a car.

Between 2015 and 2020, for passenger cars, there were:

32,283,954 total crashes

8,831,566 total injuries

78,463 total fatalities

Between 2015 and 2020, amongst large commercial airlines, there were:

176 total accidents

111 total injuries

5 total fatalities

Chart, line chart

Description automatically generated

**Conclusion:**

The airline accidents are decreasing every year and people wants to save their time in because of that most of the people are interested to travel by airline.

**References:**

1. Dean, R. D., & Whitaker, K. M. (1982, July). Fear of Flying: Impact on the U.S. Air Travel Industry. Sage Journals. Retrieved December 12, 2022, from https://journals.sagepub.com/doi/abs/10.1177/004728758202100104

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