

# Summary - Term Project 640

The objective of this analysis is to understand if the problem statement laid by media stating that air travel is no longer safe travel, is true or not. For my research, I have used the 2020 dataset of airline and vehicle accidents to determine which travel is safer than the other. An Exploratory Data Analysis will be performed on the dataset to discover patterns and summarize the characteristics of the data using graphical representations in Power BI.

ASN (Aviation Safety Network) database provides Worldwide accidents and hijackings involving airliners (12+ passengers), corporate jets, and military transport aircraft since 1919. For this project, the analysis will be done only on the USA dataset. Per the data sourced, it shows only 56 fatalities are recorded. Most of them happened in Quarter 1. Cessna flights happened to be involved in the accidents more predominately than other.

NCSA (National Center for Statistics and Analysis), an office of the National Highway Traffic Safety Administration (NHTSA), has been responsible and supporting the community. For my research, I have selected 2020 data. There were 31000 fatalities. California, Texas, and Florida had recorded fatalities compared to other states. Mostly Cars (43%) and Light trucks (33%) were used by people during their accidents.

The risk associated with traveling in a vehicle weighs more than flying. The numbers prove it. Media can create hoaxes and has created a wrong impression on their customers. Some travelers might have fears about flying but statistically is proven flying is safer than vehicles.

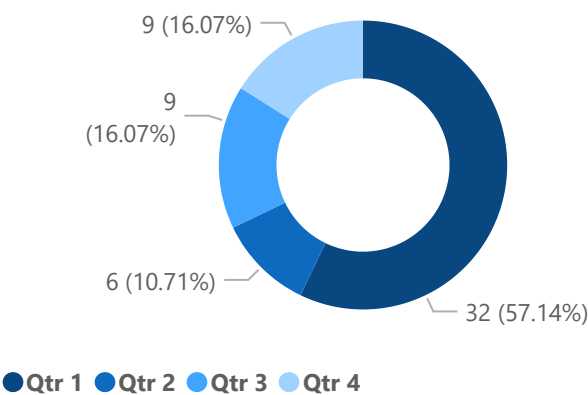
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## AIRLINE ACCIDENTS 2020

56

Fatalities

Count of Fatalities by quarter



Type of Flights in Accident

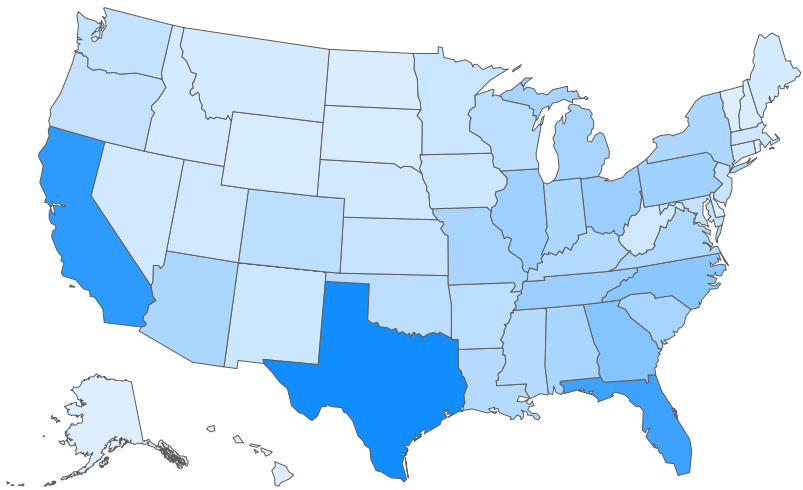


## VEHICLE ACCIDENTS 2020

31K

Fatalities

Fatalities by State



Type of Vehicles in Accident

