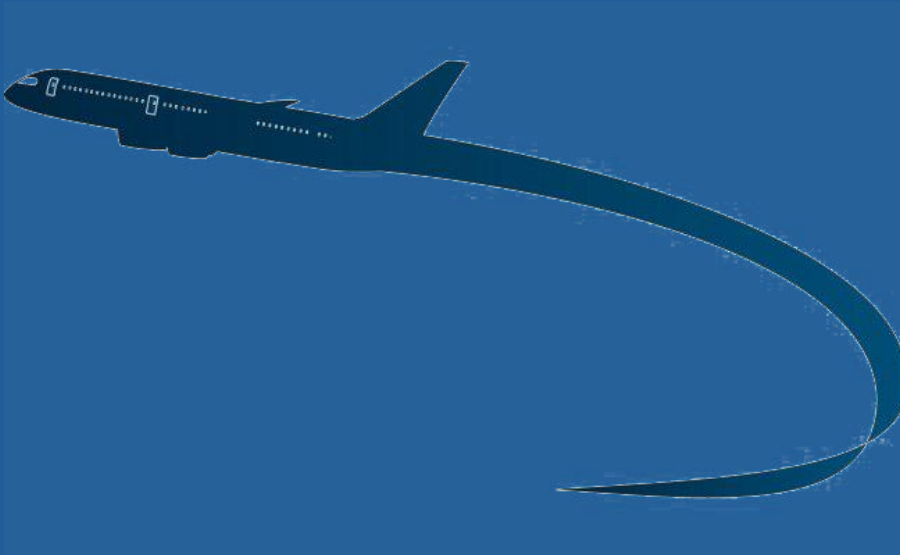


Analysing Aircrafts Accidents in the USA



Overview



- **Business Understanding**
- **Data Understanding**
- **Data Analysing**
- **Recommendation**
- **Conclusion**

Business Understanding

In this Project,we are dealing with a Dataset related to Aviation Accidents to get insight into the causes of accidents in the Aviation Industry.The main goal of the project is to investigate which factors contribute to aviation accidents for the company to invest in.The Dataset various aspects such as Aircraft type, flight number, and location where the accident occurred.

Data Understanding

Data Cleaning

Converting Dataset to CSV

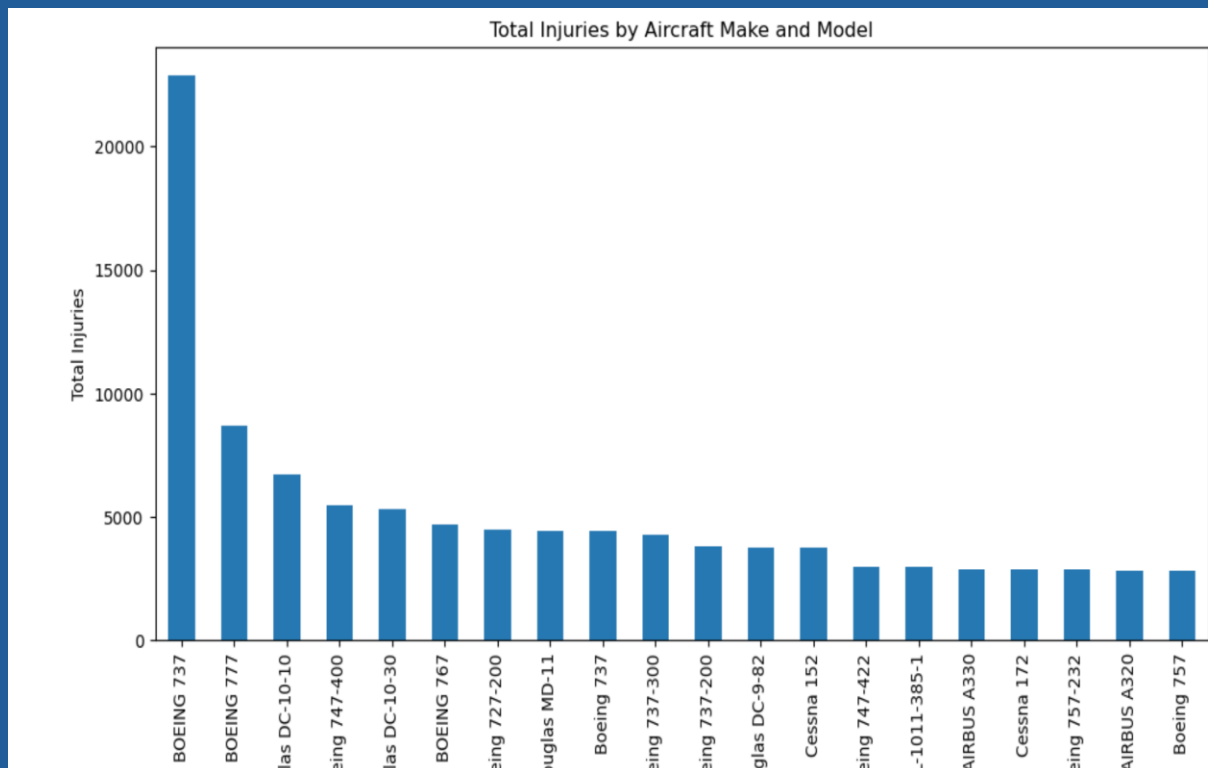
Dropping duplicates

Handling missing values



Data Analysis

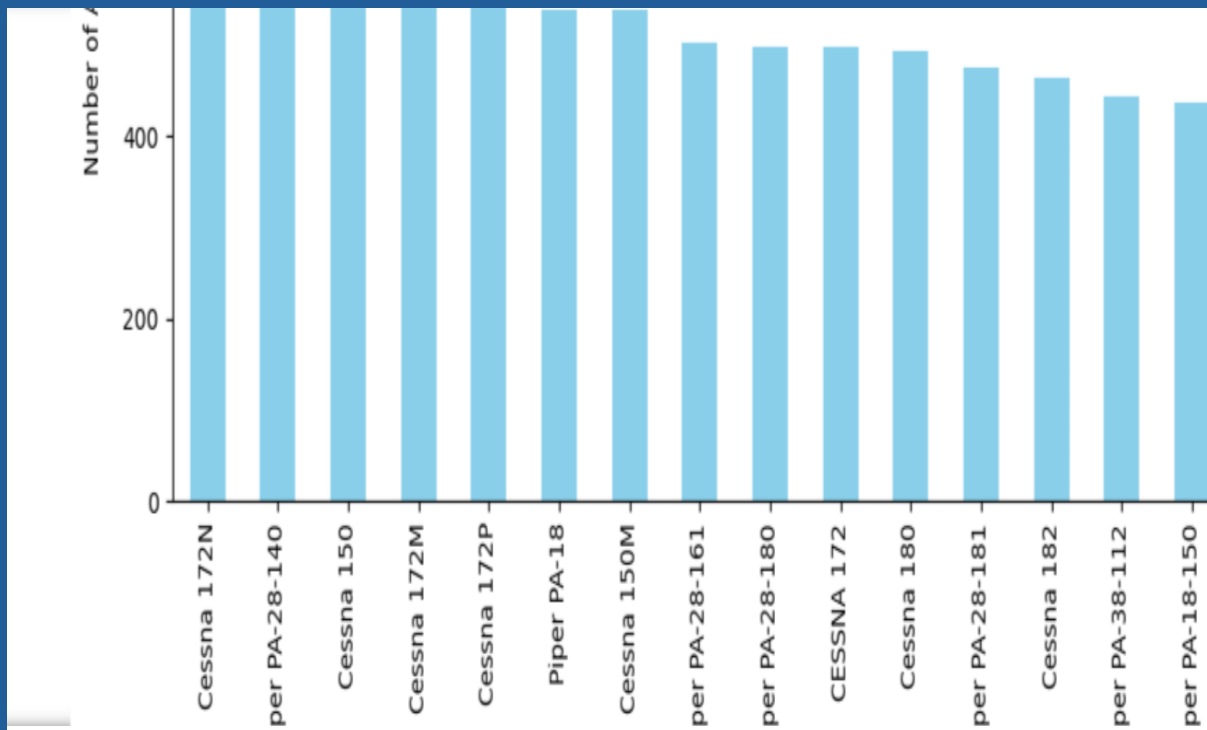
-The plot can be used to predict which type of Aircraft is safe to use.



Analysis of Number of Accidents per Make and Model

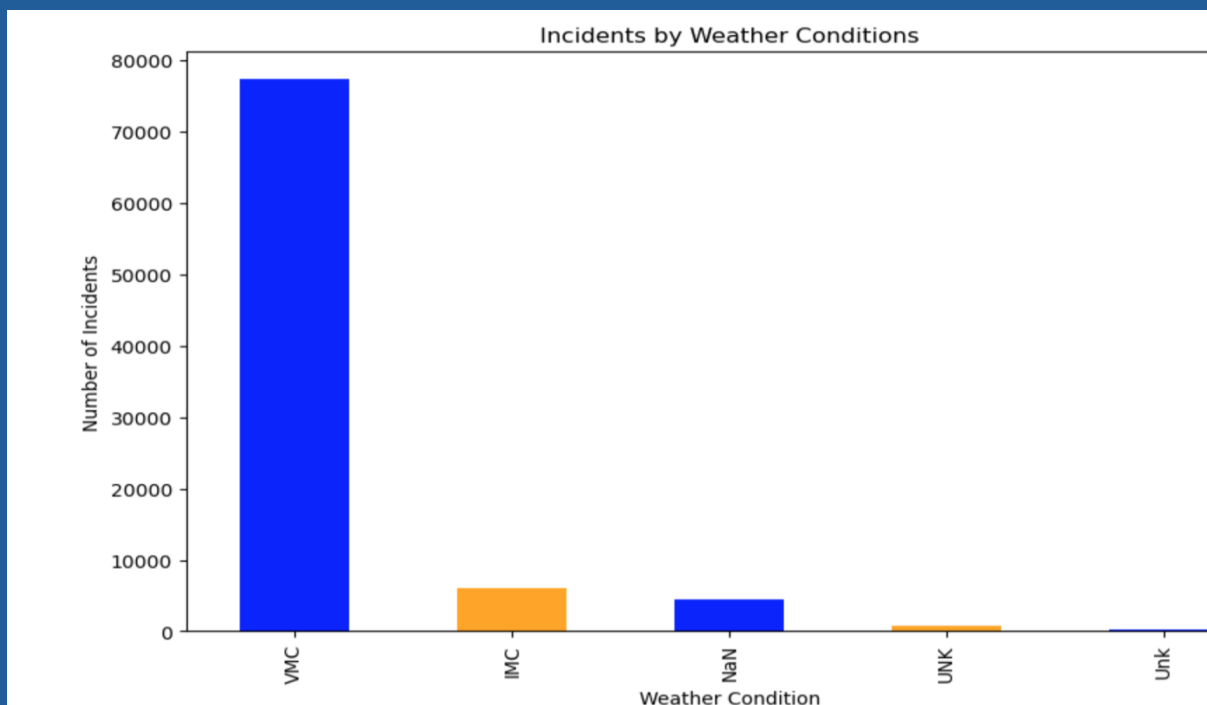
-An analysis of number of Accident counts recored by each Make and Model.

-We have two differentd 'Cessna' models plots which one recorded the lowest amount of accidents.



Analysis of Number of Incidents per Weather Conditions

- The plot shows how weather conditions can be a factor that leads to Aircrafts accidents
- Weather Conditions i.e (rain,storm,fog)



Recommendations.



- Aircrafts should be regularly inspected and maintained
- Qualified Pilots to be employed to reduce the rate of aircraft accident as it causes loss of lives.
- Weather forecasting should be well communicated to alert the pilots on the weather conditions.

For any Questions in regard,feel free to email
me or visit my LinkedIn Profile : [LinkedIn Link](#)



