

Aircraft Risk Analysis for Private and Commercial Enterprises



BRIEF



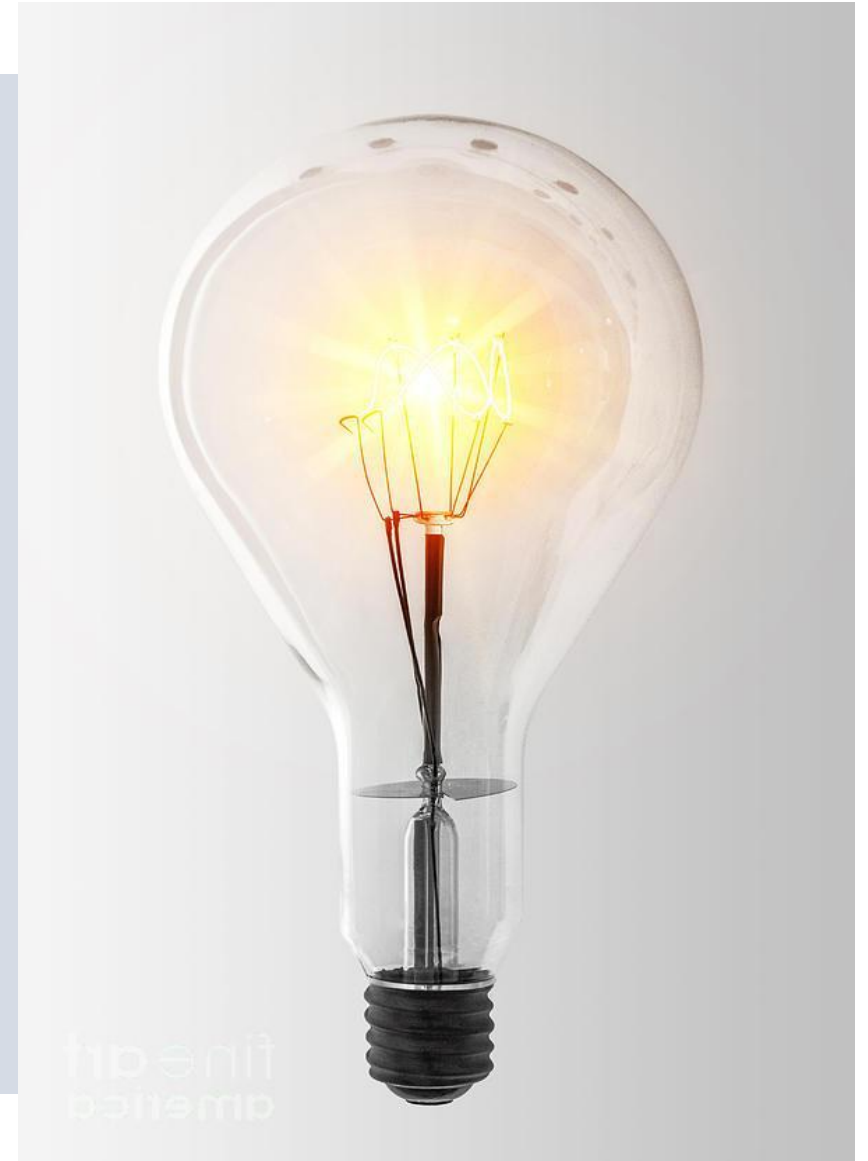
- The goal of this project is assist to companies that are looking to enter the aviation industry but do not have any expertise in said industry.
- The study has been done using aviation accidents that occurred between 1962 and 2023.

A few disclaimers to note:

- The study data does not include any financial data which is critical of the airplane **Makes** and **Models**
- No of successful flights done by each Make/Model has not been made available. This is extremely dangerous as the data can negatively impact commonly used planes

BUSINESS UNDERSTANDING

- The company is expanding into the aviation industry and has little to no experience in the industry.
- The objective is to identify the aircrafts that pose the lowest risk for Private and Commercial use.
- We shall attempt to provide key insights so that the head of the aviation division can make an informed decision.



DATA UNDERSTANDING

- Accidents occurred between 1962 and 2023.
- Data Provided by the National Transportation Safety Board (NTSB)
- The key metrics to use are the Aircraft 'Make' and 'Model'



RECOMMENDATION



