

PREFERRED AIRCRAFT FOR SAFETY AND EFFICIENCY

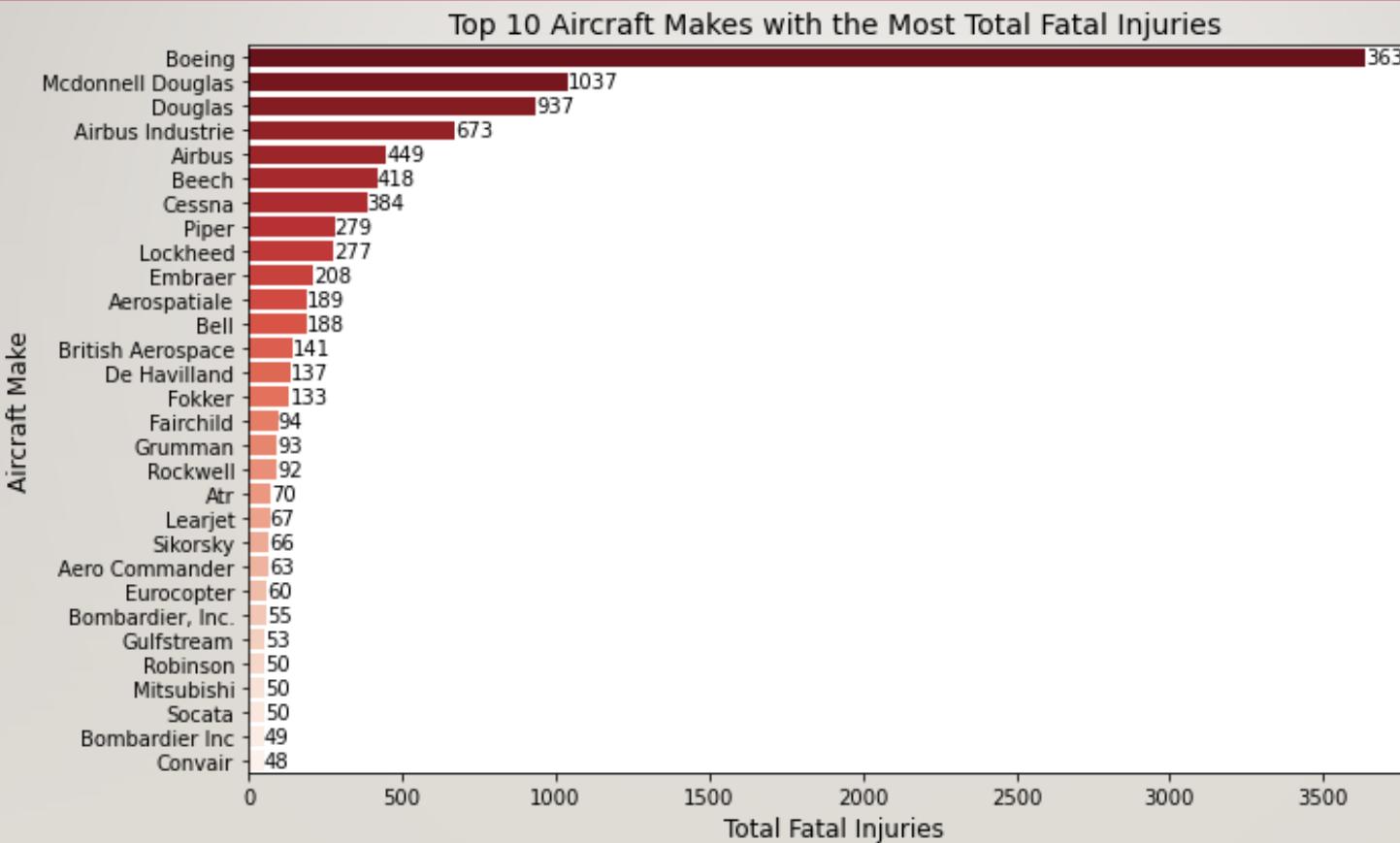
PROJECT OVERVIEW AND BUSINESS UNDERSTANDING

- We were tasked by our company to suggest the most favourable planes to procure by drawing conclusions from 'avation-data.csv' that captured accidents data from the National Transportation and Safety Board.
- This data was from 1962 – 2023.

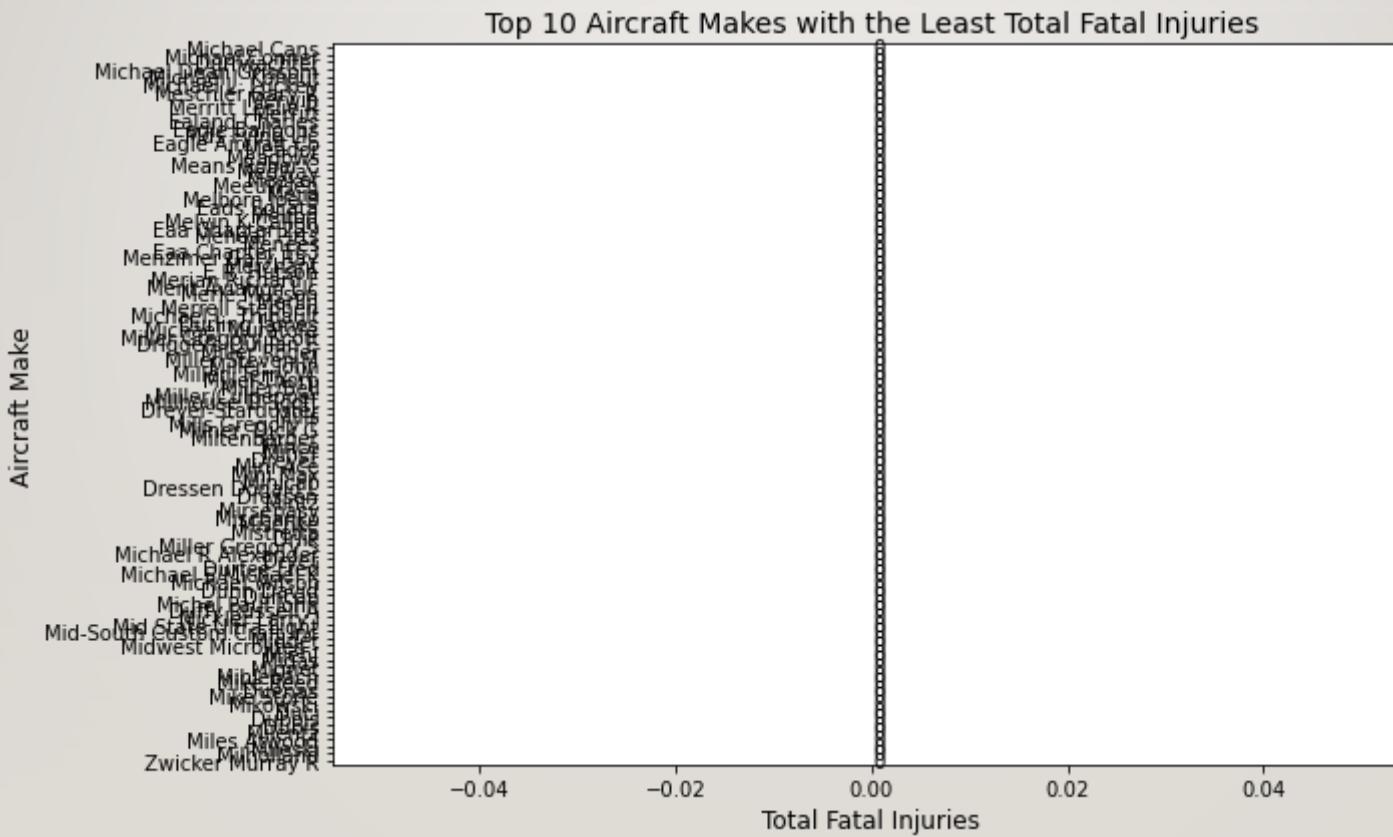
DATA UNDERSTANDING

- Our original data set had 90348 rows and 31 columns.
- We selected only 3 columns to work with:
 - 1. Aircraft Make.
 - 2. Total Fatal Injuries
 - 3. Engine Type

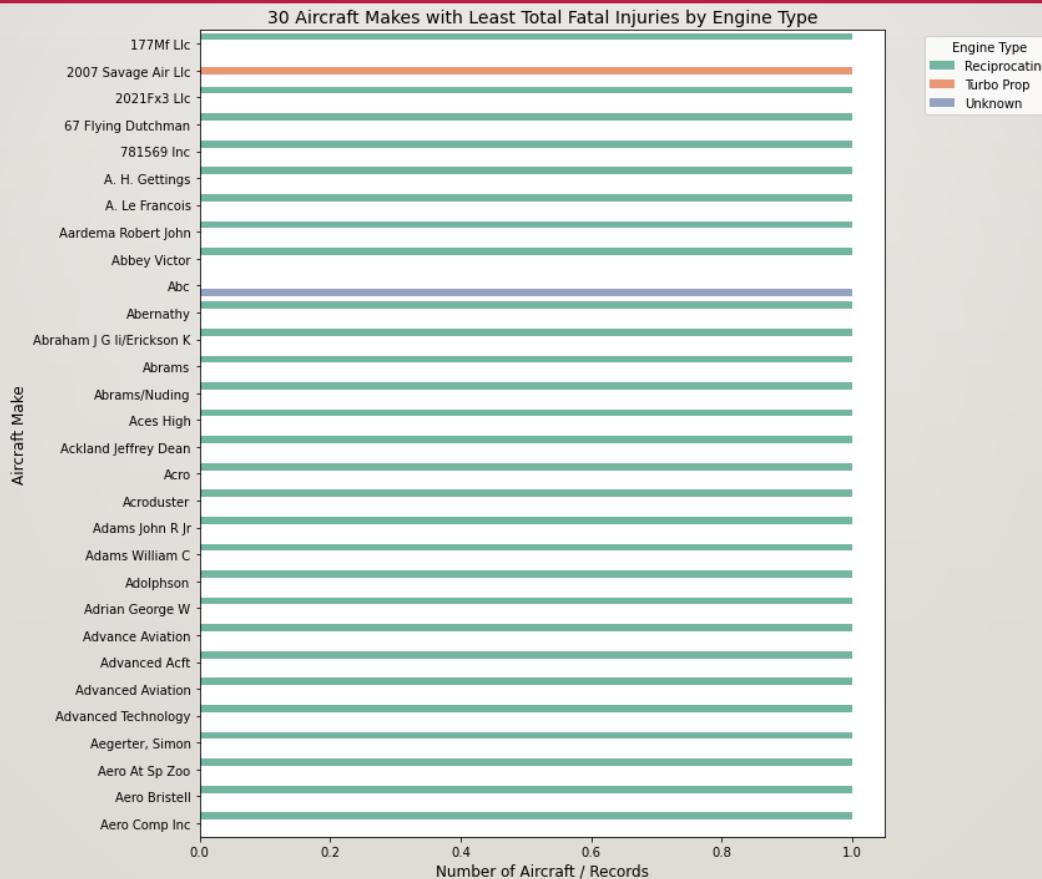
RESULTS – TOP 10 AIRCRAFT MAKES WITH TOTAL FATAL INJURIES



SAMPLE AIRCRAFT MAKES WITH LEAST FATAL INJURIES



ENGINE TYPE OF AIRCRAFT MAKES WITH LEAST TOTAL FATAL INJURIES



RECOMMENDATIONS

- From our dataset:
- The 2007 Savage Air Lc is best for short distance flights a
- Several other suggested makes (as per chart) are good long distance flights.