



Airline Startup Project

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TEAM



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Agenda

**Business
Problem**



**Data
Overview**



Analysis

Recommendations

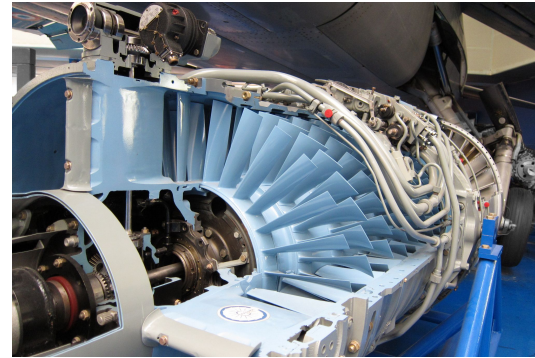


**Future
Steps**

Airbus is the Lowest Risk Major Manufacturer

Turbo Jet Engines are Safest

AIRBUS





BUSINESS PROBLEM

Business Problem

- Inherently, there are risks associated with airplanes
- Aircraft Damage
- Passenger Injuries
- Passenger Fatalities



Business Problem

Data Overview

Analysis

Reccs.

Future Insights

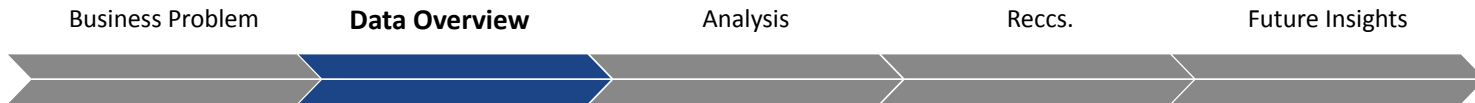




DATA OVERVIEW

Data Overview

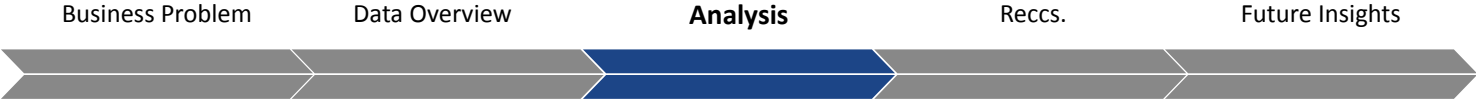
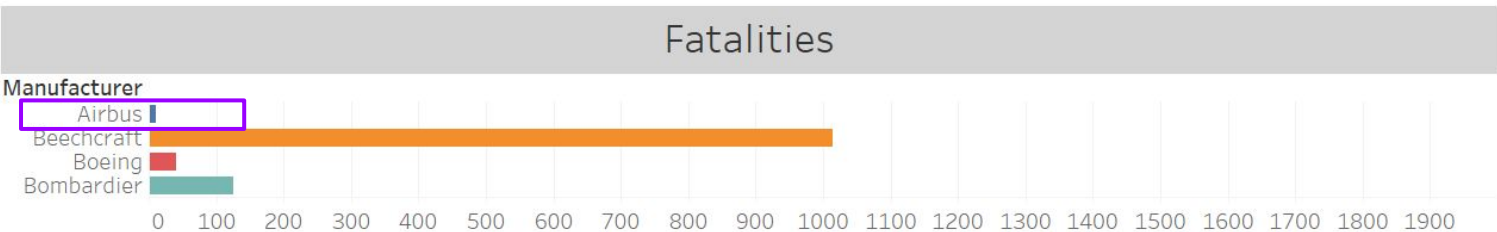
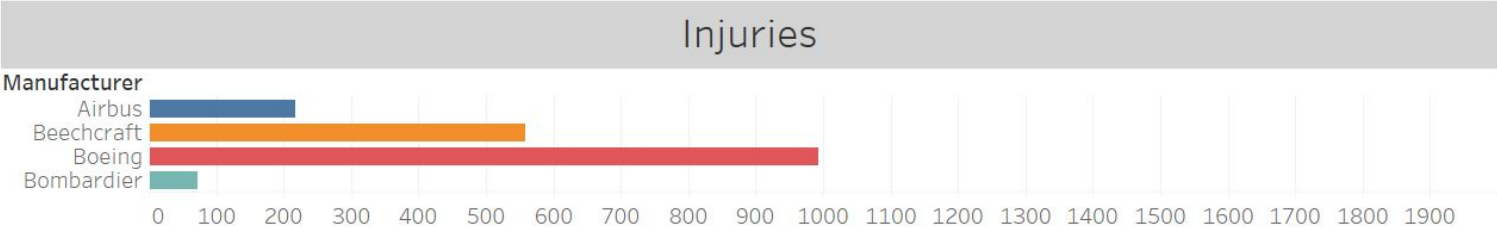
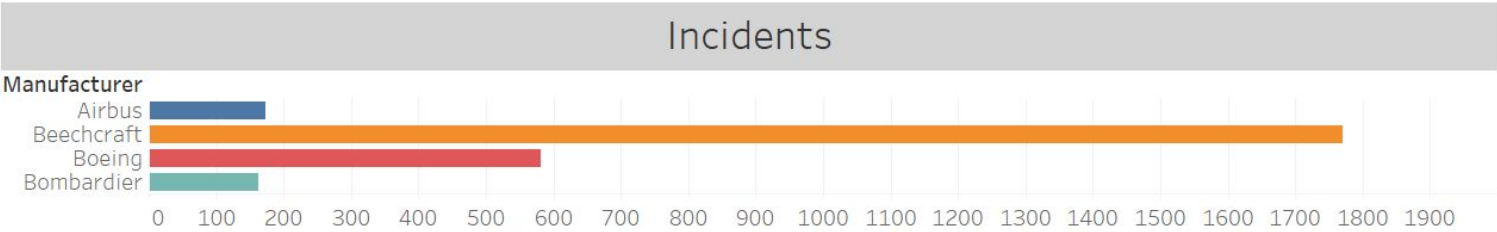
- Data from the National Transportation Safety Board
 - Data from 1962 to 2023 in the United States and beyond
- Filtering Conditions
 - Post 9/11
 - Domestic flights only
 - Top Four Airplane Manufacturers
 - Airbus, Beechcraft, Boeing, and Bombardier
 - 2,688 accidents and incidents
- LIMITATIONS
 - Total Number of Flights unknown
 - Cause of Incidents not necessarily linked to manufacturer



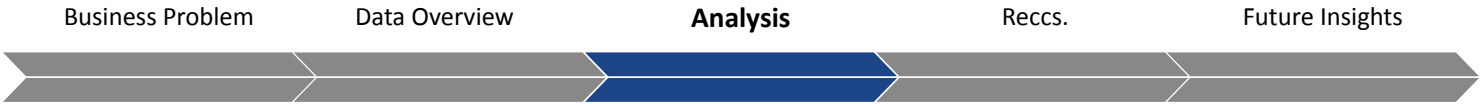
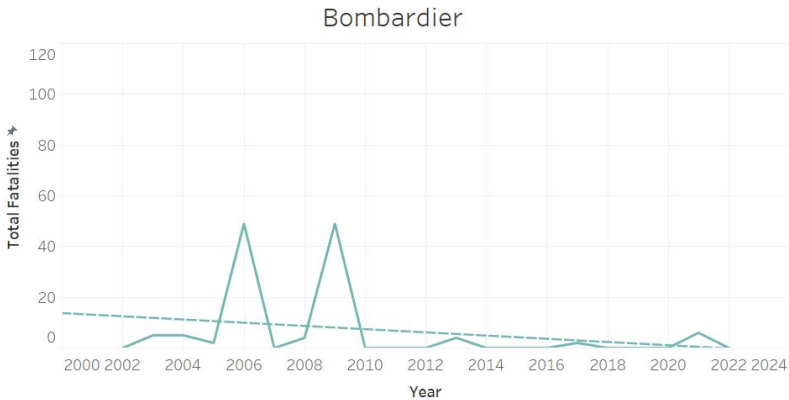
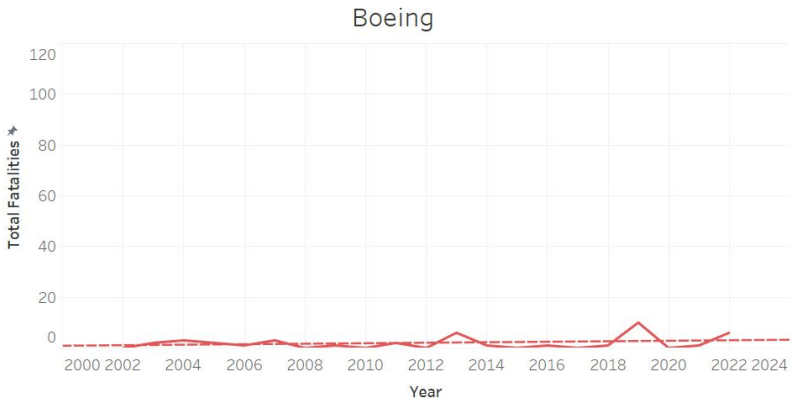
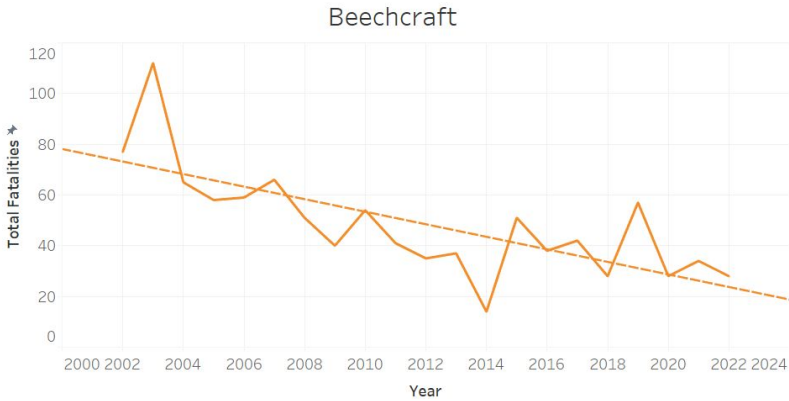
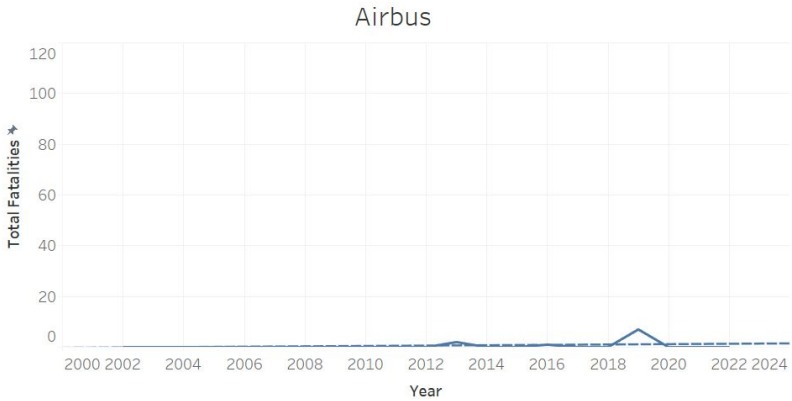


ANALYSIS

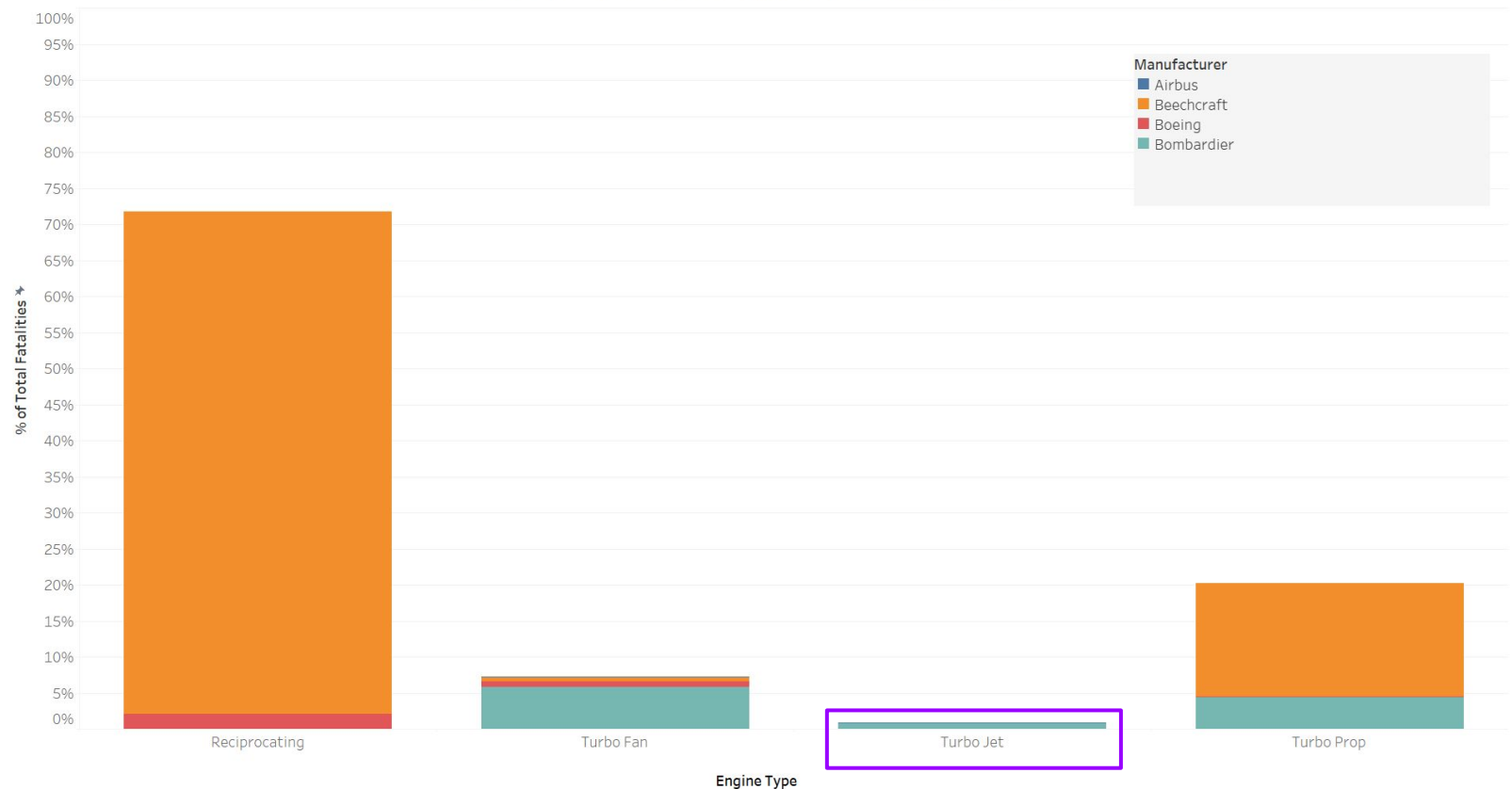
Risk Comparison



Fatalities Year by Year



Fatalities per Engine Type





RECOMMENDATIONS

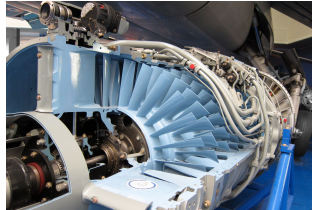
Dreamworks has Delivered the Most Recent Highest Revenue Comedy

Buy Airbus Planes

Focus on Turbo Jet

Go Commercial

AIRBUS



Business Problem

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Reccs.

Future Insights





Future Insights

Future Insights

- Research Airbus Planes with Turbo Jet
 - A320ceo
 - A350F
- Compare our data with Total domestic flights
- Look into Bombardier as another option



Business Problem

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Reccs.

Future Insights



Questions?



Appendix