

XYZ COMPANY AVIATION EXPANSION PROPOSAL

XYZ company is expanding into new industries to diversify its portfolio.

They are interested in purchasing and operating airplanes for commercial and private enterprises, but a

They seek to establish which aircraft have the lowest risk for the company to start this new business.

The aim of the analysis is provide insights to the head of the new aviation division on the on the aircraft

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Data Understanding

To arrive at our recommendations, we utilized the Aviation Accident Database & Synopses, up to 2023
<https://www.kaggle.com/datasets/khsamaha/aviation-accident-database-synopses>.

I used exploratory review to identify meaningful elements in the data that could guide in developing
I focused on the below fields in the data:

The make and model of the aircrafts.

Total_Fatal_Injuries per accident.

Total_Serious_Injuries per accident.