Data Science Phase 1

Presentation

Overview

- Business Problem
- Problem Statement
- Data Understanding
- Data Analysis
- Recommendations
- Next Steps
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Business Problem

- Business expanding to diversify portfolio.

- Value proposition: Purchase and operation of airplanes for commercial and private enterprises

- Potential risks of aircraft.

- Low-risk aircraft??

Problem Statement

- Company X seeks to diversify its portfolio.

- How to establish a sustainable and profitable business in purchasing and operating airplanes for commercial and private enterprises.

- How to navigate potential risks of aircraft.

- Determine the lowest risk aircraft for the company X from dataset to start this new business.

- Data source: Aviation accident data from 1962 to 2023 (National Transportation Safety Board that includes).

Data Understanding

Data Analysis

Recommendations

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