pkiar Updated tableau with readmefile 47a3605 · 8 minutes ago

.ipynb_checkpoints	Updated goal v5	2 hours ago
data	Initial commit	yesterday
plots	Updated tableau photos	28 minutes ago
Aviation Risk Project.ipynb	Updated goal v10	30 minutes ago
Aviation Risk Project.pdf	Updated goal v10	30 minutes ago
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README.md	Updated goal v5	2 hours ago
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README

Phase One Project

Introduction: Overview

As Part of the company to venture into avaition Business, this project investigates the risk associated with different aircraft , aiming to identify the safest model for potention investment.The analysis focuses on determining which types of flights have the highest average fatalities and aircraft damage, assessing how engine types and weather conditions affect safety, and ranking aircraft make by risk level for commercial use.

The dataset used comes from the National Transportation Safety Board (NTSB) and includes records of aviation accidents and incidents from 1962 to 2023.The tools to be used in achieving this are:

```
1.Pandas - Data cleaning, transformation, and aggregation </li>
2.Numpy - Numerical computations</li>
3.Matplotlib / seaborn - Static visualizations for analysis validation</li>
4.Plotly - Interactive graphs for dynamic data exploration</li>
```

Problem Statement