## Aviation Accident Dashboard Based on NTSB Data

This project presents a Power BI dashboard that visualizes aviation accident data from the National Transportation Safety Board (NTSB) in the United States.

## **Purpose of This Project**

The dashboard is designed for pilots, aviation professionals, and safety analysts to explore key factors that contribute to aviation accidents. Through comprehensive visualizations of historical data, users can identify safety issues, detect risk patterns, and gain actionable insights that may help prevent future incidents. The interactivity of Power BI allows deep exploration of various dimensions—such as aircraft maintenance and pilot experience—ultimately supporting a safer aviation environment.

## Source Data

The NTSB aviation accident database includes records of civil aviation accidents and selected incidents from 1962 to the present, covering the U.S., its territories, and international waters. Foreign investigations with NTSB participation are also included.

For this project, only U.S. accident data from 2008 onward is used.

- Source: NTSB Aviation Accident Database
- avall.zip is used for this project NTSB dataset download page

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