

Wireframe Document

Data Visualization of Bird Strikes between 2000-2011

Revision Number - 1.2

Last Date of Revision - 12/01/2024

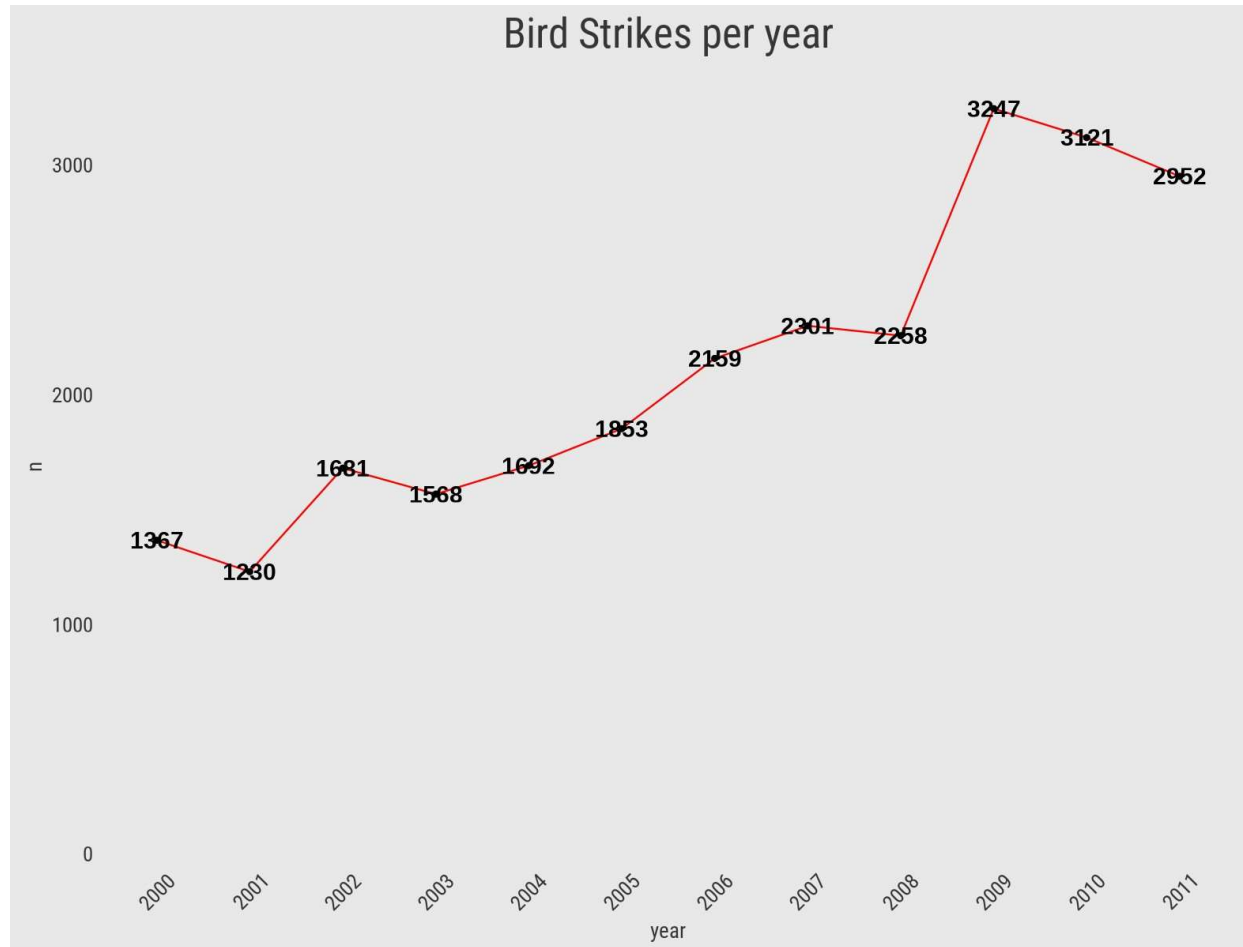
FARHAN AHMAD

Document Control

Date	Version	Description	Author
04/06/2023	1.0	Introduction, Problem Statement	FARHAN AHMAD
20/08/2023	1.1	Dataset Information, Architecture Description	FARHAN AHMAD
12/01/2024	1.2	Final Revision	FARHAN AHMAD

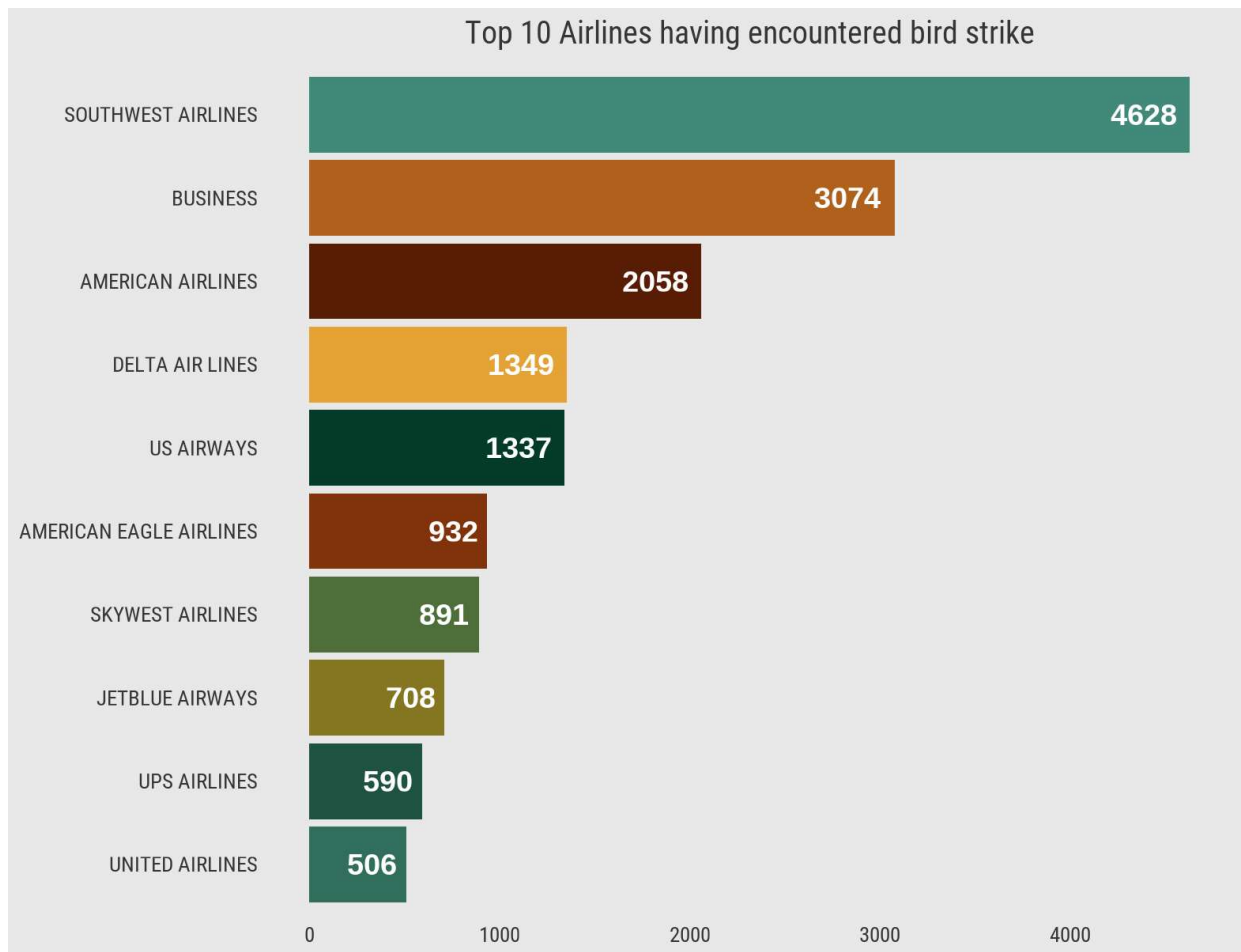
We Performed Exploratory Data Analysis on Jupyter Notebook and then created a Power BI Desktop Dashboard.

1. Total number of Bird Strikes Incidents between 2000-2011



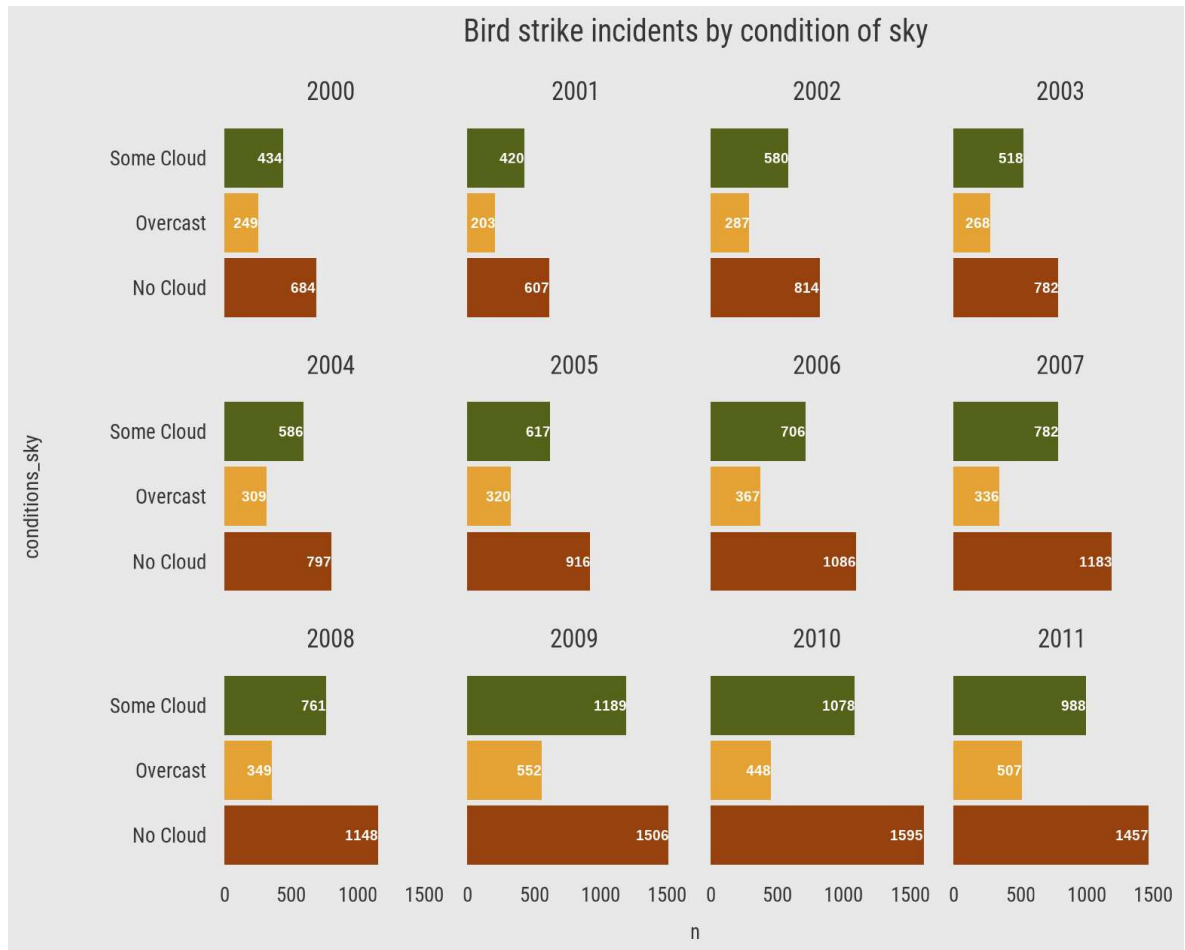
- We can see that the incidents have an upward trend.
- 2009 has the highest no. of bird strike incidents

2 Top 10 Airlines having highest number of bird count encounters



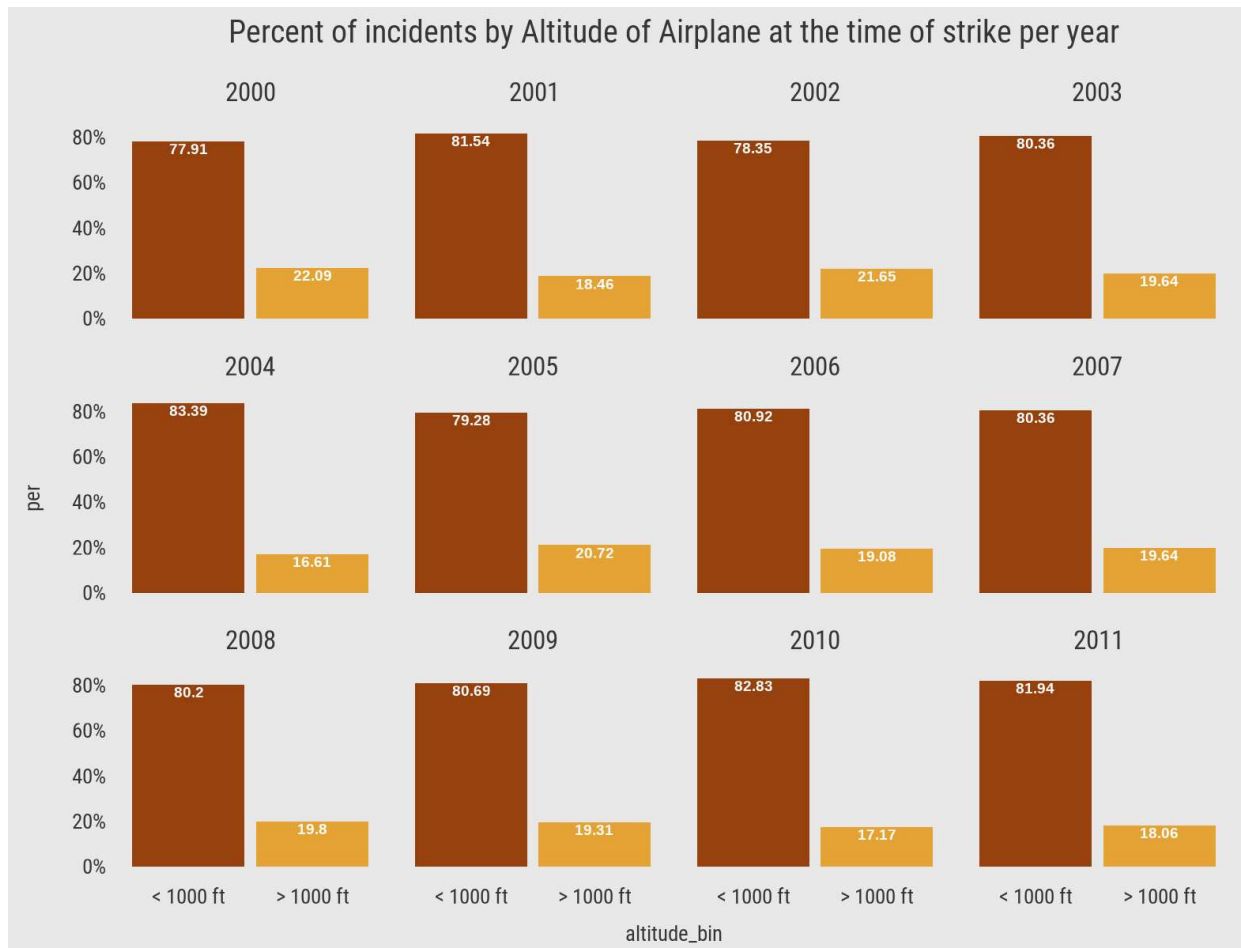
- **Southwest airlines followed by business and American Airlines have high number of bird strike incidents.**

3. When do most bird strike occur?



- Most of the bird strike incidents happened during 'No Cloud' Sky conditions.

4. Altitude of Airplanes



- Nearly 80 percent of bird strike incidents happened when the altitude of the airplane was <1000 ft.