4/19/2023

# Wireframe Documentation

Data Visualization of Bird Strikes between 2000 - 2011



Prepared by: MD SAHIL

# **Home Page**

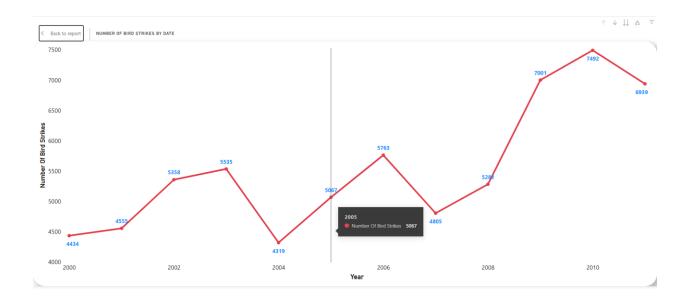


# **Visualization report pages**

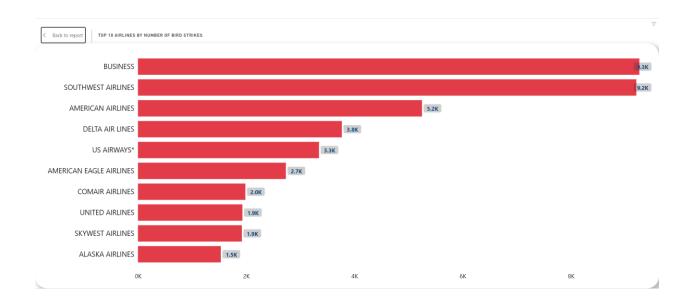
#### 1. Number of bird strikes



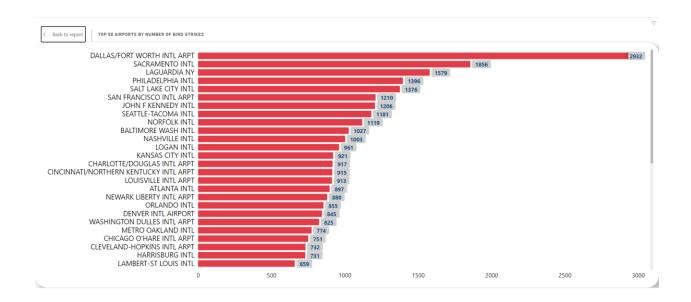
## 1.1 Yearly Strike Analysis



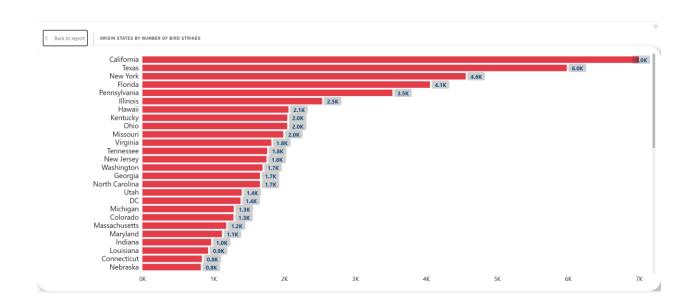
## 1.2 Top 10 US Airlines in terms of having encountered bird strikes



#### 1.3 Top 50 Airports with most encountered of bird strikes



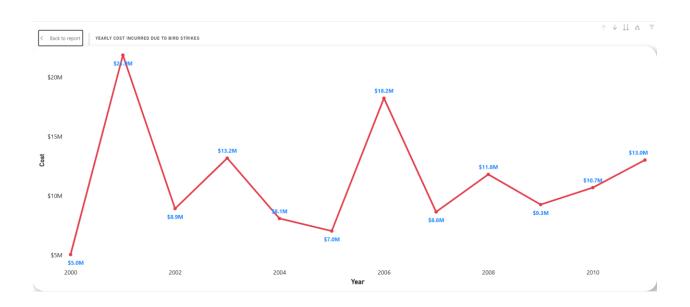
#### 1.4 Origin states with total encountered of bird strikes



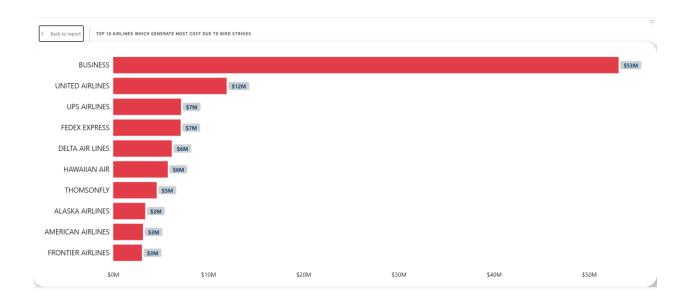
## 2. Cost and Damage Analysis



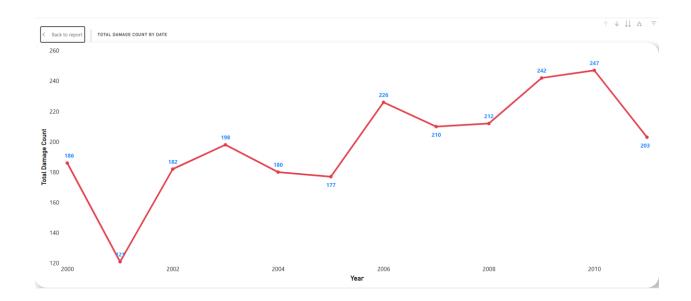
#### 2.1 Yearly Cost Incurred due to Bird Strikes



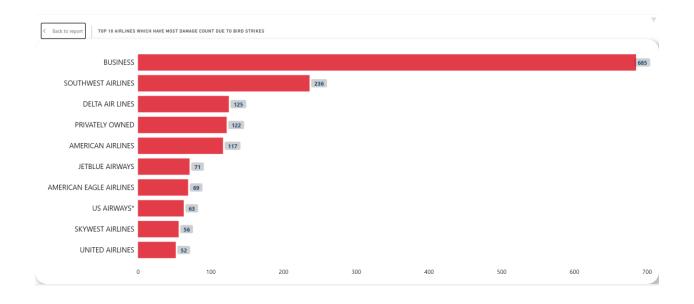
## 2.2 Top 10 US Airlines in terms of having total cost



## 2.3 Yearly Total damage count due to Bird Strikes



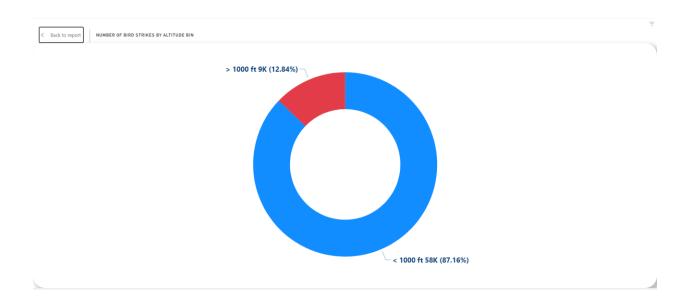
#### 2.4 Top 10 US Airlines in terms of having total damage count



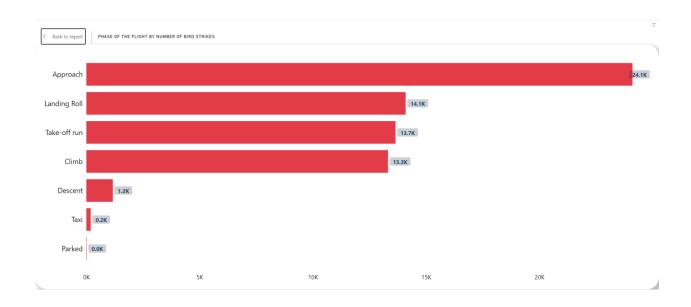
#### 3. When do most bird strikes occur



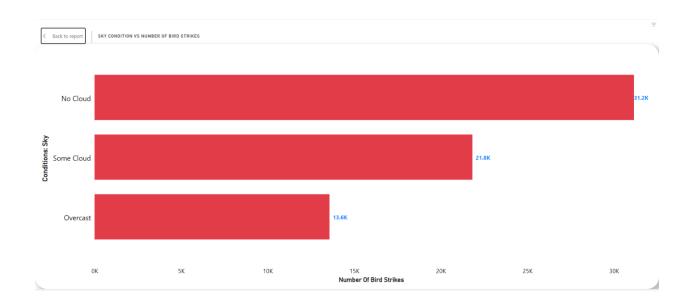
# 3.1 Altitude of airplanes at the time of strike



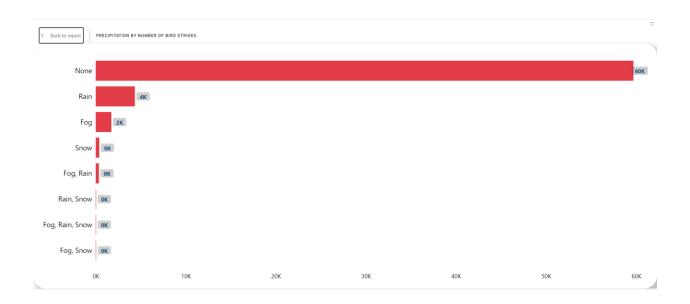
## 3.2 Phase of flight at the time of strike



## 3.3 Sky condition at the time of strike



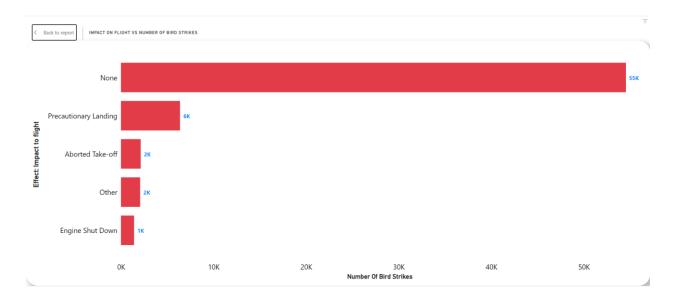
## 3.4 Precipitation at the time of strike



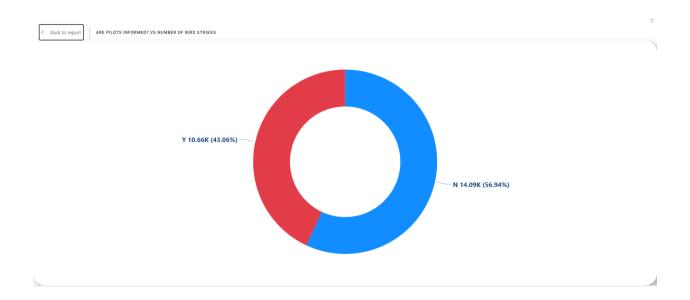
#### 4. Effect of Bird Strikes



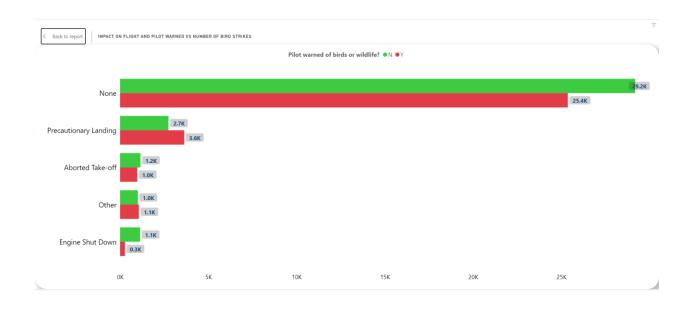
#### 4.1 Impact on Flight



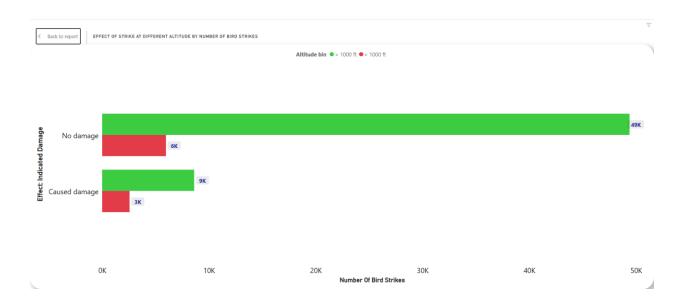
#### 4.2 Were Pilots Informed?



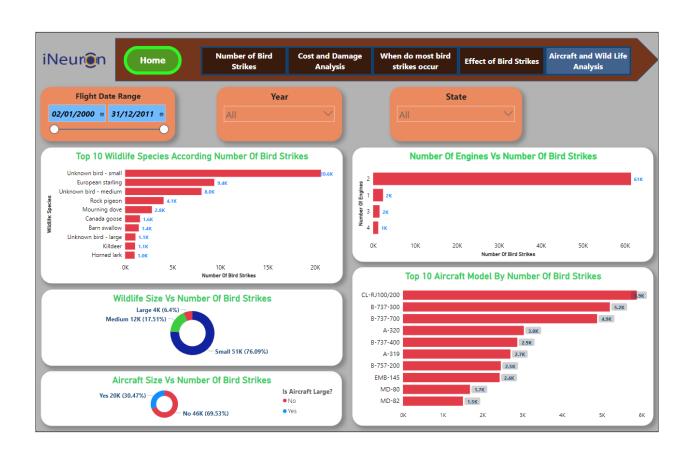
## 4.3 Prior Warning and Effect of Strike Relation



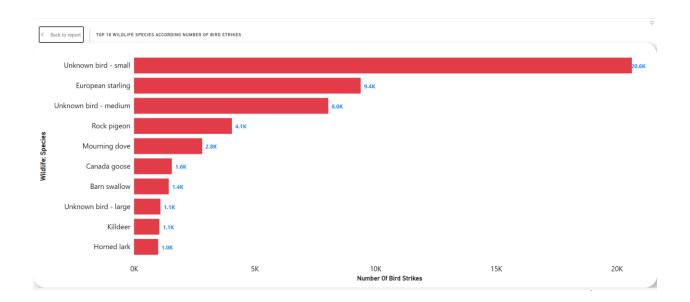
#### 4.4 Effect of Strike at Different Altitude by Number of Bird Strikes



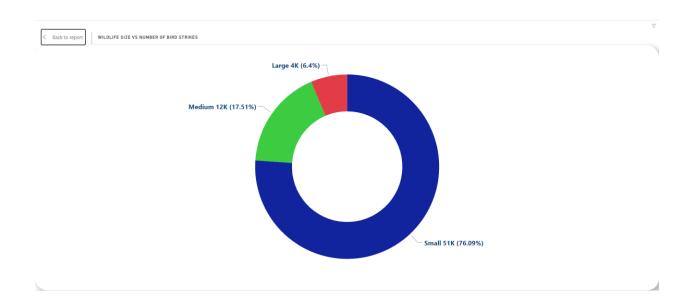
## 5. Aircraft and Wildlife Analysis



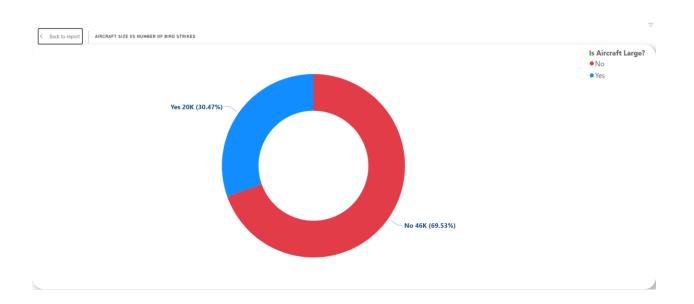
## 5.1 Top 10 most strike wildlife species



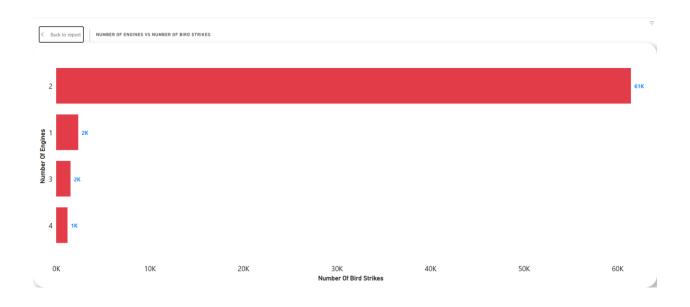
#### **5.2 Wildlife Size with Total Number of Bird Strikes**



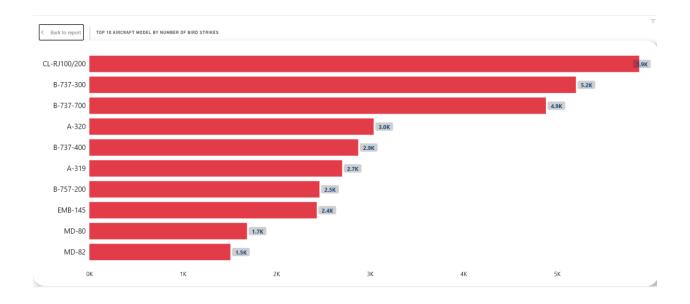
#### **5.3 Aircraft Size with Total Number of Bird Strikes**



# **5.4 Number Of Engines with Number of Bird Strikes**



#### 5.5 Top 10 Aircraft Model with Number of Bird Strikes



## **Key Findings Page**

