DATA VISUALIZATION OF BIRD STRIKES
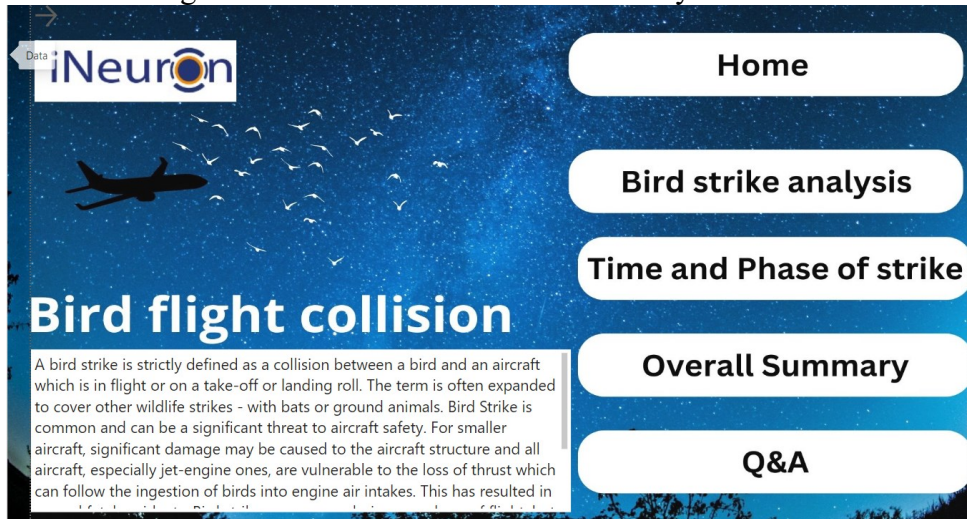# WIREFRAME DOCUMENTATION
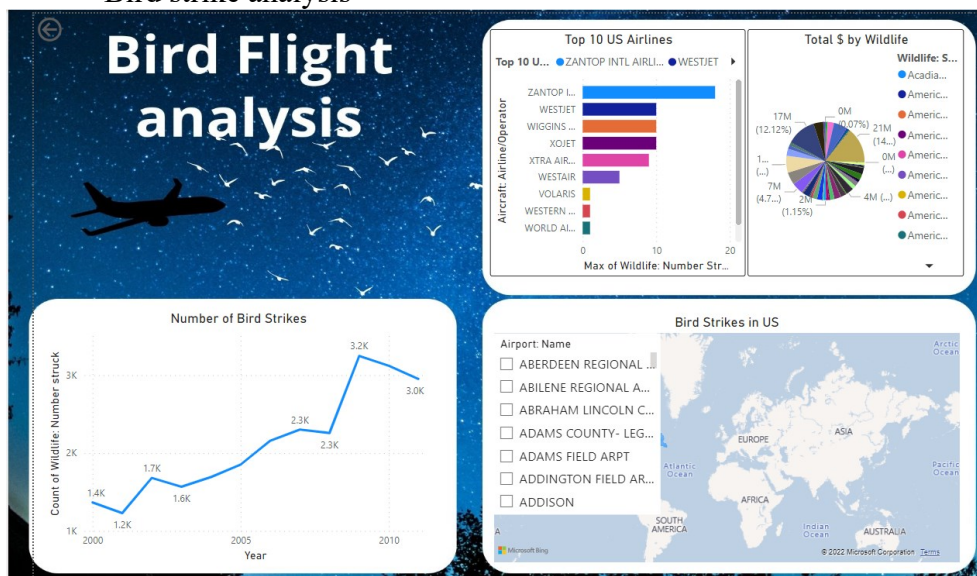
A PowerBI was created for the Bird strike data analysis after performing EDA on data points. As per the problem statement, we have divided the analysis into four sections: -

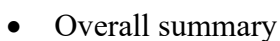The following are the results obtained after the analysis:

- Bird strike analysis

- Time and phase of strike

BIRD FLIGHT COLLISION ANALYSIS

- Overall summary

- Q&A

In the section below, we designed our first dashboard and tried to interpret the following findings:

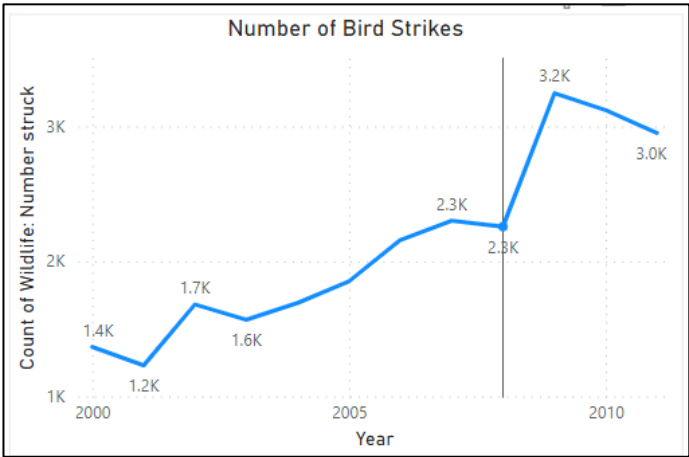1. Number of Bird Strikes in a year with a count of strikes

Figure: Bird strikes in a year
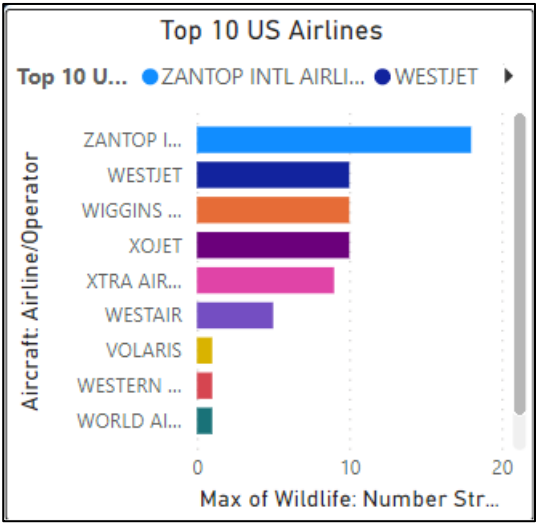
2. Top 10 US Airlines

Figure: Top 10 US Airlines

3. Variation of Total cost vs Wild bird species

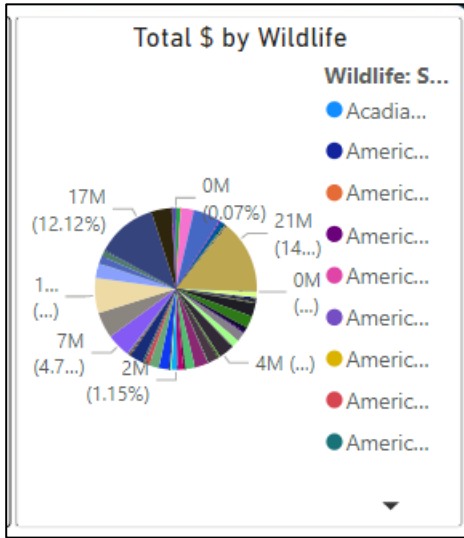BIRD FLIGHT COLLISION ANALYSIS

Figure: Total cost vs Wildlife US Airlines
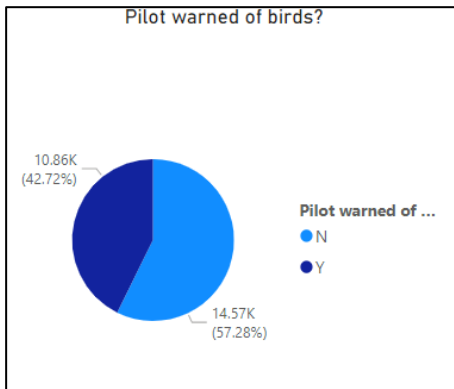
4.   Pilots warned of birds

Figure: Percentage of Pilot warned of birds

5.   Variation of wildlife size by species

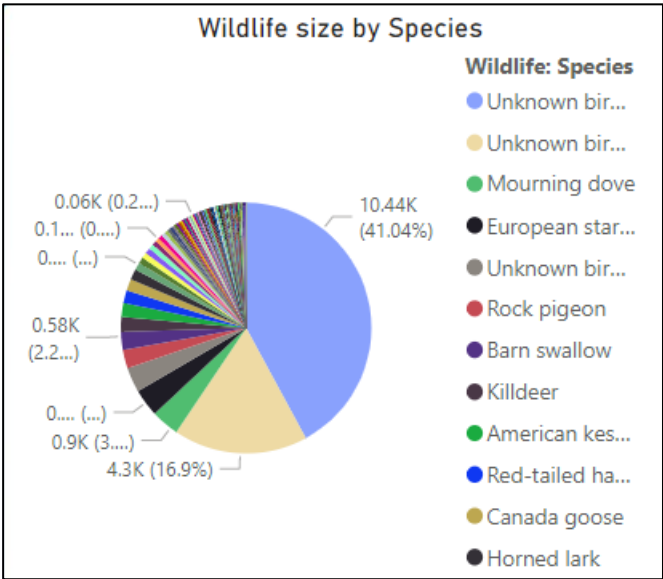Figure: Wildlife size by species
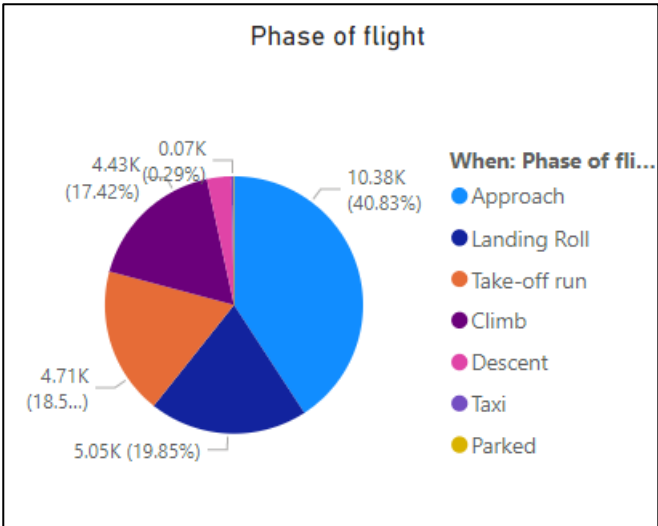
6. Variation of phase of flight with altitude

Figure:Bird Strike with phase of flight

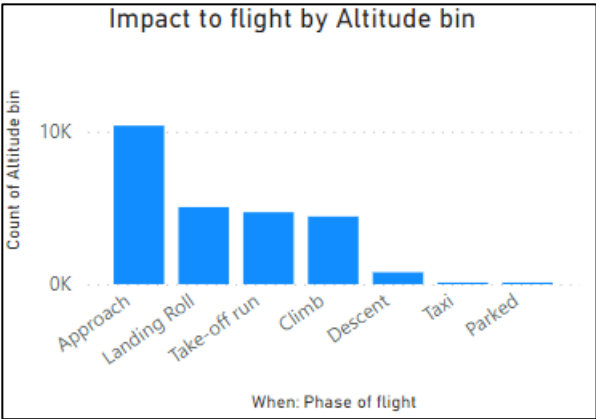7. Variation of Impact to flight with Altitude

Figure: Impact to flight by altitude with flight phase

8. Variation of Flight impact and indicated damage

Figure: Flight impact and indicated damage
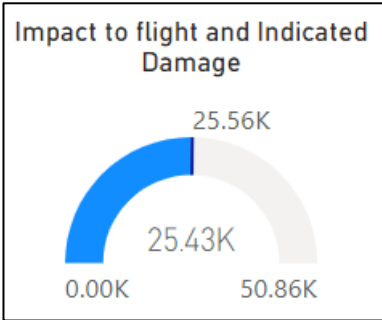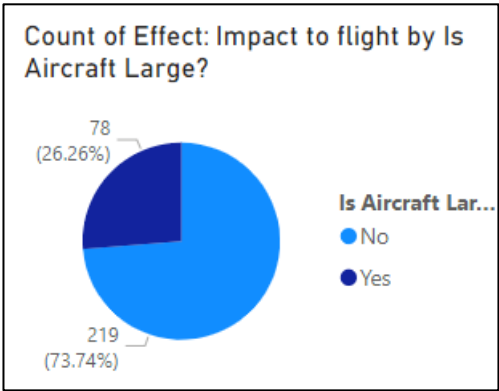
9. Variation of impact with aircraft size

Figure:Impact with aircraft size
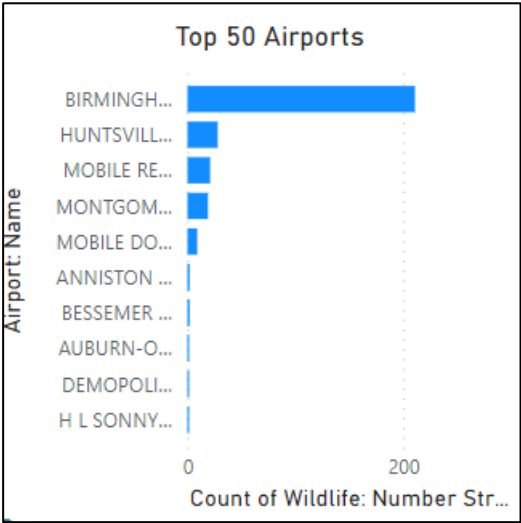
10. Top 50 Airports

Figure:Top 50 Airports

11. Effect of the strike at different altitudes

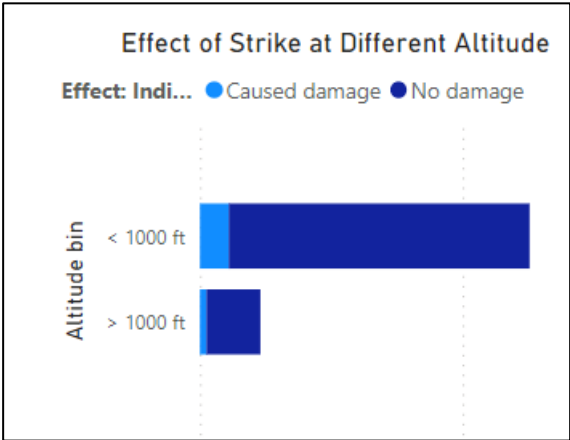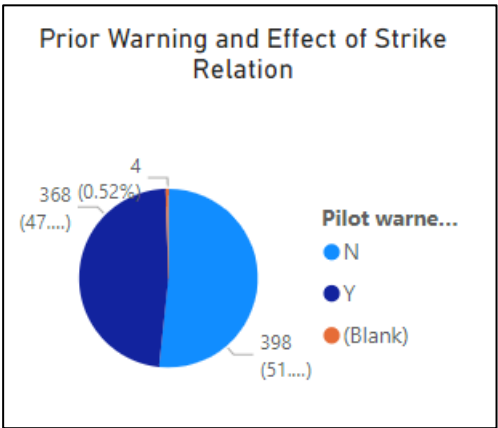Figure: Strike at different altitudes

12. Pilot warning and strike effect

Figure: Pilot warning and strike effect