

# **DATA VISUALIZATION OF BIRD STRIKES (2000-2011)**

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# AGENDA

Introduction

Details in Data

Case Studies

Techniques Used

My Design

# INTRODUCTION :

- Environmental impacts and safety are, nowadays, two major concerns of the scientific community with respect to transport scenarios and to the ever-growing urban areas.
- Available technologies and artificial intelligence, especially MAS, are being recognized as ways to cope with and tackle these kinds of problems in a distributed and more appropriate way.
- To have a closer look the following report visually depicts the data collected on Bird Strikes by FAA between 2000-2011

# DETAILS IN DATA :

- Airport
- Aircraft
- Altitude
- Total Cost
- Effect on aircraft
- Wildlife
- Conditions
- People Injured

# CASE STUDIES

1. Visuals Depicting the Number of Bird Strikes
2. Yearly Analysis & Bird Strikes in the US
3. Top 10 US Airlines in terms of having encountered bird strikes
4. Airports with most incidents of bird strikes – Top 50
5. Yearly Cost Incurred due to Bird Strikes
6. When do most bird strikes occur?
7. Altitude of airplanes at the time of strike
8. Phase of flight at the time of the strike
9. Effect of Bird Strikes & Impact on Flight

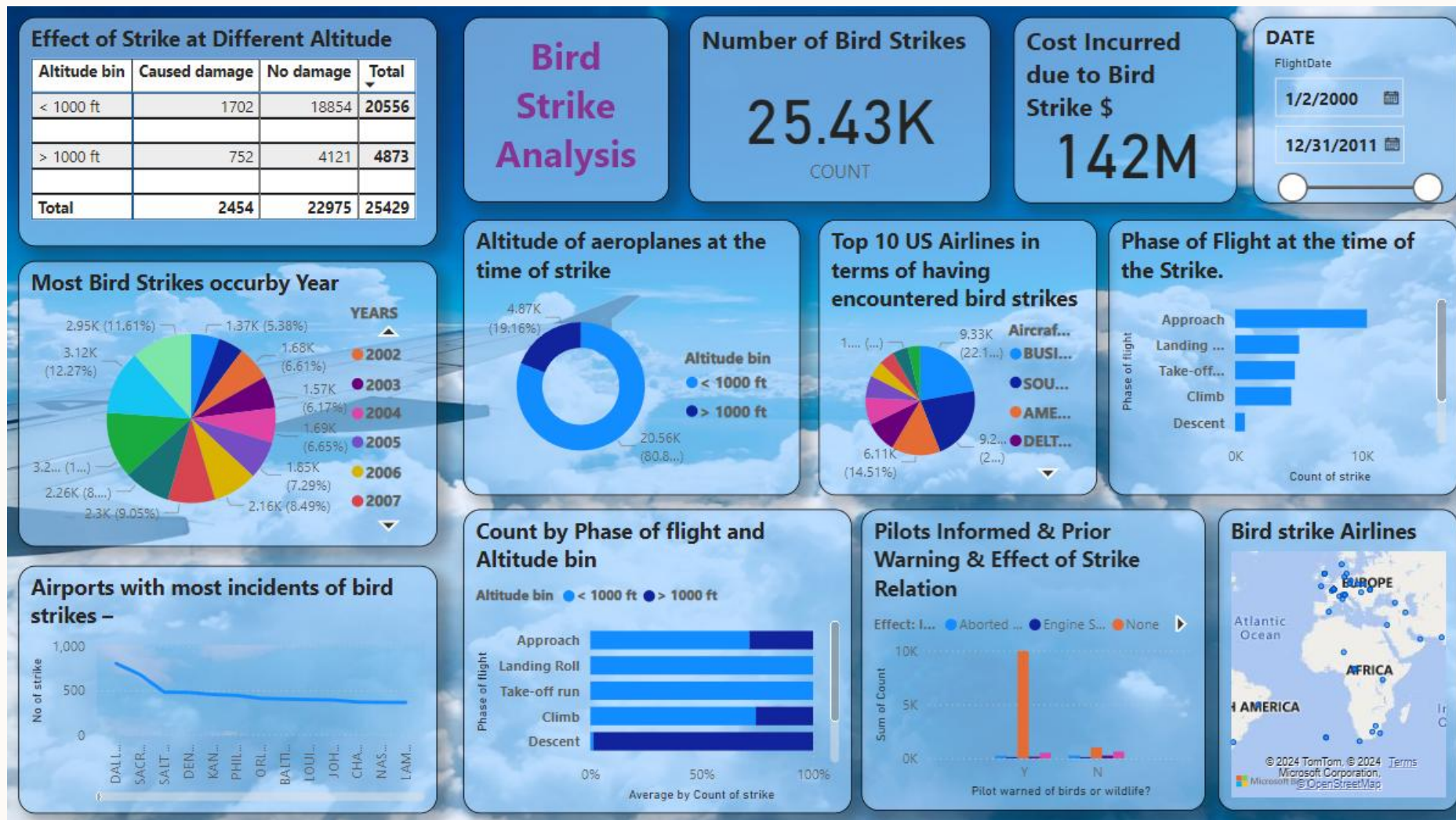


# TECHNIQUES USED

- Power Bi
- Data cleaning
- Group By method
- Split Data
- Data Selection
- Data Visualization

# MY DESIGN :

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**THANK  
YOU**