UNIFIED MENTOR

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Time period : 20-8-24 to 20-10-24

<u>Project 1</u>:**Data Visualization of Bird Strikes between 2000 – 2011**

The dashboard is created using Power BI

FlightDate

All ▾

Average Altitude of the airplanes in different phases at the time of strike
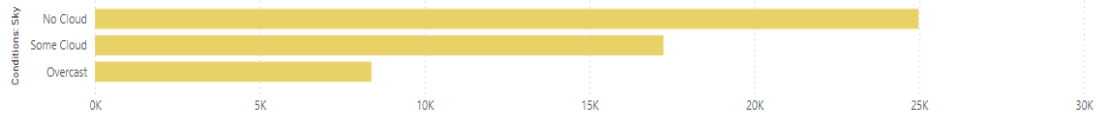
799.03

Caused damage
9.69%
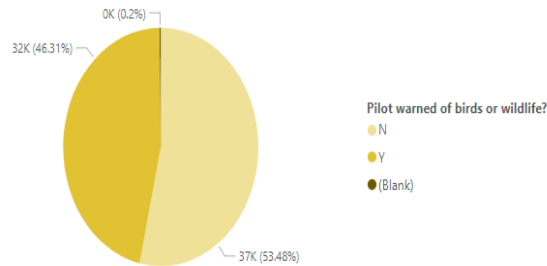%GT Count of Wildlife: Number Struck Actual

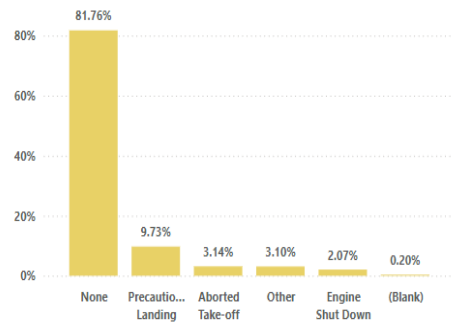No damage
90.31%
%GT Count of Wildlife: Number Struck Actual

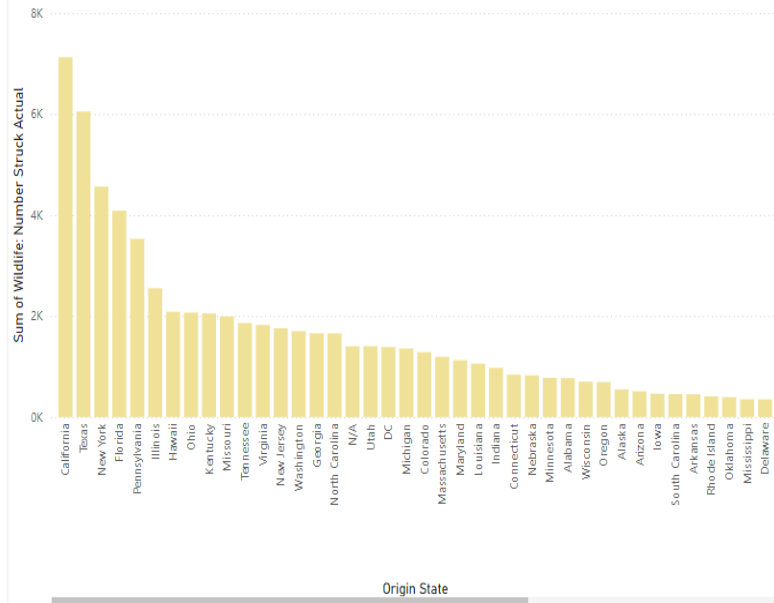**Sum of Aircraft: Number of engines? by Conditions: Sky**

Conditions: Sky	
No Cloud	
Some Cloud	
Overcast	

0K 5K 10K 15K 20K 25K 30K

Were Pilots Informed?

0K (0.2%)
32K (46.31%)
37K (53.48%)

Pilot warned of birds or wildlife?
● N
● Y
● (Blank)

Impact on Flight

80%
60%
40%
20%
0%

81.76% None
9.73% Precautio... Landing
3.14% Aborted Take-off
3.10% Other
2.07% Engine Shut Down
0.20% (Blank)

FlightDate

All ▾

Number of birds strike in each state

8K
6K
4K
2K
0K

Sum of Wildlife: Number Struck Actual

California, Texas, New York, Florida, Pennsylvania, Illinois, Hawaii, Ohio, Kentucky, Missouri, Tennessee, Virginia, New Jersey, Washington, Georgia, North Carolina, N/A, Utah, DC, Michigan, Colorado, Massachusetts, Maryland, Louisiana, Indiana, Connecticut, Nebraska, Minnesota, Alabama, Wisconsin, Oregon, Alaska, Arizona, Iowa, South Carolina, Arkansas, Rhode Island, Oklahoma, Mississippi, Delaware

Origin State

Count of Wildlife: Size by Wildlife: Size and Wildlife: Species

0.18K (0.7%)
0.02K (0.07%)
4.3K (16.89%)
0.8... (3...)
0.02K (0...)
10.44K (41.04%)

Wildlife: Size
● Small
● Medium
● Large
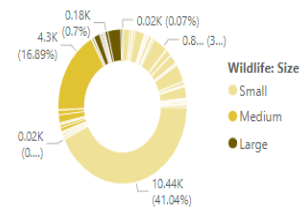
Count of Is Aircraft Large? by Is Aircraft Large? and Is Aircraft Large?

8.4K (33.04%)
17.03K (66.96%)
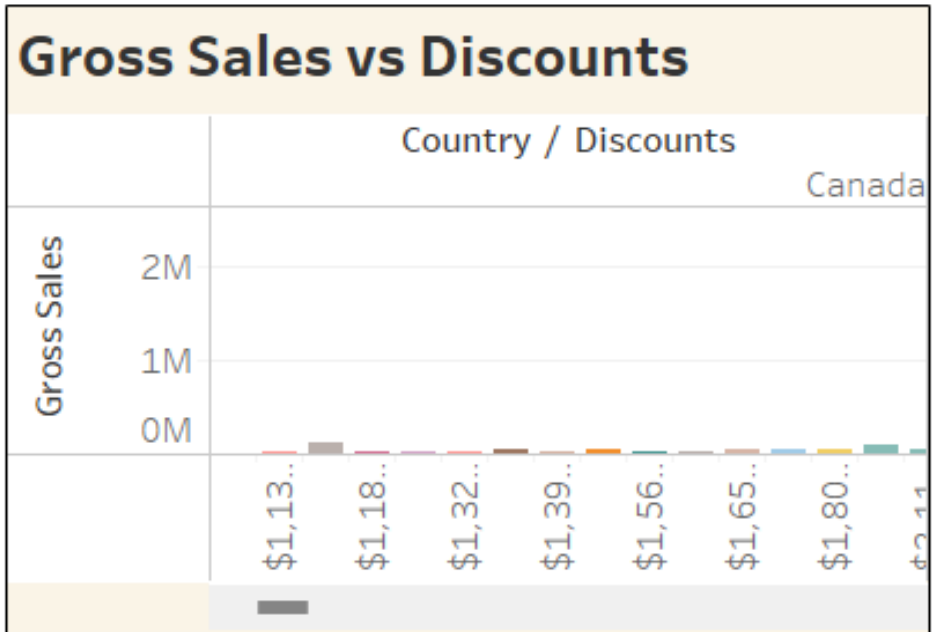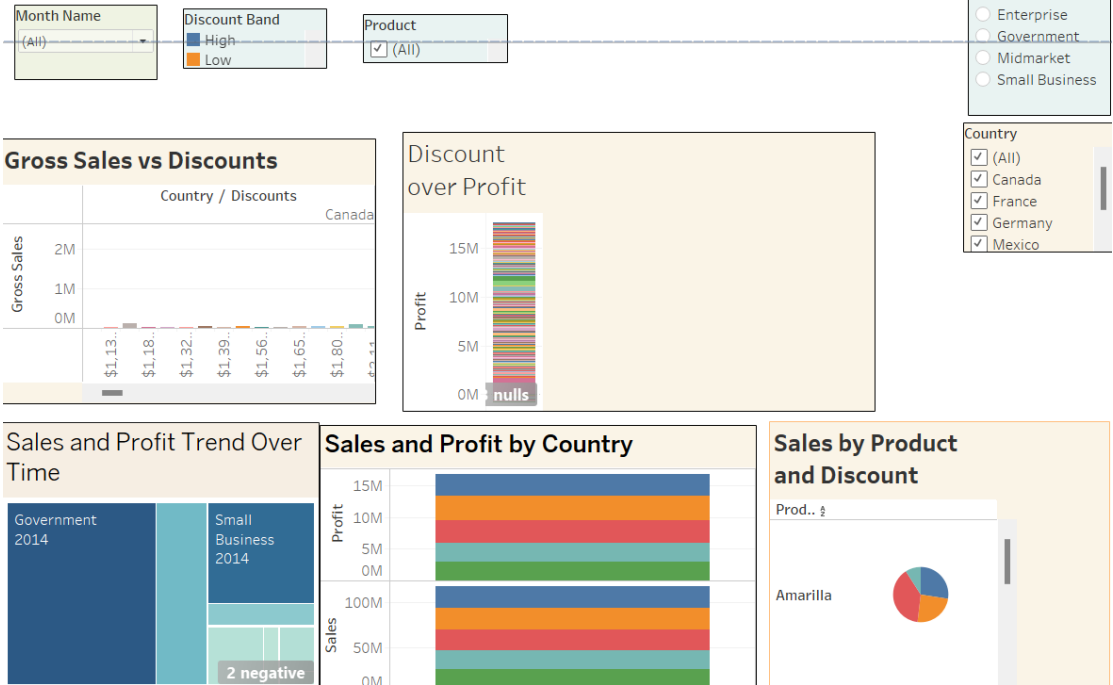
Is Aircraft Large?
● No
● Yes
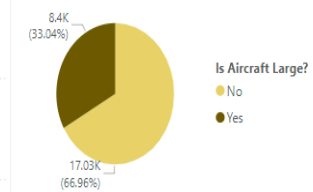
Count of Bird Strikes by Effect: Impact to flight
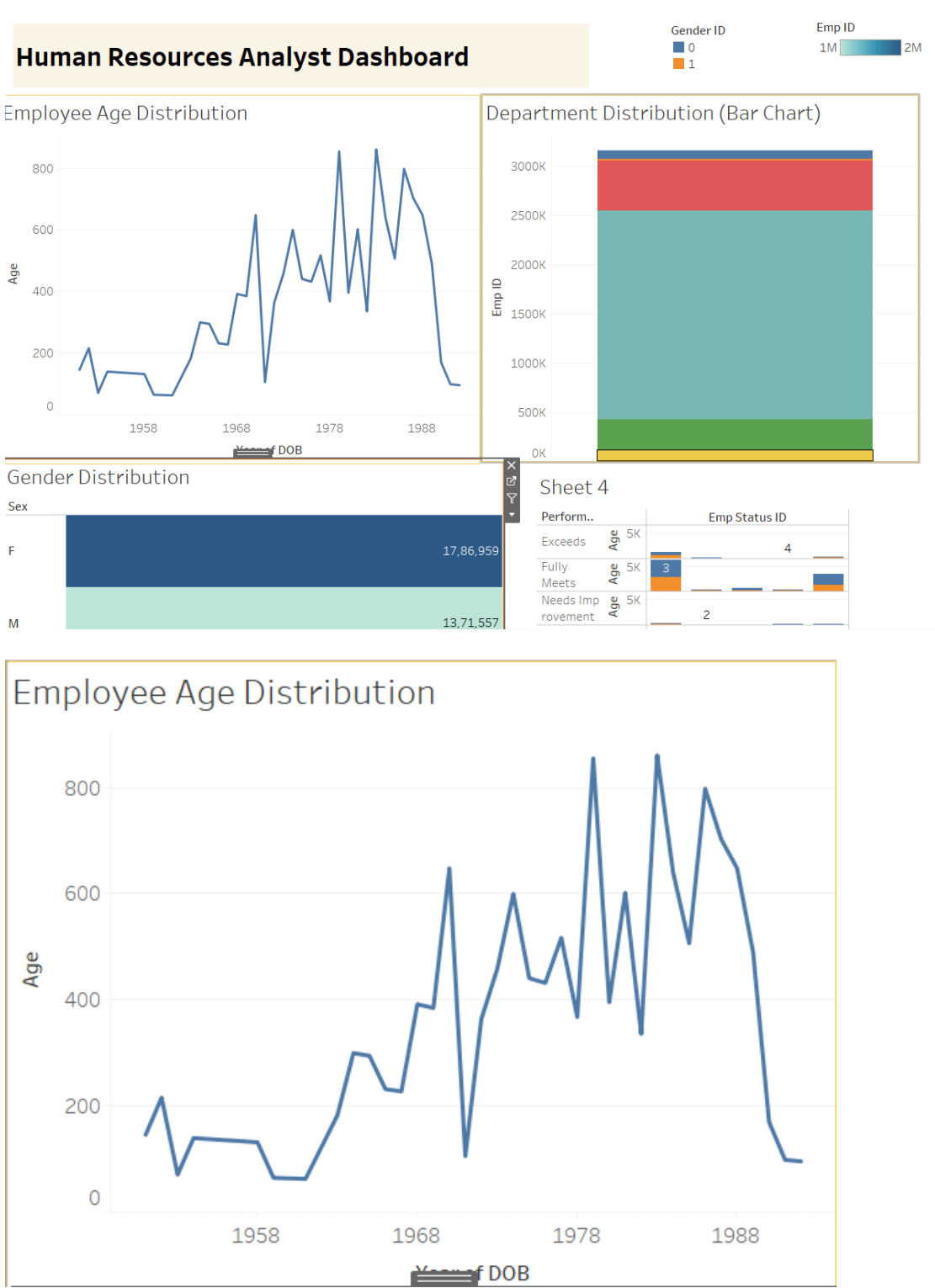
1121

Project 2: **Financial Performance Dashboard**

Performance Dashboard

Segment
- ☉ (All)
- ○ Channel Partn...
- ○ Enterprise
- ○ Government
- ○ Midmarket
- ○ Small Business

Month Name
(All)

Discount Band
- ■ High
- ■ Low

Product
☑ (All)

Country
- ☑ (All)
- ☑ Canada
- ☑ France
- ☑ Germany
- ☑ Mexico

Gross Sales vs Discounts

Country / Discounts

Canada

Gross Sales: 2M, 1M, 0M

$1,13. $1,18. $1,32. $1,39. $1,56. $1,65. $1,80.

Discount over Profit

Profit: 15M, 10M, 5M, 0M nulls

Sales and Profit Trend Over Time

Government 2014

Small Business 2014

2 negative

Sales and Profit by Country

Profit: 15M, 10M, 5M, 0M

Sales: 100M, 50M, 0M

Sales by Product and Discount

Prod.. ⬍

Amarilla

Gross Sales vs Discounts

Country / Discounts

Canada

Gross Sales: 2M, 1M, 0M

$1,13.. $1,18.. $1,32.. $1,39.. $1,56.. $1,65.. $1,80..

Sales and Profit Trend Over Time

Government 2014

Small Business 2014

2 negative

Project 3:**Human Resources Analyst**

Human Resources Analyst Dashboard

Gender ID
- 0
- 1

Emp ID
1M — 2M

Employee Age Distribution

Department Distribution (Bar Chart)

Gender Distribution

Sex

F — 17,86,959

M — 13,71,557

Sheet 4

Perform..		Emp Status ID		
Exceeds	Age 5K		4	
Fully Meets	Age 5K	3		
Needs Improvement	Age 5K		2	

Employee Age Distribution

Department Distribution (Bar Chart)

Employee Age Distribution