**Data Visualization Tableau Bird Strike Assignment Worksheet**

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* Complete the Tutorial for Data Visualization\_Tableau Birdstrike
* Provide screen shots for the questions
* Answer the questions

1. Which departure state has the highest total monetary costs as a result of bird strikes?

New York

1. What is the average speed for the airplanes with bird strikes from the departure state with the highest total monetary costs as a result of bird strikes?

150

1. How does the results change if the dimension “Aircraft Make/Model” is added?

The model changes to what aircraft had the highest total cost.

1. What is the cost for all Wildlife species (display in descending order)?

**$468,730,397**

1. What are the Total Cost and Number of Records for Wildlife species?

$468,730,397 and 99,404

1. Display the results for range of 10M to 80M for cost.

Chart, bar chart

Description automatically generated

1. Color format the results

A picture containing bar chart

Description automatically generated

1. Create 4 additional visualizations with your group. Provide screenshots for each and include a brief description of what the visualization is representing along with the dimensions and categories used

Dashboard visualization represents many factors such as: animal most prominent to cause damage, average speed on knots by state, number of strikes by animal, aircraft make/model, and number of human fatalities. The visualization offer a great visual overview and allows for easy data analysis for decisionmakers.

Chart, bubble chart

Description automatically generated