Project Story

FFA WILDLIFE STRIKE ANALYSIS

For my project, I have chosen option 2: FAA Wildlife Strikes Dataset. This dataset shows different collision incidents with aircraft and animals in the United States

Project Story

Main Question

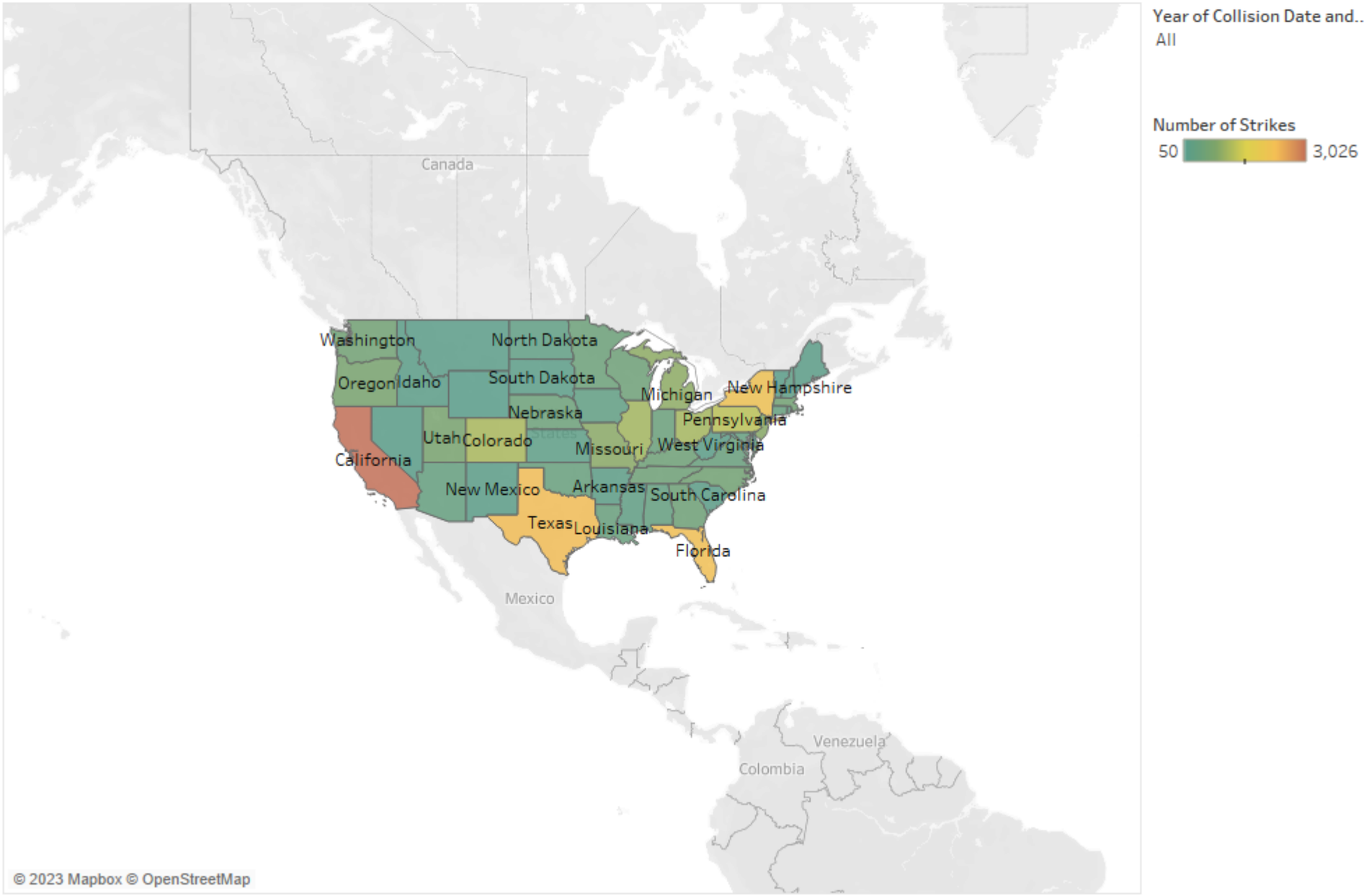
My main question of this analysis is exploring how we can reduce the amount of wildlife strikes in the United States.

Goals

My goal is to create visualizations that show causes for higher strikes so we can pinpoint these causes and find a solution to minimize collisions.

Project Story

Map Showing Number Of Strikes Per State



Project Story

Wildlife Strikes Dashboard

Top Airports (Num of Strikes)
Top 10

Year of Collision Date and Ti..
All

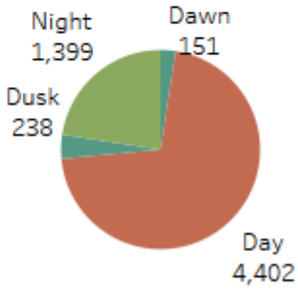
Airports With Most Wildlife Strikes

Airport: Name	Origin State	Number of Strikes
DALLAS/FORT WORTH INT..	Texas	877
DENVER INTL AIRPORT	Colorado	828
SACRAMENTO INTL	California	730
SALT LAKE CITY INTL	Utah	649
LA GUARDIA ARPT	New York	606
JOHN F KENNEDY INTL	New York	575
KANSAS CITY INTL	Missouri	508
PORTLAND INTL (OR)	Oregon	495
PHILADELPHIA INTL	Pennsylvania	486
CHICAGO O'HARE INTL AR..	Illinois	482

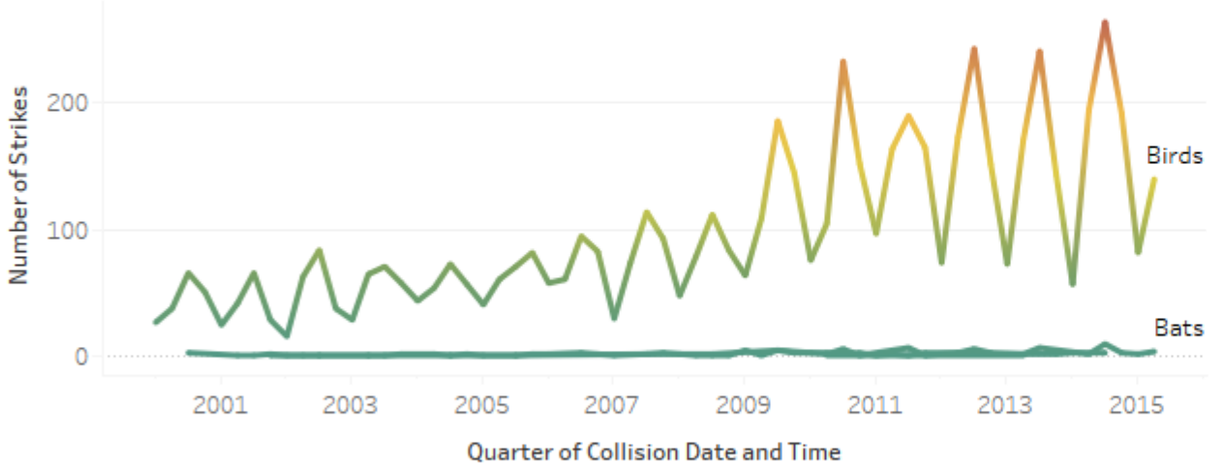
0 200 400 600 800 1000

Number of Strikes

Strikes By Time Of Day

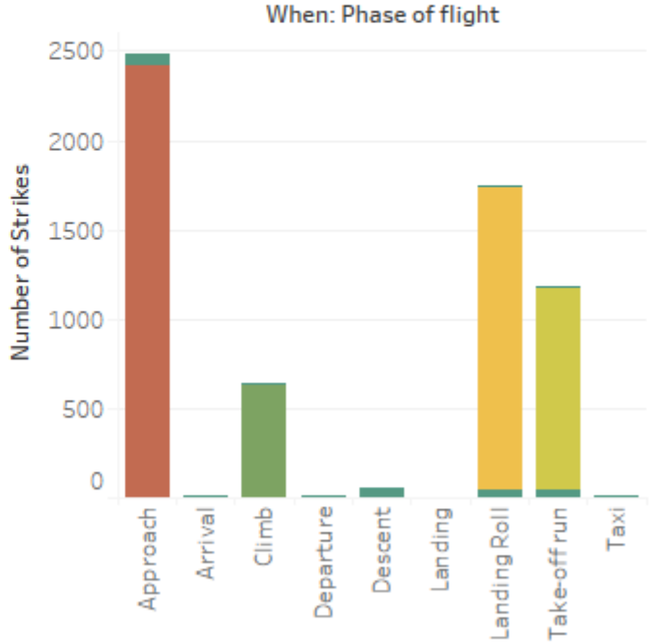


Wildlife Strikes By Year Per Animal



Number of Strikes
1 264

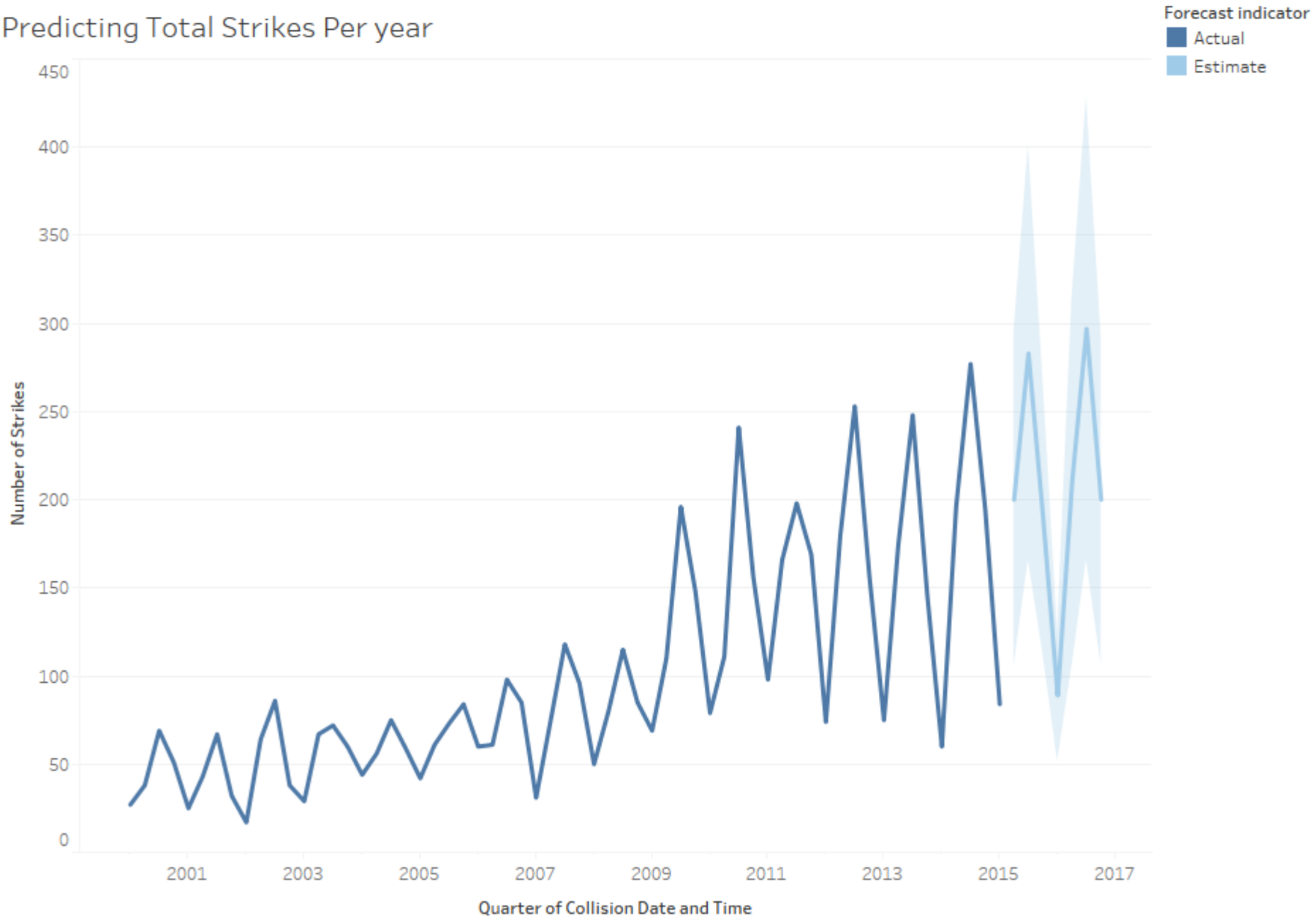
Wildlife Strikes by Phase Of Flight



Project Story

Predicting The Number Of Strikes Over A Period Of Time

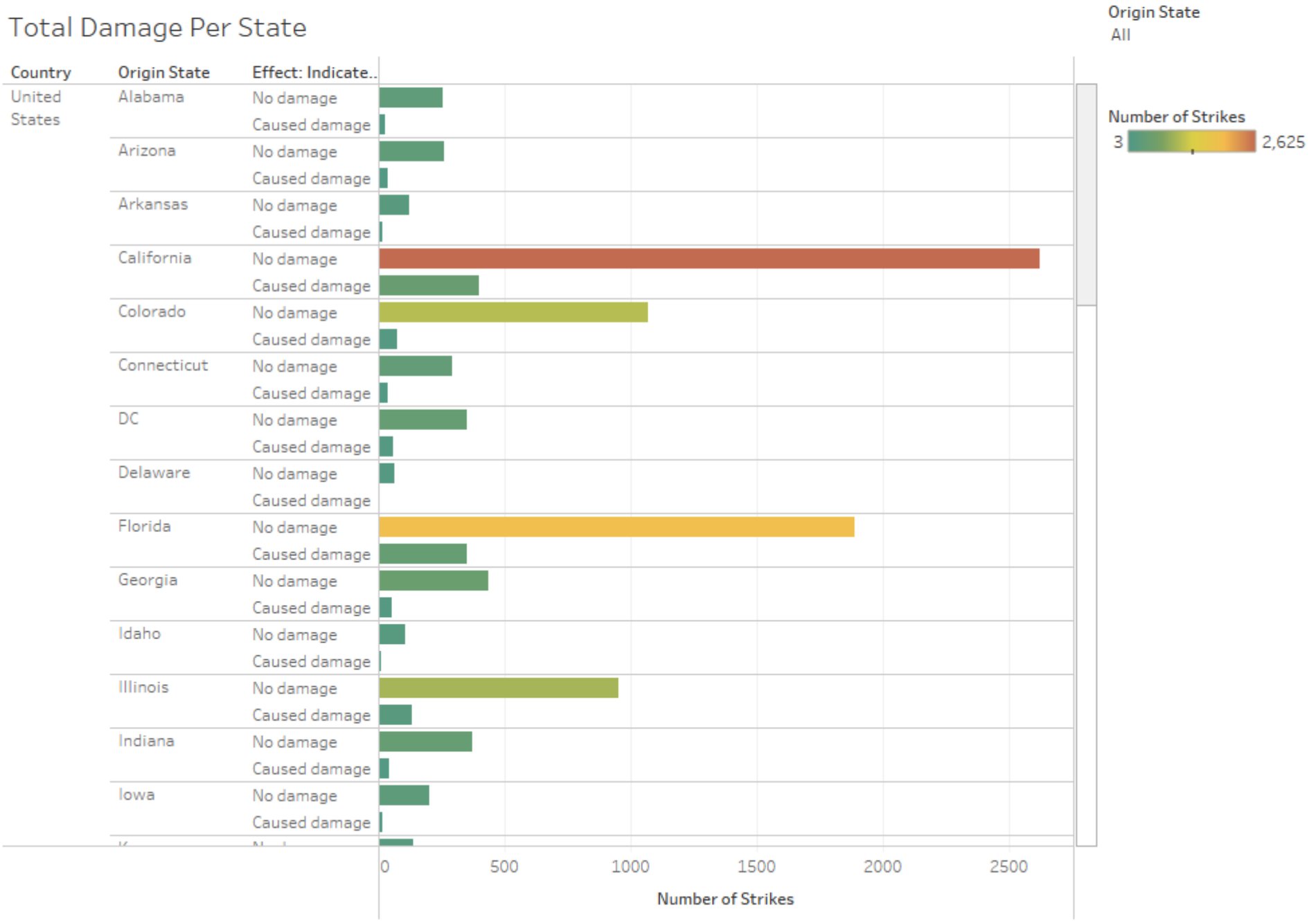
Predicting Total Strikes Per year



Project Story

Effects Dashboard

Total Damage Per State



Project Story

Main Challenge/Further Goals

My main challenge in this project has been time. If I had a bit more time I would add more viualizations/interactions, etc.

In the future, I hope to add more visualizations and key story points to my project.