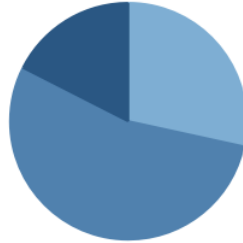


INSIGHT 1

Causes Of Flight Cancellations

Fight Cancellation by Reason



Link: https://public.tableau.com/views/FightDelayAnalysis/Dashboard1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

This dashboard gives us an overview of what are the factors surrounding the delays: day of the week, the month of the year, and airline. It also sees into the most common cancellation reasons.

- Weather denoted as (B) on the dashboard is the most common reason why flights get cancelled, causing more than half of the cancellations. 2397 flights were cancelled because of the weather during the year 2015.

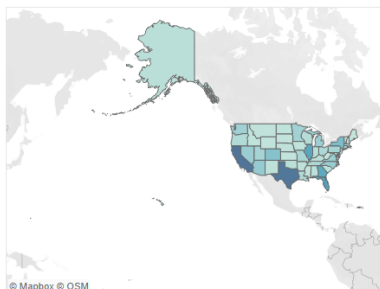
This insight can be seen in a pie chart, this design was chosen because it provides an easy understanding of the possible values and a clear view of the most common reasons by varying the size.

While Airline systems denoted as (C) on the dashboard are the least reason for flight cancellation. 776 flights were cancelled because of the airline systems.

INSIGHT 2

What State has the Highest Cancellation?

Cancellation by State



From the analysis using the map California has the highest number of flight cancellations with a number of 33,331 flight cancellations. While Texas follows suit.

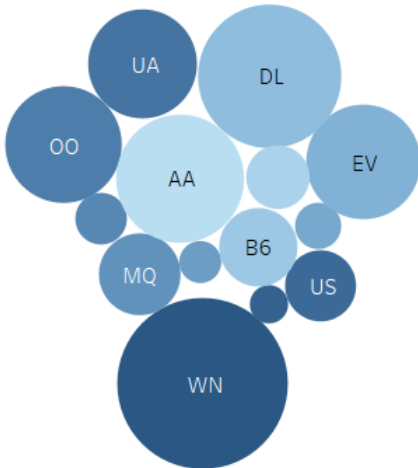
Link: https://public.tableau.com/views/FightDelayAnalysis/Dashboard1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

INSIGHT 3

For my final insight, I took into consideration the reasons for the flight cancellations

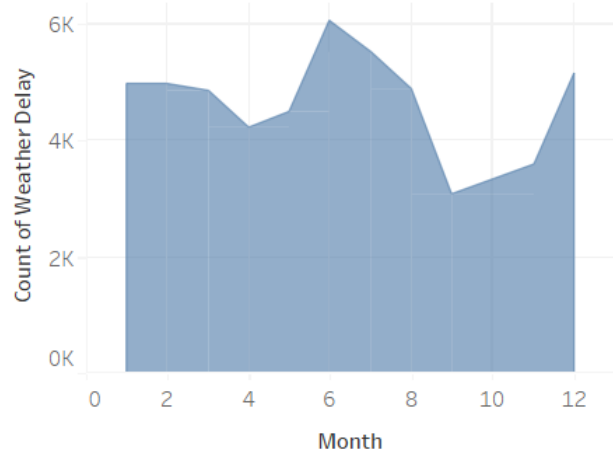
Link: https://public.tableau.com/views/FightDelayAnalysis/Dashboard1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Arrival Delay by Airline



Looking at the bubble chart for airline delays by the airline, WN has the highest arrival delay with a count of 58,438.

Weather Delay by Month



For the weather delay, I used an area map to easily detect the month with the highest amount of bad weather which occurred in the month of June being the sixth month.

