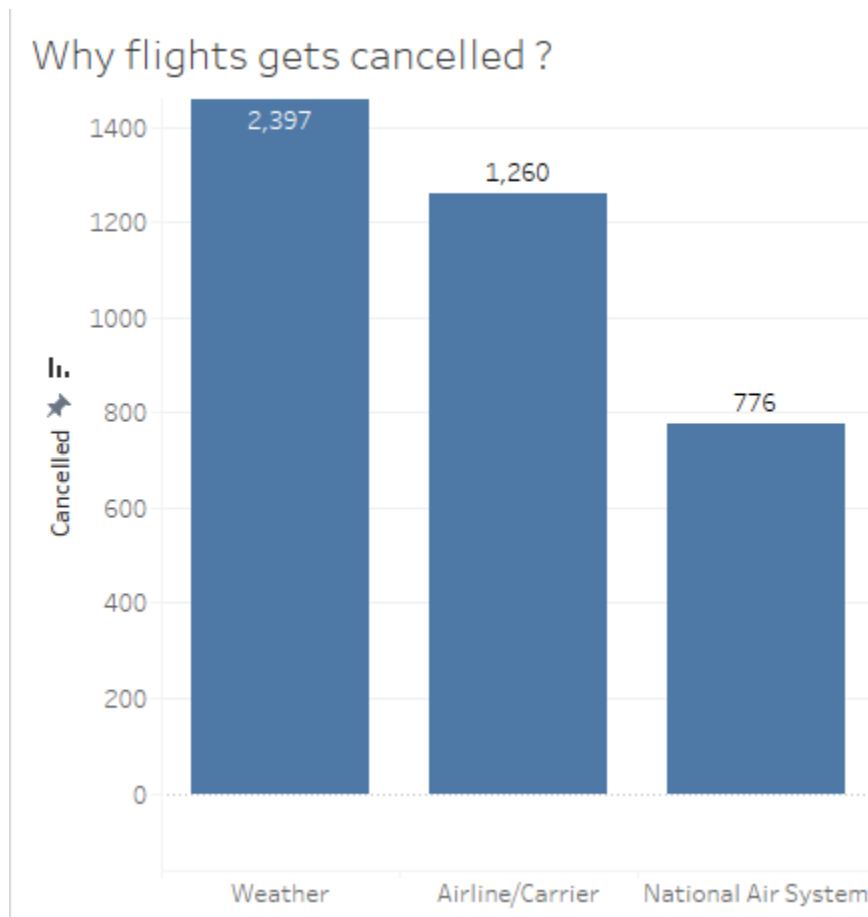1st Visualization :

Why flights gets cancelled ?

Link;
https://public.tableau.com/app/profile/abdulrahman5911/viz/project_17306511607030/Sheet43#1

Summary:

after I took at the data I was curious to know what are the reasons for flights getting canceled , after I made this visual its clear to me that weather is the most occurring reason. I added an airport and airline filter so you can filter by airport or airline.
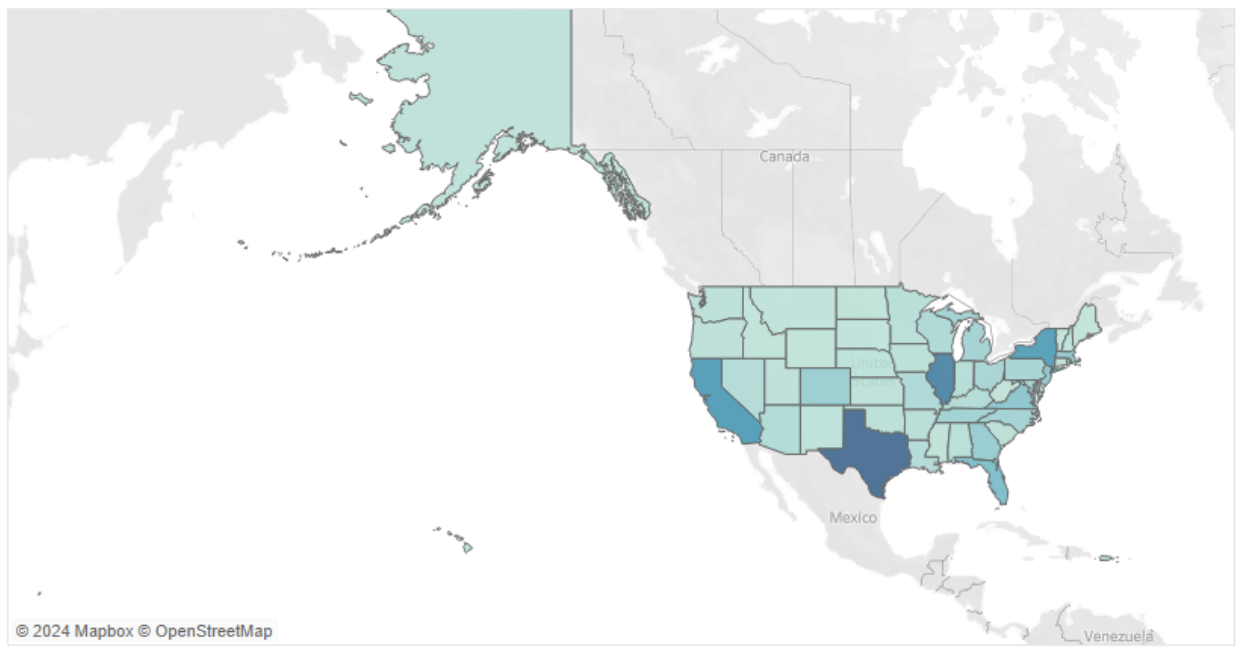
Design:

I chose the barchart because there are only 4 reasons and I wanted to know which reason occur the most.

Resources :

N/A

2nd Visualization:

Where are most flights cancelled ?

Link:

summary:

This map shows the number of flights cancellations for each state by color , the darkest state is Texas which has the most number of flights cancellations. I added the arrival delay and the departure delay as tooltip to provide more information
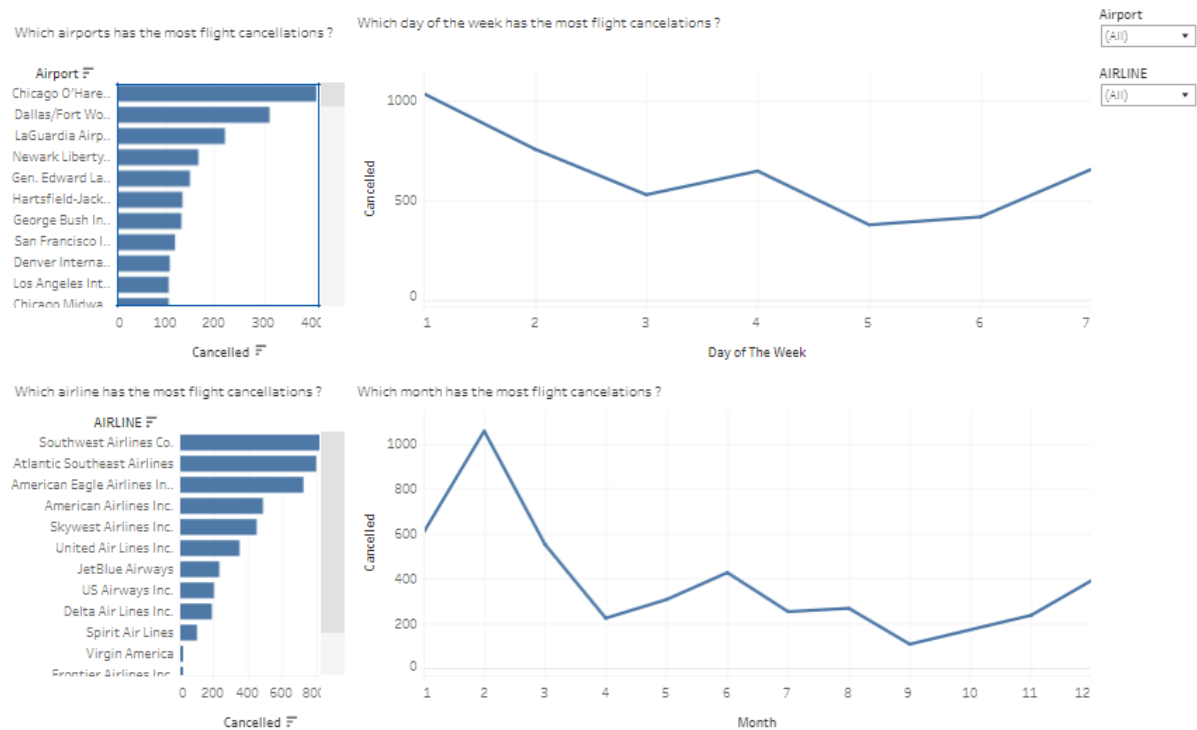
Design:

I chose the map design because it shows how flights cancellations spread around the US and where are the most flights cancellations occur

Resources

N/A

Dashboard:

Link:
https://public.tableau.com/app/profile/abdulrahman5911/viz/Dashboard_17306538339370/Dashboard1?publish=yes

Summary:

I used 4 visuals in this Dashboard 2 line charts and 2 horizontal barchart. The first line chart is to show the number of cancellation for every day of the week (from day 1 to 7), from the chart we can see that day 1 which is Monday has the most number of flight cancelations. The second line chart is to show the number of flight cancellation for every month, from the chart we can see that February has the most number of flight cancellations.

The two horizontal barchars is to which airport and which airline has the most number of flight cancellations. From the charts we can see that Chicago O'Hare International Airport and Southwest Airlines Co. Airline has the most number of flight cancellations

Design:

I chose the line chart because it very useful when it comes to express data within a period of time such as days and months.

I chose the horizontal barchart because there too many airports and airline so you easily scroll down and navigate

Resources :

N/A