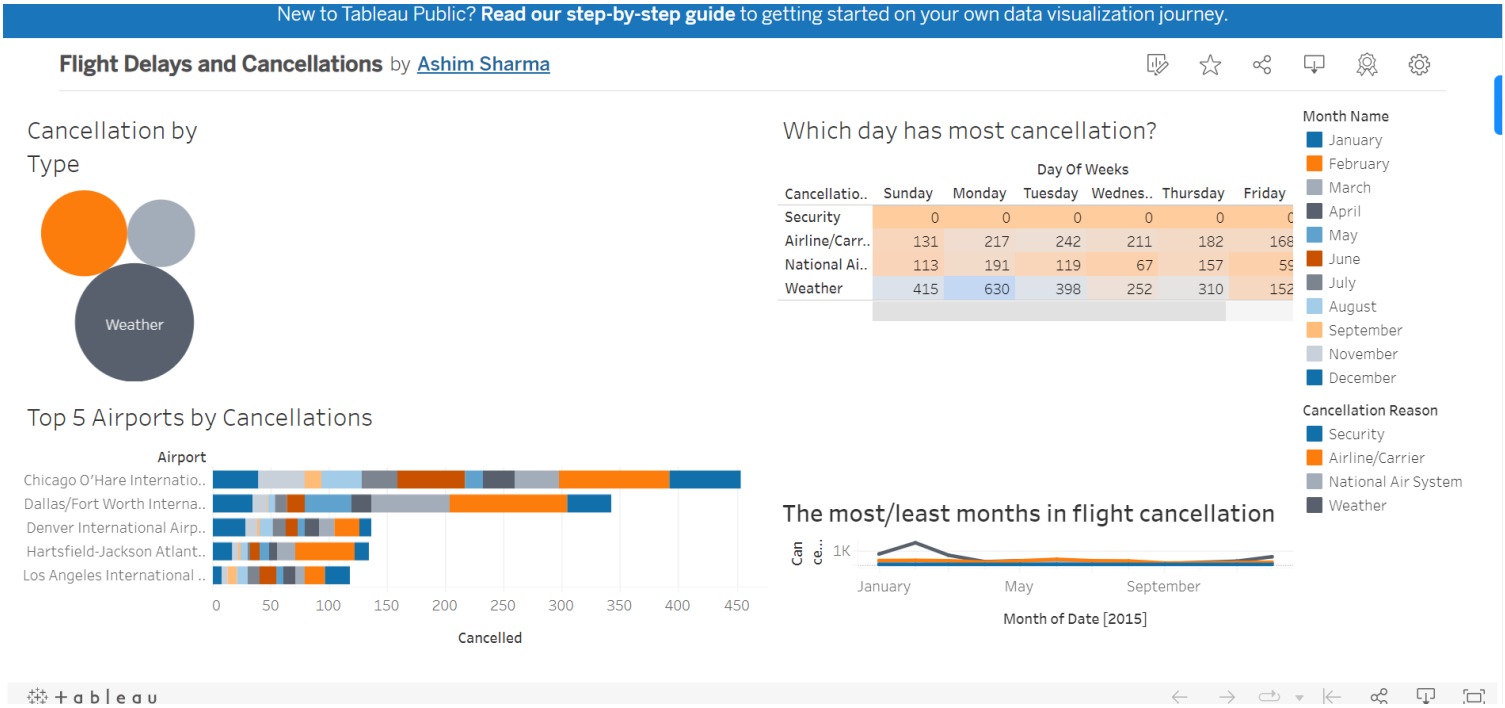
1st viz: Flight Cancellations

Dashboard:



Link:
https://public.tableau.com/app/profile/ashim.sharma7696/viz/FlightDelaysandCancellations_16914782908800/Dashboard1?publish=yes

Summary (insight):
This dashboard contains three charts almost flight cancellation within the US in 2015.
To begin with, the pie chart, which outlines the number of cancellations by sort. from this chart, it is recognizable that most cancelled flight were since of the (terrible climate).

Moment, the line chart. The knowledge which can be concluded from this visualization, is that most cancelled flight were on Monday; though on Friday most reduced number of flights got cancelled.

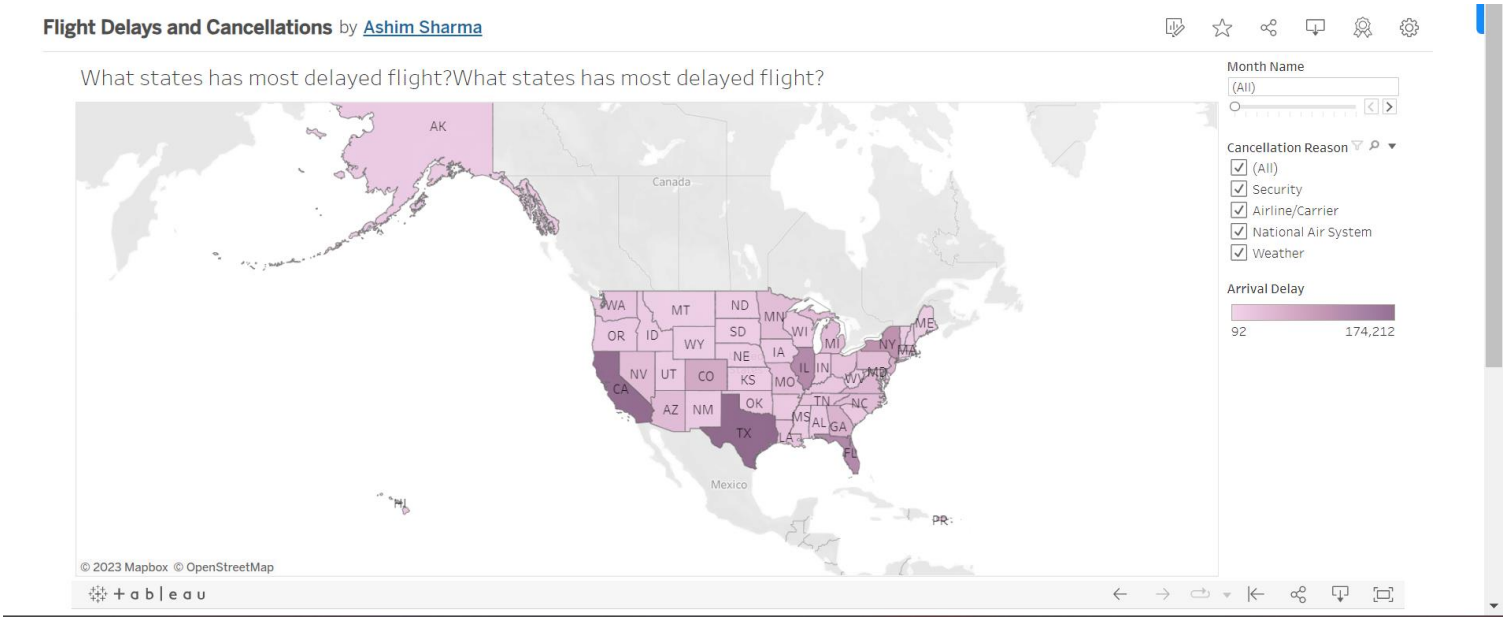
Third, the line chart clarifies the variety for each cancellation sort over time. It shows up that February, is the month where most cancellations happened, with (climate) as the predominant reason. September scored the finest months in terms of less cancelled flight.

Design Choice:
In these charts, I chose to utilize color encoding to speak to the reason for cancellation. The color palette is chosen carefully to not causing diversion or eye visual deficiency (red/green). I utilize in-chart channel to let the pursuer effortlessly press on one color, and it'll consequently channel the information on the other charts based on this particular color (i.e., cancellation reason). Line charts were utilized since the information is time arrangement information.

Resources: N/A

2nd viz: What states has most delayed flight?

Dashboard:



Link:
https://public.tableau.com/app/profile/ashim.sharma7696/viz/FlightDelaysandCancellations_16914782908800/Sheet4?publish=yes

Summary (insight):
This visualization depicts the US states with most entry delay in 2015. This lighter color demonstrates less delay period, and the dim one is the most exceedingly bad, which takes longer time. Texas and California the among the most exceedingly bad goals in terms of flight delay time upon entry.

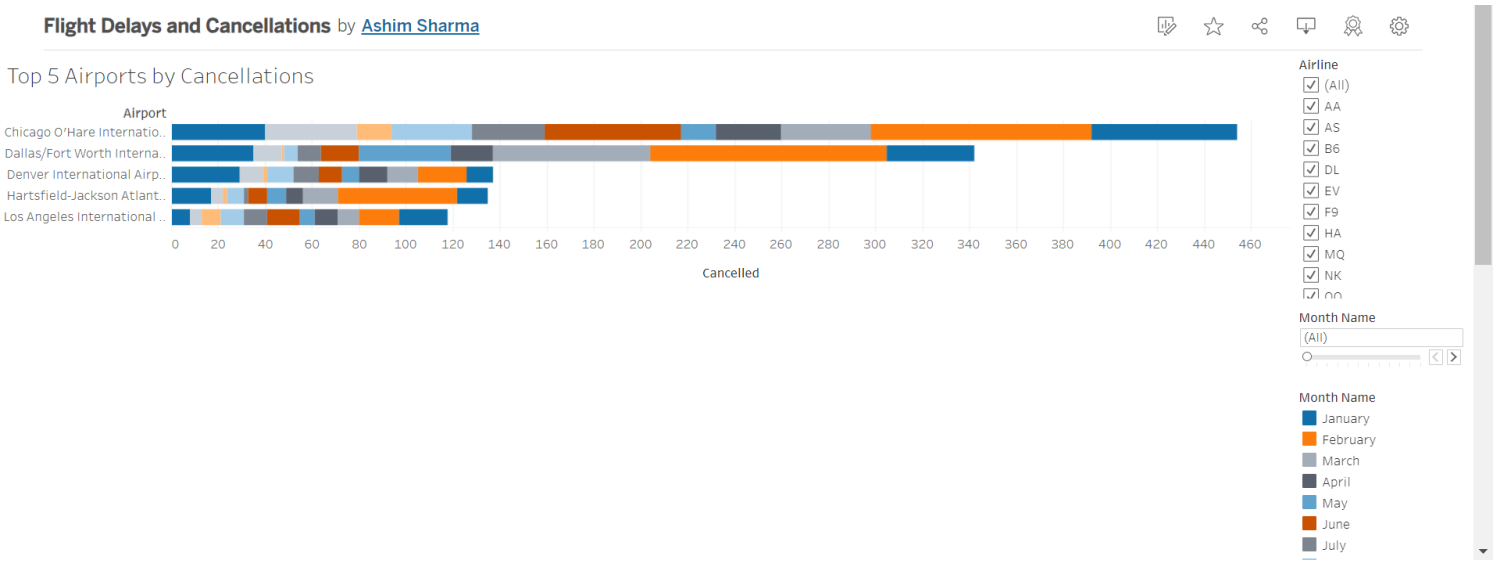
Design Choice:

I select this particular color since it the maps portrays the "delay" which is seen as negative thing. I've too included tooltip include for "Flight Delay" for the pursuer to see at the contrast between Flight and Entry Delays for each state.

Resources: N/A

3rd viz: Top 5 Airports by Cancellations

Dashboard:



Link:
https://public.tableau.com/app/profile/ashim.sharma7696/viz/FlightDelaysandCancellations_16914782908800/Sheet5?publish=yes

Summary (insight):

The Chicago O'Hare International ranked top in terms of cancellation of flights is shown in this visualization.

The graph shows that cancellation of flights. On theother hand, the Dallas international airports cancelled maximum flights in February with 101 flights whereas Chicago O'Hare International Cancelled flights in February was 94.

Design Choice:

This is a bar chart, which is suitable to compare between categorical variables. I chose this color because it is good for the eyes, and not causing eye-blindness. I also didn't add any irrelevant or unnecessary details that could distract the reader. I've added an option to filter the data by "State" because it would be helpful for readers who interested to how the distribution changes per for each state.

Resources: N/A