Visualization for Flight Cancellations

https://public.tableau.com/app/profile/cherie.djune/viz/flightcancellations_16771167686050/flightcancellations?publish=yes
I chose a horizontal bar for visualization because it is most suitable to display this data from highest to lowest flight cancellations. I also chose only one color (blue) for this chart because I don't want to make anyone confused and not get the most important points of interest which I am showing.

Looking at the dashboard, one can notice the Airline with the most cancellations is in Southwest Airlines,WN (59,437) and the second highest cancellations in Delta Airlines, DL(41,516).
The airline with the lowest flight cancellations is Virgin America, VX(2,978).

Visualization for Weather Delays

https://public.tableau.com/app/profile/cherie.djune/viz/weatherdelays_16771172658830/weatherdelays?publish=yes

Looking at the bubbles which I choose to create the visualization, we can notice that there are alot of flights with a very high number of weather delays and we also have some airlines with the least amount of delays. As one can notice, the first two airlines with the highest weather delays are Southwest Airlines, WN(11,660) and American Airlines, AA(6,239).
The airline with the least amount of weather delays is Hawaiian Airlines,HA(385).

I used different colors for this bubble chart because I want each airline with different amounts of weather delays to be easily identified while looking at each bubble. I used this type of chart to illustrate the relationship within each numerical data.

Visualization for security delays

https://public.tableau.com/app/profile/cherie.djune/viz/securitydelays_16771175728750/securitydelays?publish=yes
The line chart which I choose to create the visualization represents the number of flights with security delays each month in all the airlines. The first two months have more stable security delays. One can also notice the airline's security delays are at its highest from the fourth month(April) to the sixth month(June). Then it falls from the sixth to the nineteenth month(September) and rises again from September till the twelfth month(December).The highest security delays was in June(6,063) and lowest was in September(3,087).

I used a single line chart to represent this information because I want to show the trend and changes of security delays overtime (each month in a year).

My Dashboard on Flight Analysis

https://public.tableau.com/app/profile/cherie.djune/viz/flightanalysis_16771178916590/FlightAnalysis?publish=yes

My Story

https://public.tableau.com/app/profile/cherie.djune/viz/storyonflightanalysis/MyStory?publish=yes

Resources: N/A