Flight Delays and Cancellations

Old Version:
https://public.tableau.com/app/profile/jomana.atef/viz/Book1_16497275649800/Sheet8?publish=yes

New Version:

https://public.tableau.com/app/profile/jomana.atef/viz/FlightDelaysandCancellations_16497562826170/Delayreasons?publish=yes

Summary:

I tried to cover the delays and cancelled both, but I worked more on the cancelled one cause this makes more problems for people. Cancelled flights made many problems for the passenger.

They chart format and types setting for all plots and axis were set to default and each one and there's labels or title or guidelines to help you to understand easily,

Also, I edit the colors to be easily seen for those who have color blindness.

Design:

I used different charts and each on representing new idea, new x- axis and y-axis and I put labels and details to get the presentation clear.

First one:

There's are many delay reasons, so I put them in one chart to see the different and filtered them by the Months. If we checked the months, it's getting worse more and more by months.

Second and third ones (Dashboard):

To see the cancelled flights and which state have the largest number for cancellation and we get conclusion that TX has 668 (the largest cancellation no.), also I added months as filter to know if there's any improvement or no. and as you see there's good change but not in all Months.

Fourth:

I got the reasons from Udacity, and it shows that the weather has the greatest effect. But we can work on the other factors which we can minimize like airlines.

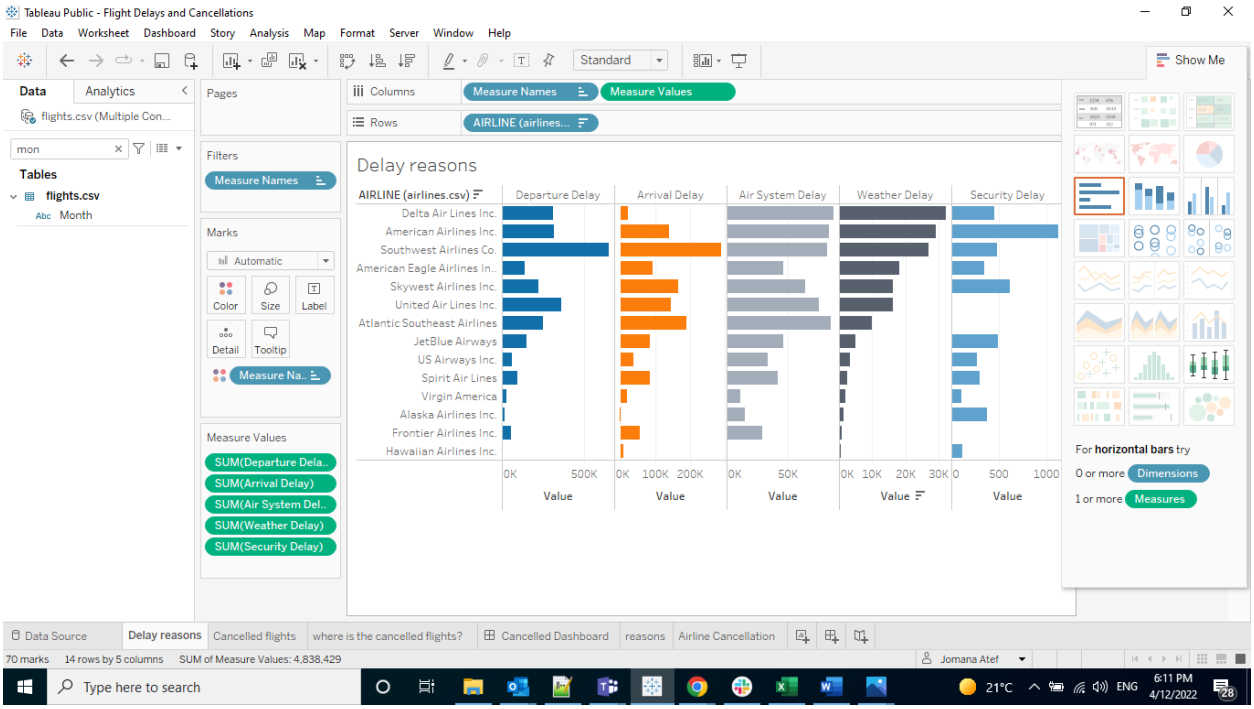
Fifth:

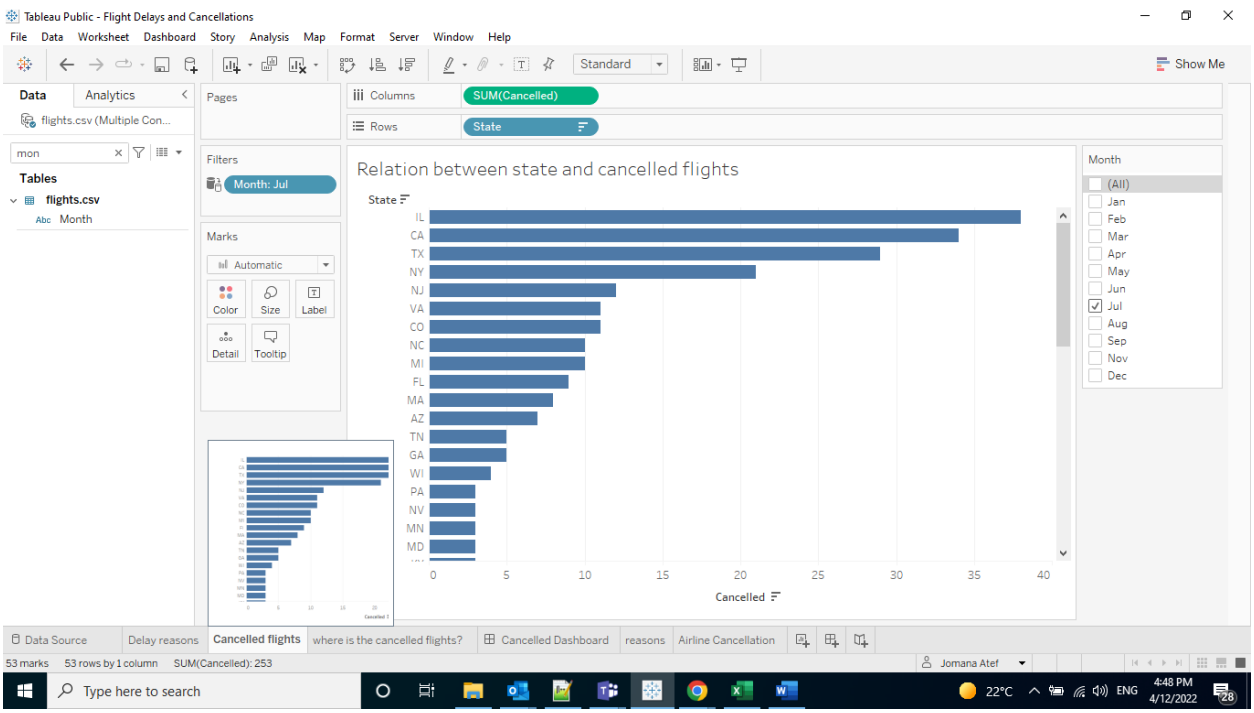
So, I worked to see the percentage of each airline and I filtered it with the sum of cancellations and I added labels for the last version.

Feedback:

1) Rename the tabs and sheets title
2) Put labels for the last one so anyone can understand it.

Resources: N/A





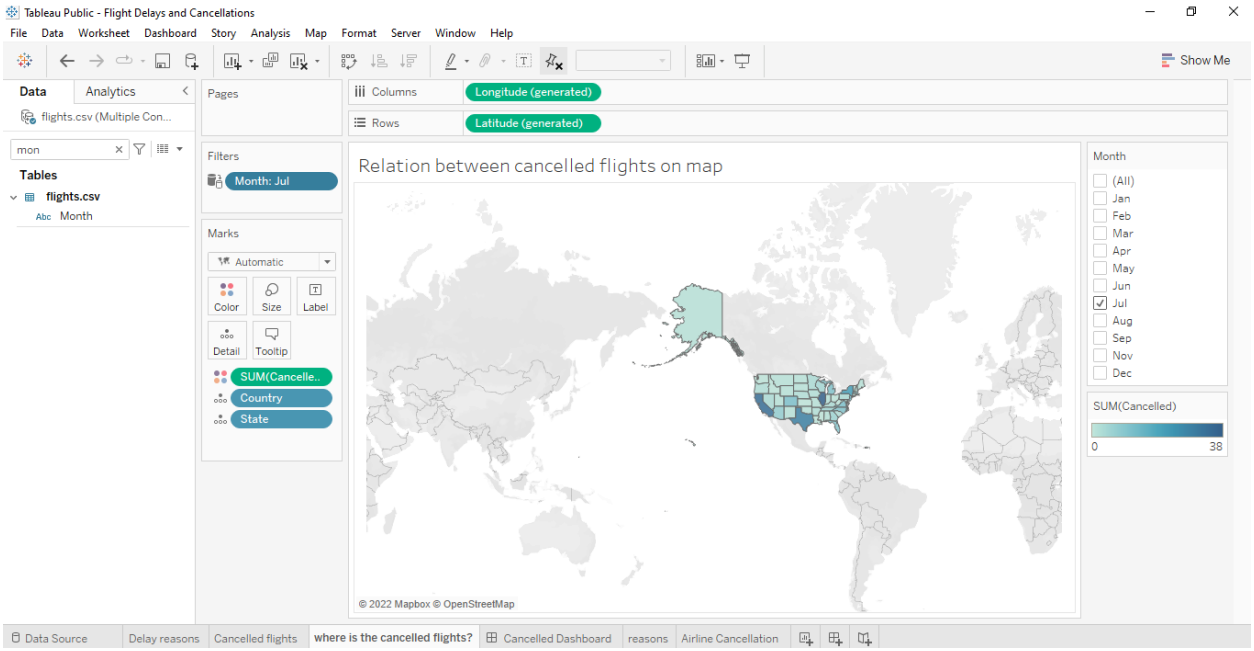


Tableau Public - Flight Delays and Cancellations
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Airline Cancellation

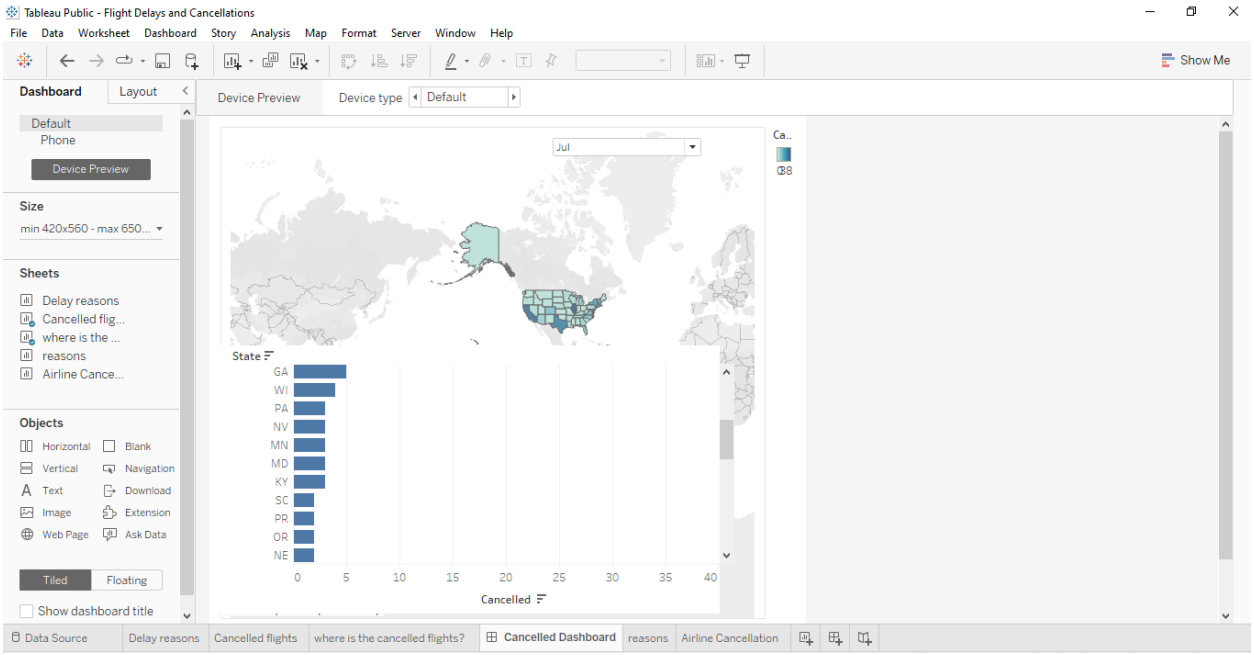
Tableau Public - Flight Delays and Cancellations
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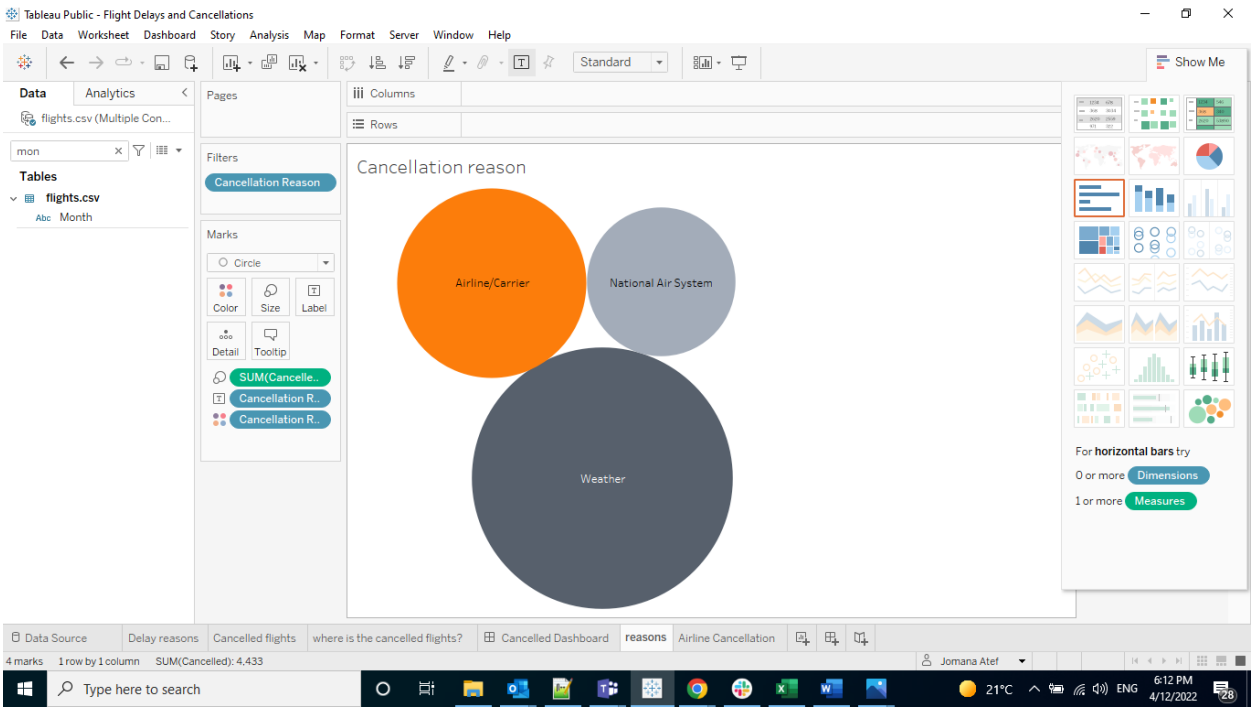
Tableau Public - Flight Delays and Cancellations
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Jomana Atef
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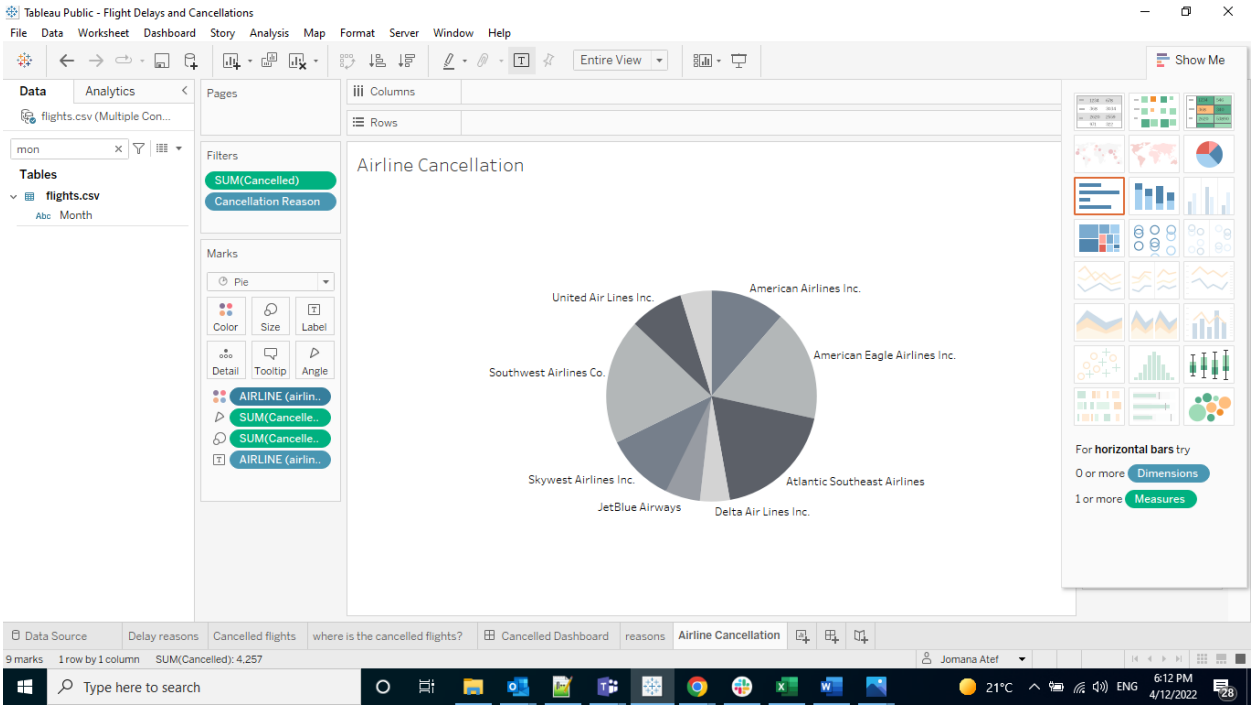
Tableau Public - Flight Delays and Cancellations
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