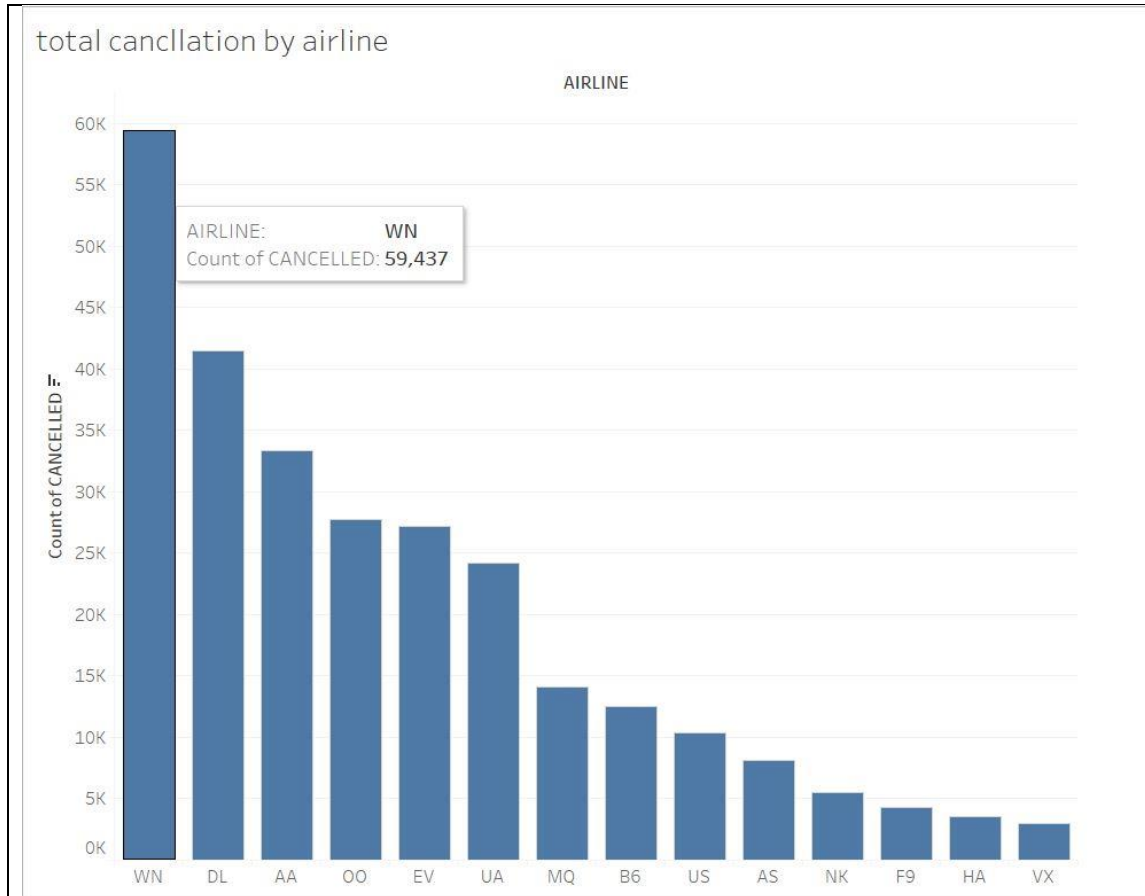


Insight (1)



1- Total delay in USA airlines?

Summary:

From this bar chart, we can see that airline "WN" is the highest with 59,437 delays while the lowest is airline "VX" with 2,978 delays.

Design:

I used the bar chart because it makes it easy for us to see all the airlines. And I also used a filter and at the same time I was keen on using color blindness.

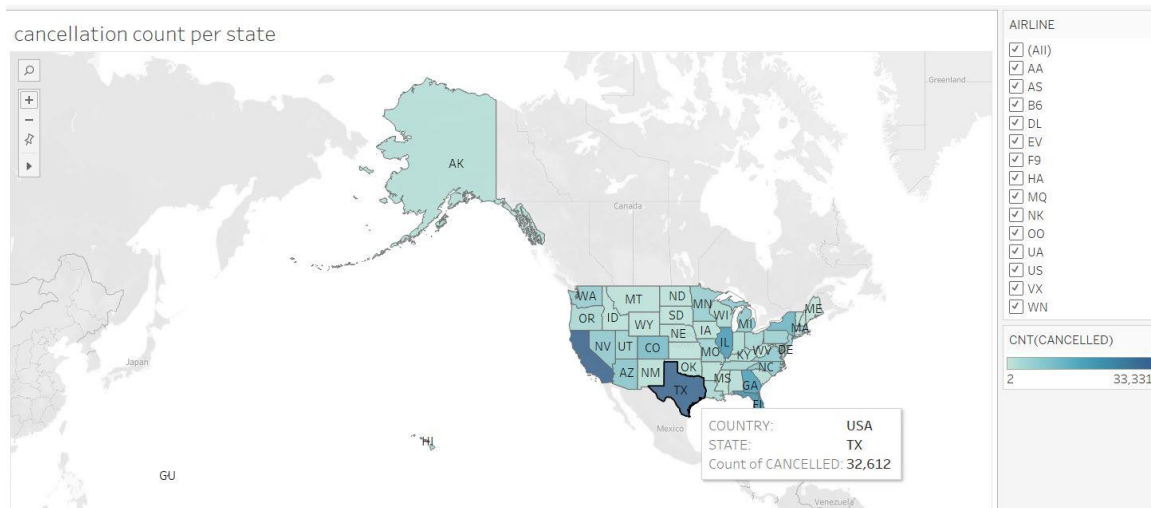
link:

https://public.tableau.com/profile/ali.mahdi.alimunajjam#!/vizhome/FlightDelaysinUSA_16164379237190/totalcancellationbyairline

Resources:

Not available

Insight (2)



Summary:

What is the highest state in the number of cases of abolition and the least state?

Summary:

From the link we can find the map that contains the case with the highest delay number, and the map

It makes us able to see the cancellation of every condition that occurs in "CA" with 33331 canceled and then "AS" with 2.

Design:

I chose the map because it is clear to the cancellation database because it has the ability to provide the locations of each state and the details of each in a simple way, and I used the filter to know the airline and the number of delays for each of them, the company facilitates knowing which country has the highest delay rate and which state is the least.

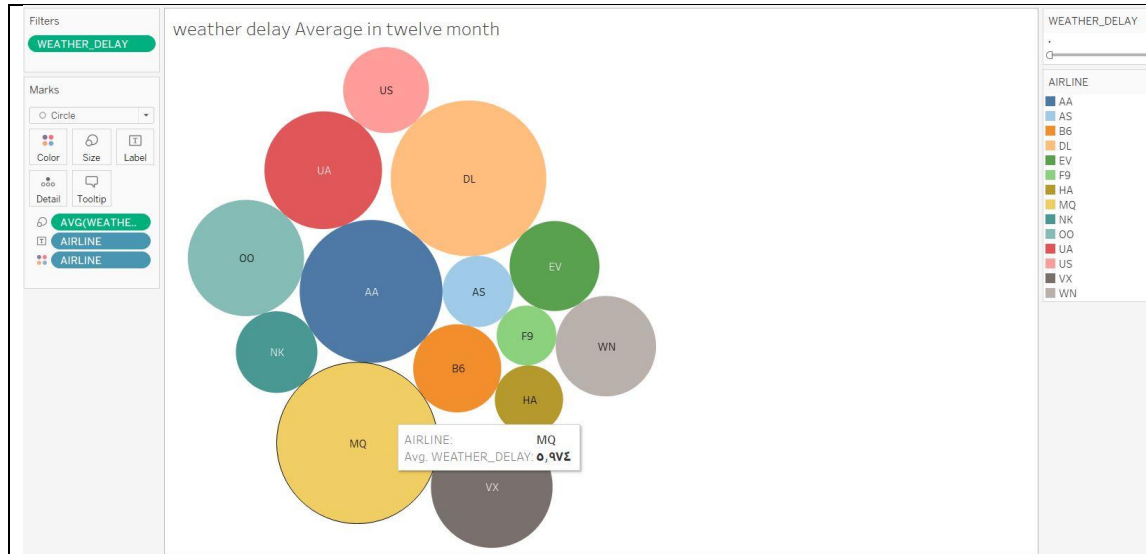
link:

https://public.tableau.com/profile/ali.mahdi.alimunajjam#!/vizhome/FlightDelaysinUSA_16164379237190/cancellationcountperstate

Resources:

Not available

Insight (3)



What is causing the delay?

Summary:

As this bubble chart shows, there are reasons for weather and airline delays; The weather is the number one culprit with the most significant delay.

Design:

You select a simple color for the bubble chart, this filter makes the data look simply clear and the circle size indicates the size of the data or object with a big impact, so it arranges the shapes from largest to smallest according to the size of the data or effect.

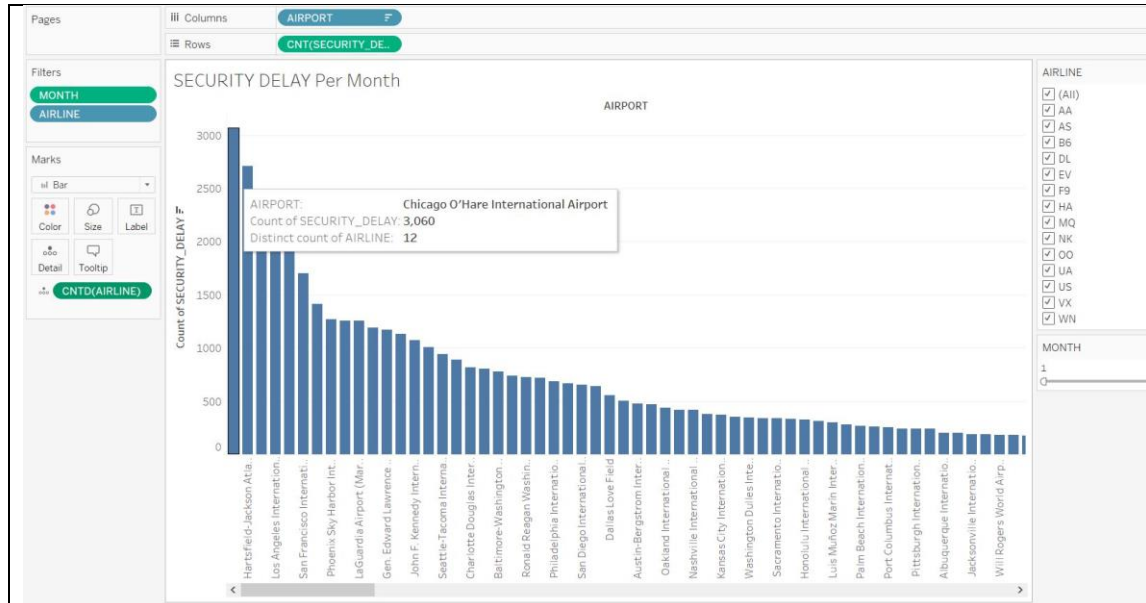
link:

https://public.tableau.com/profile/ali.mahdi.alimunajjam#!/vizhome/FlightDelaysinUSA_16164379237190/weatherdelayAverageintwelvemonth

Resources:

Not available

Insight (4)



Which airlines or airports are experiencing the worst cases of security delays in the United States?

Summary: The horizontal bar shows which airport has the most security delays in leaving; The most common security delays are Chicago O'Hare International Airport, with a security delay of 3,060, then we have Hartsfield-Jackson Atlanta International Airport with a security delay of 2,708.

Design: I chose the horizontal departure delay bar for each airport because it displays the data more clearly. I added the month filter, used the filter to reduce the number of airports because their number is too large and made them more tidy, and I chose blue to make the bar coordinate.

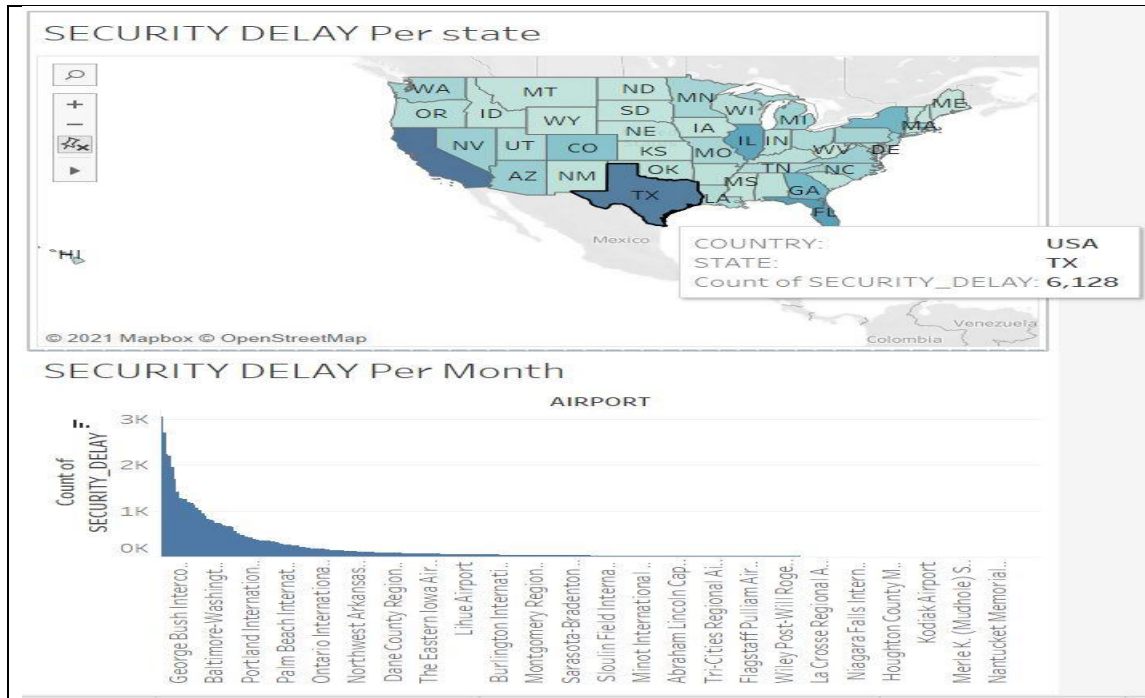
link:

https://public.tableau.com/profile/ali.mahdi.alimunajjam#!/vizhome/FlightDelaysinUSA_16164379237190/SECURITYDELAYPerMonth

Resources:

Not available

Dashboard



Security delay dashboard

Summary:

From the link below, we can find a dashboard with the map and the highest security delays for every case and security delays for each airport. The map makes us able to see the security delays for each state, which occurs in California with 6,128 security delays, and then Texas with 6,128 security delays. The horizontal bar shows us the highest airport with the highest security delay, in a simple way.

Design:

The map is used as evident for the cancellation database because it has the ability to provide country locations and details of each in a simple way. Also, the horizontal bar departure delay for each airport makes it easy to know which airport has the highest rate of security delay and which airport has the lowest rate of security delay.

link:

https://public.tableau.com/profile/ali.mahdi.alimunajjam#!/vizhome/FlightDelaysinUSA_16164379237190/DashboardsecurityDelay

Resources:

Not available

