

Build a Dashboard Project

Flights-Delays

Which airlines have the worst delays?

<https://public.tableau.com/app/profile/hassan.hisham/viz/BuildadashboardProject/CancellationInAirportsinmonths>

In Airlines Delays Tab (Worksheet)

Summary:

This Visualization shows the total number of delays in each Airline, So, the most delays occurred in Southwest Airlines Co. with 182,670 delays

And Virgin America has the least number of delays with 7,583 delays

Design:

I used Bar Chart as it's one the best charts used in Categorical data types

What is the number of Flights Cancellation in States by Months?

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In Cancellation in months Dashboard

Summary:

This Dashboard shows the number of canceled flights in all the states of America filtered by all months of year 2015 and we can select a specific month or all months at once

As we see TX has 661 Canceled Flights in the whole year of 2015 while WV has the least canceled flights which 1 in the whole year

Design:

I used the map visualization with a bar chart so it can be easy for the user to understand the whole dashboard

What are types of delays & number of each delay overtime?

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In Types of Delays Overtime Tab (Worksheet)

Summary:

This Visualization shows each type of delay and how it changes overtime,

As we see in this visualization that Departure Delay always the most delay in all delays in each month while security delay always been the least delay overall delays in each months

Design:

I used the Line Chart as it the best chart for dealing with time, with colorblindness palette.

Which Airports has the most Cancellation and which has the least?

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In Cancellation in Airports in months Tab (Worksheet)

Summary:

As we see Chicago O'Hare International Airport has the most canceled flights over the year and most of the months but in the second month we see that Dallas/Fort Worth International Airport has the most canceled flights with 98 canceled flights

Design:

I used the Tree Chart so it displays easily all the Airports with the numbers and names on it