

Visualization 1: Which airlines or airports have the worst delays?

Tableau link:

https://public.tableau.com/profile/hessa.ahmad#!/vizhome/CancellationbyAirline_15921451621080/Dashboard2?publish=yes

Summary and Design :

As we see in chart the Southwest Airlines Co. has maximum cancellation 818 , Which is increase at the weekend days from the beginning of the week .

I use cold color and same color for all airlines to focus on number of cancellation and sorted descending by sum of cancelled within airlines.

Resources:

<https://github.com/AKSingh-Udacity/Build-Data-Dashboards>

Visualization 2: What causes delays?

Tableau link:

https://public.tableau.com/profile/hessa.ahmad#!/vizhome/CancellationbyAirline_15921451621080/Dashboard3?publish=yes

Summary and Design :

By chart part of the flight causes the most delays it is the weather has 2397 based on all 2015 , Since the weather depend on the month spicely at summer and winter months as we see in chart it will be increase delays rather than other month.

The Conditions that led to the cancelation of flight at Chicago O'Hare International Airport has amount 454 cancellation in 2015 which is the highest value than other airports , by 253 from weather followed by National air system by 110 and the lowest one Airlines by 91. We can see also here the weather condition the most reason at Chicago O'Hare International Airport also the other airports most of them the weather condition the most reason.

I use different cold color to each causes to focus on which one is the reason behind delays .

Resources:

<https://medium.com/@mosesandersonong/data-visualisation-of-flight-delays-with-tableau-40aa6abf676b>

Visualization 3: Which month has the most flight delays in minutes?

Tableau link:

<https://public.tableau.com/profile/hessa.ahmad#!/vizhome/AvgDepartureDelayVSMonth/Dashboard4?publish=yes>

Summary and Design :

The most flight delays in minutes at June has average 15 minutes so the mid of the year have most flight delays. Rather than september which is have lowest average 5 minutes only. Over all delays time have a trend based on all 2015 at all.

I use line chart since the average based in months at 2015.

Resources:

<https://medium.com/@mosesandersonong/data-visualisation-of-flight-delays-with-tableau-40aa6abf676b>

Visualization 4: Which state in America has the most flight cancellation?

Tableau link:

https://public.tableau.com/profile/hessa.ahmad#!/vizhome/CancellationbyAirline_15921451621080/Dashboard5?publish=yes

Summary and Design :

The state California in America has the most amount of flight cancellation reaching 33331 cancellation.

Resources:

<https://medium.com/@mosesandersonong/data-visualisation-of-flight-delays-with-tableau-40aa6abf676b>