

Flight Delays and Cancellations

Flights

link here: <https://www.kaggle.com/usdot/flight-delays/data>

visualization1:

Tableau link:

<https://public.tableau.com/app/profile/shawky.el.gendy/viz/cancelledinstates/cancelledState?publish=yes>

summary and design:

I create a map for explanatory cancelled in each state and I use an alias in the field of the month and I filter by it.

I notice that TX state has most cancelled.

visualization2:

Tableau link:

<https://public.tableau.com/app/profile/shawky.el.gendy/viz/cancelledpermonthsheet/cancelledbermonth?publish=yes>

summary and design:

I create a line chart to explain cancelled trips each month, and I notice that February has the most cancelled trips.

visualization3:

Tableau link:

<https://public.tableau.com/app/profile/shawky.el.gendy/viz/Canceledtrips2dashboard/DashboardFlight?publish=yes>

Summary and design:

I create a dashboard to contain two sheets above

visualization4:

Tableau link:

<https://public.tableau.com/app/profile/shawky.el.gendy/viz/scheduleddepartureandcancelledsheet/scheduleddepartureandcancelled?publish=yes>

Summary and design:

I create a scatter plot and I notice that when scheduled departures are early, cancelled trips are decrease.

A scatter plot better than line chart because if I use line chart ,the chart being more crowded

Visualization5:

Tableau link:

<https://public.tableau.com/app/profile/shawky.el.gendy/viz/Cancelledinairportsheet/cancelledinairport?publish=yes>

Summary and design:

I create a bar chart to know the airports have more cancelled trips and I use an alias in the field of cancellation reason and I filter by it.