<u>**Build a Data Dashboard Project**</u>

2015 Flight Delays and Cancellations

This data comes from a Kaggle dataset

(**https://www.kaggle.com/datasets/usdot/flight-delays**)

Dashboard1

Insight 1: Most Cancellation by state

Link:

https://public.tableau.com/app/profile/wesam8104/viz/Dashboard1_16495302769230/Whichstatehasthemostcancellation?publish=yes

Summery:

From this dashboard, we can see the **TX** state has the most cancellations. February has the most cancelled flights and September has the lowest cancelled flights.

I chose the line chart for number of cancellations in each month and shaded map to show the most cancellations states with orange-cold color.

N/A

Dashboard 2

Insight 2: Most weather_ delay by city

Link:

https://public.tableau.com/app/profile/wesam8104/viz/Mostcityhasthemostweather_delay/Dashboard2?publish=yes

Summery:

From this dashboard, we can see the **Chicago** city has the most weather delay flights and some cites haven't any delay. Sunday has the most weather delay flights and Friday has the lowest weather delay flights.

I chose the line chart for number of weather delay flights in a day of week and shaded map to show the most weather delay cities with blue color.

Resources:

N/A

Dashboard 3

Insight 3: Which airline has the most average delay and the most cancellation reason?

Link:

https://public.tableau.com/app/profile/wesam8104/viz/theairline hasthemostdelay/Dashboard3?publish=yes

Summery:

From this dashboard, we see the Hawaiian airline has the most average delay time in minutes and virgin airline has the lowest average delay time in minutes. The most cancellation reason in all airlines is **weather** except the virgin airline that the reason is the national air system.

Design:

I chose the pie char to show the cancellation reason in each airline and tree map to show the most airline with delay with blue color.

Resources:

N/A