

Data Visualization Project

Flight Delays and Cancellations

Insight 1

Tableau Link :

https://public.tableau.com/views/Wichairlinesandairportshavetheworstdelays/Dashboard1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary :

This Dashboard has 2 bar charts showing worst airports and airlines in flight delays and we can see that the worst airport in delays is Guam International airport, and the worst airline is Spirit airlines I also added a filter for months to show in each month what are worst airlines and airports.

Design :

I used bar charts as it's the best chart for comparing values and I used pie chart to visualize the difference between all arrival delays and departure delays.

Resources:

<https://www.youtube.com/watch?v=QQsuySeE9HY>

Insight 2

Tableau Link :

https://public.tableau.com/views/whatcausesdelays_16488471329450/Whatcausesdelays?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary:

This worksheet shows the average delay time during the months of the year for all the causes of delay mentioned in the data, and from this graph we can conclude that the biggest reason for delay is the “Late aircraft delay” and the smallest is the “security delay”

Design:

I used line chart in this graph as I wanted to show trend lines through the year.

Resources:

NA

Insight 3

Tableau Link :

https://public.tableau.com/views/wichstatehasthemostcancelledflights/whichstatehasmostcancelledflights?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary:

This map shows the number of cancelled trips in each state in US I also added a filter to show cancelled trips in each month and day of week and we can see that the highest number of cancelled trips is in Texas with 661 cancelled flight and the smallest is in DE and VI with 0 cancelled flight.

Design:

I used map to highlight every state.

Resources:

NA