

TABLEAU PRESENTATION

Visuals 1

Insights 1

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

Summary: The chart shows the airlines with delays. From the bar chart, we can see the airline with the highest number of delays is WN (11,660) and the airline with the lowest number of delay HA is only 385.

Insights 2

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

The map tells the city that cancelled flights based on the reasons for the cancellation. According to our visualization we see the city of Chicago has more flight cancellation of (512) and the Crescent City has only (1) cancelled flights.

The reasons for Chicago having the highest number of cancellations is due to National Air System (C) and for Crescent City it is due to the weather.

Insights 3

https://public.tableau.com/views/DasboardofFlights/Dashboard1ofFlights?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

The Dashboard shows the city with cancelled flights worksheets and the airlines with delays worksheets are added together to create a dashboard. I use Airline as the filter to apply to all worksheets for all using related data sources. So, Dashboard tells the city and airlines with the numbers of delays and cancellation using Airline as a filter.

Design: Blue is used for the bar chart because, using different color create noisy visualization and will distract the viewer from getting the required information. While for the cancellation worksheets i used sequential blue color design.

Resources: N/A

VISUAL 2

Insight 1

Link: https://public.tableau.com/views/DivertedFlights1/DivertedFlights?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

Summary: The horizontal bar charts tells the total number of diverted flights by different city in the US, and we can see from the chart that the month of January for Atlanta City has over (45) diverted flights which is the highest number of diverted flights followed by Chicago (44).

Design Comment: Bar chart is best suited to represent category data type. I added a month filter, so the audience can dig into which states have the highest and lowest diverted flight in each months.

Resources: N/A

Visual 3

Insights 1

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

Summary: The bubble chart tells the airline with the total number of weather delays, and we can see that DL Airline has the highest total number of weather delays while HA Airline has the lowest total number of weather delay.

Design: I used the blue color sequence wherein the darker color donates the greater number of weather delays and the lighter color the low numbers. This type of coloring makes it easier to quickly spot which airline have high/low weather delay.

Resources: N/A