Insight 1: what are the conditions that led to cancellation in each month

https://public.tableau.com/app/profile/ahmed.elbahnasy/viz/flightcancellationdashboard_16716241797590/Dashboard1?publish=yes

this dashboard is about what cause cancellation in flight and it appears that most of the flight were cancelled because of the weather especially in the months of winter {December, January, February and March}

I found that the state of Texas is the most state with cancellation number of flights and it is also because of the weather but in September I found that no flight was cancelled because of weather

I choose the map design to show the distribution of the cancelled flights then I used the stacked bars chart to explain the cause of the cancellation

Insight 2: which airline has the most cancelled flights and what is the reason of this cancels

https://public.tableau.com/app/profile/ahmed.elbahnasy/viz/airlinewiththemostcancelledflights/Sheet2?publish=yes

The dashboard explains the airline with the most cancelled flights that is Southwest Airlines Company but the top reason of those cancels is because the weather

But for the Atlantic Southeast Airline most of the cancelled flights were because of the airline itself

Insight 3: which airport was the busiest in every month

https://public.tableau.com/app/profile/ahmed.elbahnasy/viz/busiestairportacrossthemonths/Dashboard1?publish=yes

This dashboard is about the busiest airport across all months besides the distribution of the flights in the days of the month

From the bar chart used in the dashboard it appears that the Hartsfield-Jackson Atlanta International Airport is the busiest airport across the USA airports

It looks like the that the day of 31 is the best day to travel as it has the fewest number of the flights in the month

The dashboard also includes the number of flights across every day of the week but it seems that all of the days have nearly the same number of flights