Build Data Dashboards project

1st Insight: Which month has more cancellations and by which airlines?

https://public.tableau.com/profile/mohamed.el.hadramy.oumar#!/vizhome/Flightcancellationspermonth_0/Dashboard1?publish=yes

Looking at the dashboard, we see that cancellations of flights occurred throughout the year and specially february had the most cancellations with 1058 cancellations.
We see that the month september had only 108 cancellations which makes it the month with the least cancellations. Line chart was used as it is the best to describe data described in dates.
We go further into investigating the airlines which had most cancellations during the month of february since february had most cancellations.
We see that the MQ airline had the most cancellations with 108 cancellations in the month of february. HA airline had zero cancellation in the month of february.
Used bar charts to easily sort and compare the number of cancellations per airline.

2nd Insight: What is the average arrival delay if the origin airport is ORD?

https://public.tableau.com/profile/mohamed.el.hadramy.oumar#!/vizhome/WhatistheaveragearrivaldelayiftheoriginairportisORD/Sheet1

Filtering the origin airport to only ORD and destination airports to only the first 10 in the alphabetic order, we can see from the worksheet that we calculated the average arrival delay from all the flights from ORD to these airports.
We have ACY airport has the highest average arrival delay of 33.17 minutes for flights coming from ORD airport and we have AUS having the lowest average arrival time of 0.73 minutes for flights coming from ORD airport.
Used bar chart to sort and compare the average arrival delay for those flights coming from ORD airport to these 10 airports.

3rd Insight: What is average air time taken by flights from DFW and ORD airports in AK, AL, and AR states per city?

https://public.tableau.com/profile/mohamed.el.hadramy.oumar#!/vizhome/WhatisaverageairtimetakenbyflightsfromDFWandORDairportsinAKALandARstatespercity/Sheet1?publish=yes

Investigating average air time taken by flights coming from DFW and ORD airports in different cities in AK, AL, and AR states, we see from the worksheet that the highest average time is by flights coming from DFW airport with 382.5 minutes to the city Anchorage in AK state and the lowest average time is again taken by DFW airport with 32.9 minutes to the city Texarkana in AR state.
I used Bar chart to easily compare the average air time between the two origin airports DFW and ORD

Resources:
N/A