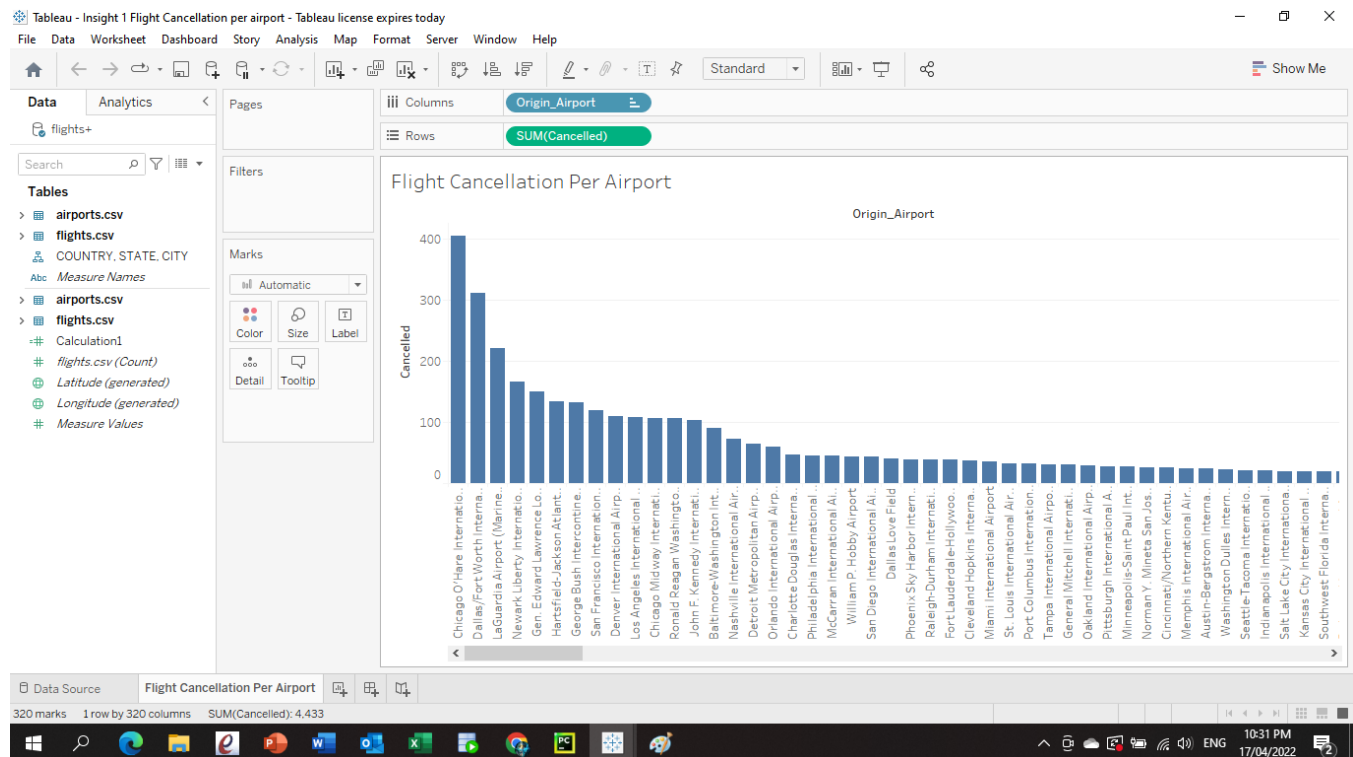# First Insight: No. of cancelled flights per airport

Question:

From this bar chart we show the No. of cancelled flights throughout the year of

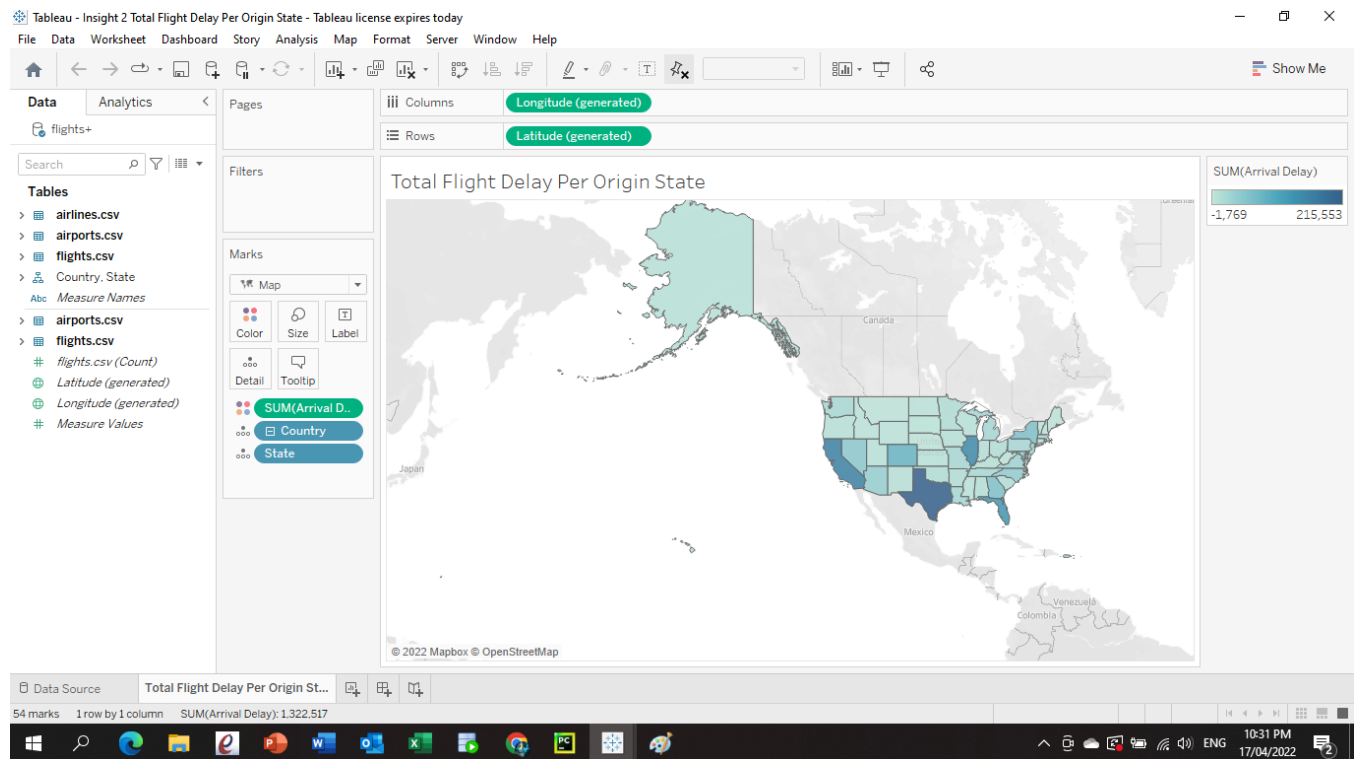2015 for each airport sorted descending.

Finding:

It shows that the airport with the highest cancelled flights count was

Chicago O'Hare International Airport with a count of (405) cancelled flights.

Design:

I used a simple blue color to focus on the findings without any distractions to the

reader.

Resources: N/A

Second Insight: Total of flight delays per Origin State.

Question:

What is the state with the highest total flight delays throughout the year and what is the state with the lowest?

Finding:

The state with the highest total flight delays was Texas where the state with the lowest recorded delay was Delaware.
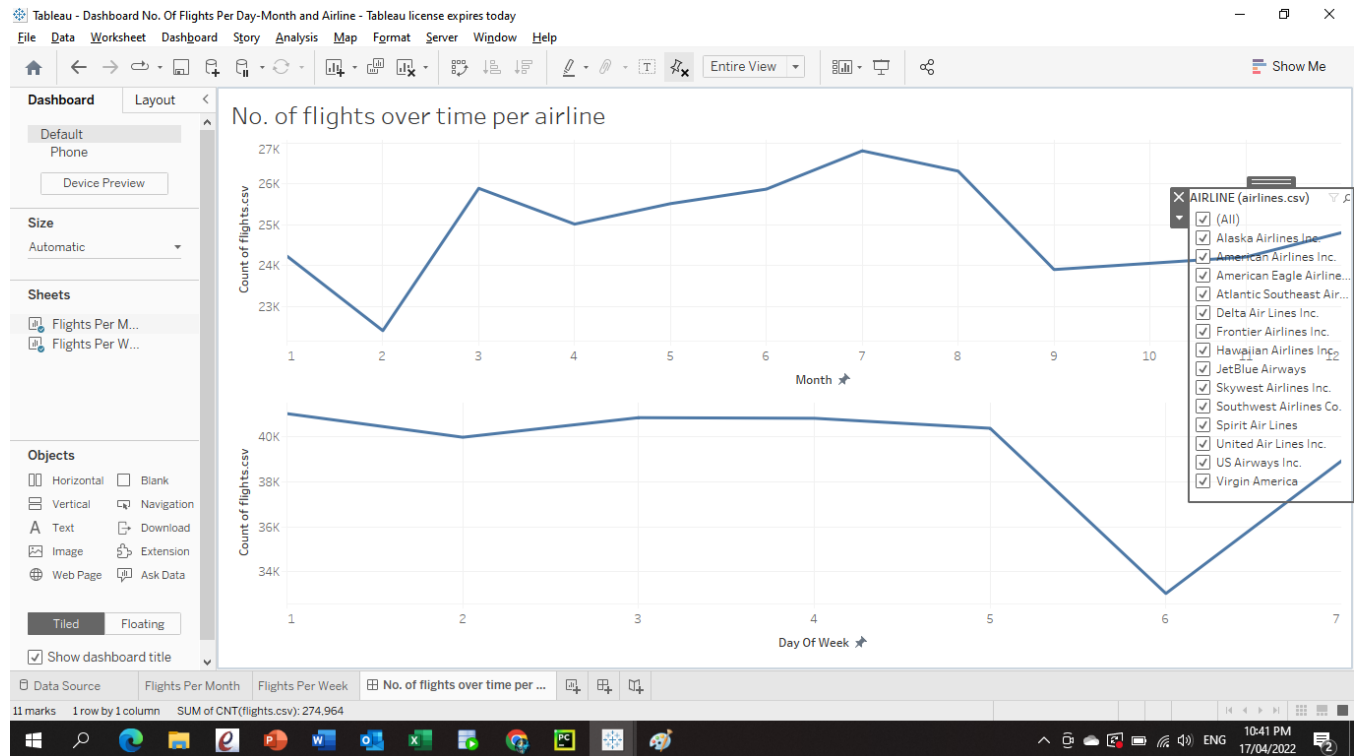
Design:

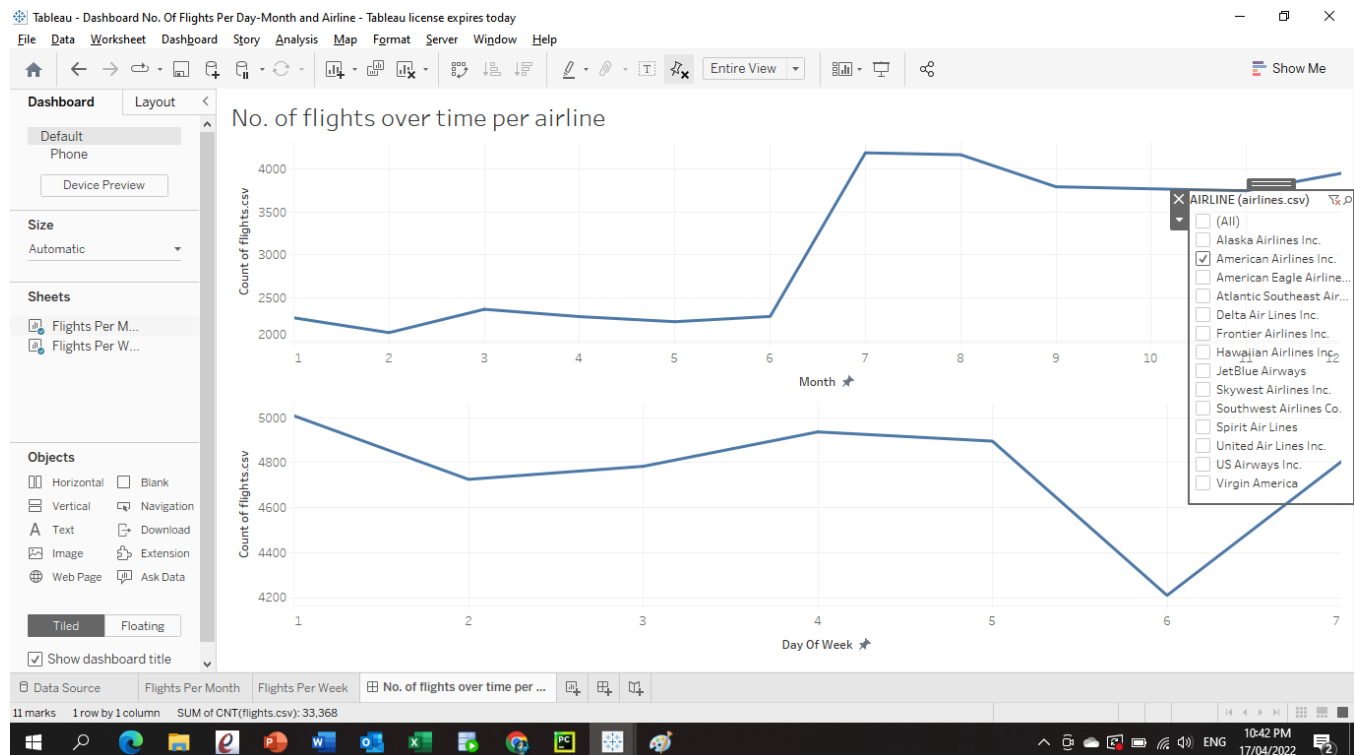The used shades of blue to teal are easy on the eyes and adequately comprehensive.
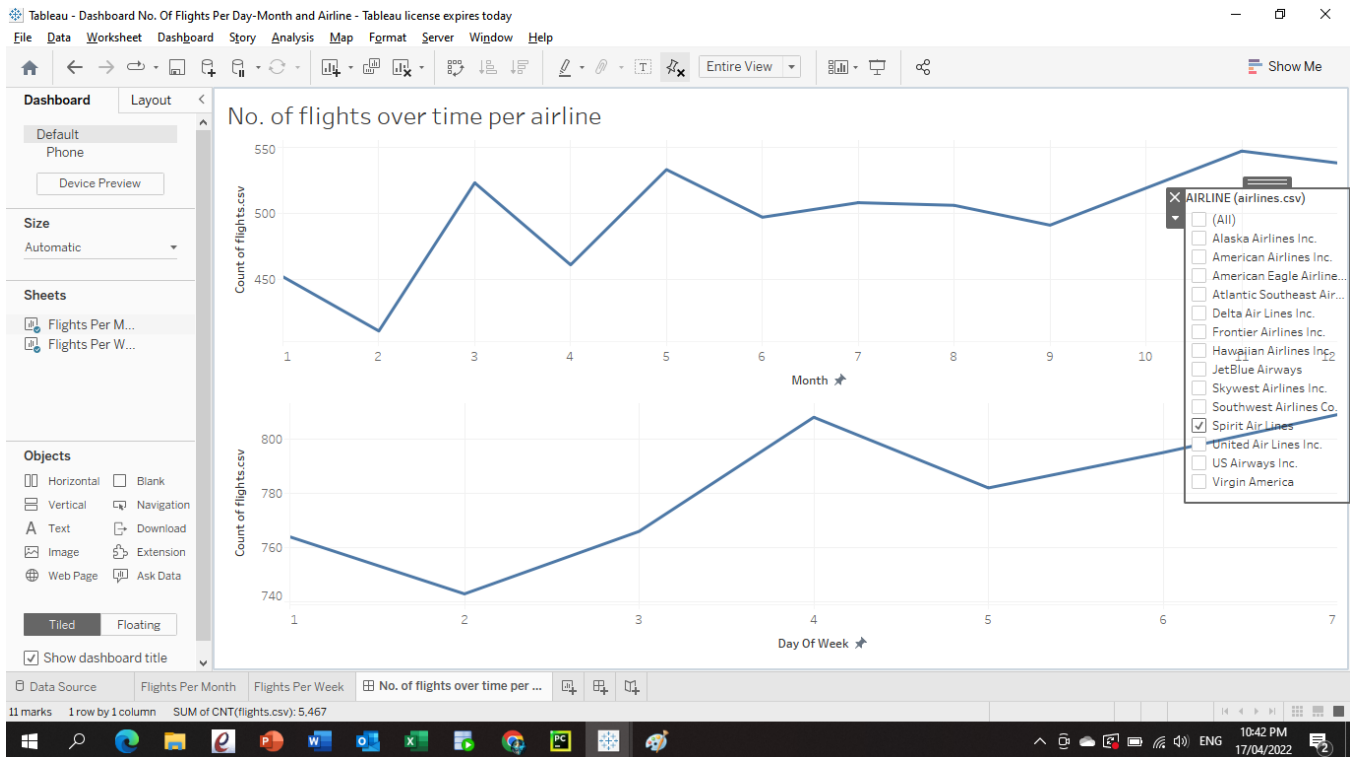
Resources: N/A

Third Insight: Distribution of flights throughout the date.

Before filter

After filter:

Question:

What is the month with the highest No. of flights throughout the year? And what is the lowest? Also, which day of the week regardless of the month? And how does each airline perform accordingly?

Finding:

In general, the highest number of flights count occurs in the month of July and on Monday. Where the lowest flights count occurs on February and on Saturday.

Also, we can analyze the data for each airline company to keep track of the prices and the promotions each airline offers. For example, American Airlines Inc. shows having flights less than average in the first 6 months of the year which may indicate prices higher than the competition during this period. Same as Spirit Airlines on Tuesday.

Design:

I have used a blue line chart which is most convenient for date charts and also started the y-axis form a relative value and not from zero to highlight the difference so it would be easier to read.

Resources: N/A