Insight 1: arrival and departure delays for different airlines?

url link-
https://public.tableau.com/profile/ankita5817#!/vizhome/delaysbyAirline/Sheet1?publish=yes

Summary-
According to this visualization, WN(Southwest Airlines Co.) airline has the highest delays and AS(Alaska Airlines) has the lowest delays.

-Sum of Arrival delay for WN=289,992
-Sum of Departure delay for WN=648,419

- Sum of Arrival delay for AS=-4,007
- Sum of Departure delay for AS=15,753

Design changes-
I have kept color of bar chart blue because it is more eye pleasing. And I have not highlighted bars of WN and AS with different colors because I did not wanted to highlight only the data for these 2 airlines instead wanted to showcase that whole data visualization is important.

Resources-
NA

Insight 2: Count of arrival delays by state?

url link-
https://public.tableau.com/profile/ankita5817#!/vizhome/Arrivaldelaybystate/Dashboard1?publish=yes

Summary-
According to this visualization CA (California) has the highest count of arrival delays that is 32,886 and after that on second place comes TX (Texas) with 31,841 count of arrival delays.

And AS state has the lowest count of arrival delays equal to 2.

Design changes-
In the dashboard 2 worksheets are combined. Sheet 1 clearly indicates location of states and count of arrival delays. While sheet 2 indicates count of arrival delays in descending order through a highlight table visualization. Colors of visualizations are kept shades of blue so that it gives us a very eye pleasing experience while finding insights.

Resources-
NA

Insight 3: Weather delays based on states, months, airports?

url link-
https://public.tableau.com/profile/ankita5817#!/vizhome/weatherconditionstory/Story1?publish=yes

Summary:
In the first part of this story. This visualization shows delays due to weather condition based on state location. According to this data highest weather delay is found in TX (Texas) that is 23,212.

The second part of the story shows flight delay due on weather based on each month. Maximum weather delay is in 2nd month that is 24,203 and minimum weather delay is in 9th month 8,879.

Third part shows weather delay based on different airports. Using this data one can make assumptions about how much delay they may have to suffer based on different airport weather conditions. According to this data 'Dalas/Fort worth international airport' has the highest weather delay.

Design changes-
I have used different shades of blue to showcase different state locations in the first part of story. In the second part of the story I have used a line chart for best describing continuous data such as month and I have put filters of month and weather delay both. While third part of story indicates weather delays in descending order through horizontal bar chart visualization. Here also I have used filters for weather delay and different airports.

Resources-
NA