Insight 1: (Dashboard)

https://public.tableau.com/profile/jana.aloufi#!/vizhome/WeatherDelayofFlightsofAugustMonthDashboard/WeatherDelayDashboard?publish=yes

For this Insight, I made two worksheets to build the Dashboard for all of the 2015 flights that faced delays because of the weather that tells us about which the most country faced the delay because of the weather in their flights in August month. I used the Map for the first worksheet because it will appear all information clearly. I used a blue color rather than the red and green colors because it's good for color blind people.

I used the Horizontal Bar chart for the second worksheet because it displays all the number of delays depend on each state clearly and I used a blue color rather than the red and green colors because it's good for color-blind people.

I added a filter for the column of the month to gather the specific information that I need also made a change on the data type of the column of the month to a string so I can convert the number of months to the names of the month because I want to make it easier for the reader.

In the Weather Delay Dashboard for August month, it shows to us the IL state is the most state faced flight delays because of the weather on their flights which was 2,150 delays in August.

Insight 2:

https://public.tableau.com/profile/jana.aloufi#!/vizhome/AIrlineWeatherDelayHorizontalBarChart/AIrlineWeatherDelayHorizontalBarChart?publish=yes

For this Insight, I made one worksheet for all Airlines in IL state to show which Airline faced the most delays because of weather.

I used the Horizontal Bar chart to show the information because it is easy to read in this situation and I used dark gray color because it's good for color-blind people.

I added a filter of state to gather the specific information that I need.

The Bar chart shows us that Southwest Airlines co. that faced the most delays because of the weather in IL state which was 3,597 Delays between all Airlines inside this state.

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Insight 3:

https://public.tableau.com/profile/jana.aloufi#!/vizhome/CanceledflightsofAugustforILstate/CanceledflightsofAugustforILstate?publish=yes

For this Insight, I made one worksheet for all Airlines in IL state to show which Airline faced the most Canceled flights of August.

I used a Pie chart to show the difference between Airlines on IL state on Canceled flights information because it is easy to read in this situation and I used the color-blind palette because it's good for color blind people.

I added two filters first one I added a filter for the column of the month to gather the specific information that I need also made a change on the data type of the column of the month to a string so I can convert the number of months to the names of the month because I want to make it easier for the reader. For the second one, I added a filter of state to gather the specific information that I need.

The Pie chart shows us that American Eagle Airlines Inc. that faced the most Canceled flights in IL state which was 13 time Canceled between all Airlines inside this state.

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