Dashboard Insight

Link:

Summary:

In the dashboard, three worksheets are added.

The first worksheet is the average air system delays filtered by state. New Hampshire have the highest average air system delay with value of (28), followed by NEW YORK with average air system delay of (24.5).

The second worksheet is the average airline and arrival delays. South Dakota has the highest average airline delay with value of (68). Vermont has the highest average arrival delay with value of (39.9).

The third worksheet is the average aircraft and weather delays. New Hampshire have the highest average late aircraft delay with value of (79.5). Wisconsin has the highest average weather delay with value of (24.8).

Design:

In the first sheet I used side by side circles to display my data and color marks for states.

In the second sheet symbol maps to display the data. A map is best suited here as I had to plot state-wise flight cancellations which involves geographical data. I used a sequential blue color wherein the darker the blue color, more the number of flight cancellations. This type of coloring makes it easier to quickly spot which states have high/low cancellations. I added a month filter so that readers can dig which states have the highest and lowest cancellations in each or a range of months.

 In the third sheet tree maps is used to display the data. Size mark is used for average late aircraft, and color mark is used for average weather delays.

Insight 1

Link:

https://public.tableau.com/app/profile/kareem6452/viz/Monthaverageflightscancellation/Sheet1?publish=yes

Summary:

This worksheet describes the average flight cancellation by month. February has the highest average cancellations with average of (0.05), followed by January with approximate value of (0.02).

Design:

Continuous line are used to display the data. No additional colors required for the design as the blue color which is good for color blindness is enough to describe the data.

Insight 2

Link:

https://public.tableau.com/app/profile/kareem6452/viz/Averagecancelledflightsofairportsfilteredbymonthbykareemhaitham/Sheet1?publish=yes

Summary:

This worksheet describes the average cancelled flights of airports filtered by month. Southwest Oregon Regional Airport (North Bend Municipal) and Southwest Oregon Regional Airport (North Bend Municipal) has the highest average cancellation with value of (0.5), followed by Southwest Georgia Regional Airport with value of (0.33).

Design:

Horizontal bars is used to display the data. The chart describes the data carefully without the need of the addition of any colors. Blue color is used for color blindness.

Resources: N/A