

Question 1: What state has the highest 'security delay' in the first quarter of the year?

Link:

<https://public.tableau.com/app/profile/abdullah.alsuwailem/viz/mytableue/SDelaydashbord>

Summary: This dashboard has two sheets, the first one shows the map of USA and the second one shows the bar chart. I wanted to know which state is considered to be having the highest security detail in the first quarter of the year. From the graph shown above, NY state (New York state) has the highest security delay in USA with a total of 226. I used the month filter to create the first quarter of the year (January, February and March) as default,

Design: In this insight I used two charts. The first is a map chart to make it comfortable to navigate the map. The second is a bar chart to find the differences between states and I made the colors for both charts to work for colorblindness people

Resources: N/A

Question 2: Which city in NY state had the highest cancellation flights in May?

Link:

<https://public.tableau.com/app/profile/abdullah.alsuwailem/viz/mytableue2/NYCancelledMay>

Summary: I used one chart that has multiple filters to see the city that had the most cancellation compared to the others in May. I filtered the state to be only in NY state and I filtered the Months to choose only May. After that the graph shown to have New York city had the highest cancellation with a total of 17, followed by Albany and Rochester with 2 in each.

Design: I used Bubble chart to make it look better since it only has three cities and I made sure that the colors in the options are made to be color blind friendly.

Resources: N/A

Name: Abdullah Alsuwailem

Question 3: What are the highest cancellation reason in Washington state in the working days?

Link:

<https://public.tableau.com/app/profile/abdullah.alsuwailem/viz/mytable3/CancellationReasonnon-weekend-WashingtonState>

Summary: I used one chart to explain the cancellation reasons. If I talk about working days, I need to use a filter 'day of week' to make sure that it is set to all days except the weekend (Friday and Saturday). Then I checked the state to be set to WA (Washington state). The results showed that the most cancellation reason is Airline/Carrier with 11 cancelled flights followed by Weather with 6 cancelled flights and National Air system by 1.

Design: I used different chart from the others which is called Pie chart. It shows clearly the labels of each cancellation reason, also the color works really well for colorblindness people.

Resources: N/A

Name: Abdullah Alsuwailem