

Insight 1:

https://public.tableau.com/profile/tahani4028#!/vizhome/q1_32/Sheet2

From this map, we can see the what states are more cancellations . It appears that the highest number of cancellations happens in Texas (668 cancelled), and the lowest number of cancellations in Delaware and (zero cancelled).

Design: I used one color which is blue because I want select only state cancellations ,so we do not need more color to not distracting the audiences.

Insight 2:

https://public.tableau.com/profile/tahani4028#!/vizhome/q11_0/Sheet2

In the above chart, shows us the average delay of arrival for each airline. We see that the airline with the symbol "NK" in dark green is the highest average arrival of 15.73, and the lowest average delay of arrival is for the company that with the symbol "AS" in light blue with number - 0.49.

Design: I used different colors to distinguish airlines so that each airline has a different color than the other.

Insight 3:

https://public.tableau.com/profile/tahani4028#!/vizhome/q111_0/Sheet1

In the chart above, shows us the average weather delay for each airline based on the month. And we see the airline with the highest average of weather delay based on all months is the company that has the symbol "MQ" an average of up to 5.974, and the lowest average delay for the company "F9" with an average of up to 0.820.

Design: I used stepped blue color from dark blue to open blue due to many colors could to distracting the audiences.

Dashboard:

<https://public.tableau.com/profile/tahani4028#!/vizhome/q1111/Dashboard1>

From this dashboard, we combine two visualizations, the one with the Average of arrival delay for each airline and the other is average weather delay for each airline based on month. We can see what the worst airlines that has the highest weather delay and the worst airlines that has the highest arrival delay. It appears that the highest average arrival delay is for the company that with the symbol "NK" in dark green, So it is the worst airline in arrival delay, and the highest average weather delay for all months is for the company that with the symbol "MQ", So it is the worst airline in weather delay.

Resources:

N/A