Insight 1

https://public.tableau.com/app/profile/omar6774/viz/DataDashboardProject2_16499108966960/CancellationGeographic

From this map we can see the most cancellation occur. It appears that most cancellations happen in Texas (668).

I used a Map because I had to plot geographical data --- "States". So, I thought a Map would be the best visual for this purpose. I used a sequential blue color for the states. The darker the blue color, the more is the number of flight cancellations. This type of coloring makes it easier to spot which states have high/low cancellations.

Insight 2

https://public.tableau.com/app/profile/omar6774/viz/DataDashboardProject2_16499108966960/AverageArrivalDelaysofDomesticFlightsAcrossAirportsofUSA

It seems that the fifth day has the highest percentage of delays.

This type of sizing makes it easier to spot which states have high/low delays.

Changing bars colors will be distracting for the viewer about the data that really matters.

Insight 3

https://public.tableau.com/app/profile/omar6774/viz/DataDashboardProject2_16499108966960/Delayscomparingairports

There are two airlines delays a way higher than average delays: [From MCO to Madison (MSN), From SMF to Atlanta (ATL)].

A bar plot helps us to see and compare differences in values or amounts of categorical data.

Resources:

https://www.youtube.com/watch?v=9xqHA732LMA&feature=youtu.be