

Project 4: Telling stories with data

Flight delay and cancellations

Insight 1

https://public.tableau.com/authoring/flightcancellation_15955375520430/Flightcancellationbystate#2

From this map, we can see that most cancellations occur in the following

state: California (14,801) and Texas (14,507).

Lowest cancellation took place in Delaware (4). Areas with darkest color related to max and near max cancellations to find out we can start with darkest blue region and compare the information marked with various other areas to see the max to min cancellation. Lightest the color lesser the number of cancellations from that state.

Insight 2:

https://public.tableau.com/authoring/flightcancellation_15955375520430/Airlinevscancelledcount#2

From this bar chart we can see that in the cancellation count WN (641) and EV (614) are very ahead in the cancellation of flights followed by MQ (533).

Insight 3:

https://public.tableau.com/authoring/flightcancellation_15955375520430/Dashboard1#2

A line chart, flight cancellation by month graph is added. From this line plot, we can see that in 2015, February is the month with the

most cancellations (1,058) followed by January (605).

Filter Day of the week is applied to all three of the worksheets and

data can be seen changing when day of the week is modified.

In this chart I choose to color the different states' flight cancellations bar

with blue as it used for comparative analysis of flight cancellations. Doing something with different would be distracting the viewer from important things.