Build Data Dashboards

Insight 1

Summary

Which state with the most cancellation?
Well, the top 3 states with high cancelation rates are Texas, Illinois and California with 668, 563, 408 cancelled trip and you can see this by hovering over the map: [Link](#)

Design

A map chart and a plot chart were used to show which states had the most cancellation rates and to show the cancellation reasons that was dominant across all states, also for the visualization basic colour palette was used in case one of the audiences had colour blindness.

Resources

N/A

Insight 2

Summary

How many trips are being cancelled per month?
From the Visualization we can see that February is the month with the most cancelled trips with 1058 in total, on the other hand we have September with the least cancelled flights with 108 in total
Also, I have added a filter for airlines to figure out which airline company had which cancellation and I have also added the cancelation reasons if we needed further analysis: [Link](#)

Design

A line chart was used to visualize numerical data over a time series which means that it would show the amount of trips being cancelled every month

Resources

N/A

Insight 3

Summary

Which airlines has the most delays?
From the bar chart we find that the "Southwest Airlines Co." has the most delays amongst other companies with 182,670 trip delayed: Link

Design

We wanted to visualize the amount of delays each company had produced to their customers and find out which ones had the most delays and in order to do that a bar chart was used to show this numerical value which in our case is delays "its amount" against a categorical one which in this case is the company name.

Resources

N/A