Insight 1

Summary

Spirit Air Lines has The Worst Total Average of Delays 66.3 minutes, then Frontier Airlines Inc with 65.8 minutes.

Guam International Airport has worst Average Departure Delay with 63.1 minutes then Eagle Country Regional Airport with 44.7 minutes.

Sawyer International Airport has worst Average Arrival Delay with 83.4 minutes then Ithaca Tompkins Regional Airport with 52.4 minutes

Design

I used a tree map to find the worst airlines, and sample to find the worst airlines based on color depth.

Choose Horizontal Bar to show rank of worst arrival and departure airports

 I Use Filter by Month to Show Worst Delays over Year

Resources

N/A

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Insight 2

Summary

From Pie Chart, We Can See that Weather is The High Reason for Cancellation Flights with 54% of All Reason

From Stacked Bar Chart, We Can See That Southert Airlines co has the most Cancelled Flights With 446 Cancelled flights

From map We can See that Texas has 668 Cancelled flights AS Highest State

From Line Chart We See That Month of February has the Highest Cancellation Flights With 1058 Cancelled Flights

Design

I choose Pie Chart to identify Percentage of Every Reason

Choose Line Chart to Detect change of over Time

Choose Map to Highlight the Cancelled Flights by Every State

Choose Stacked Bar That   easier to see the comparison to compare data points

Resources

N/A

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Insight 3

Summary

The highest Cause of Delays is Late Air Craft

Highest Average of Airline Delays is Spirit Airlines and the Highest Cause of Delays is Air System Delay with Average 25.55 minutes then Late Air Craft With Average 24.13 minutes

In Line Chart Can see high Average for Weather Delay with 4.85 in Feburary Month

And see high Average for Late Air Craft Delay with 26.63 in June Month

Design

Choose Line Chart to Detect change of over Time

Choose Horizontal Bar to show rank of Airlines and Cause of Delay For Every Airline

Resources

N/A