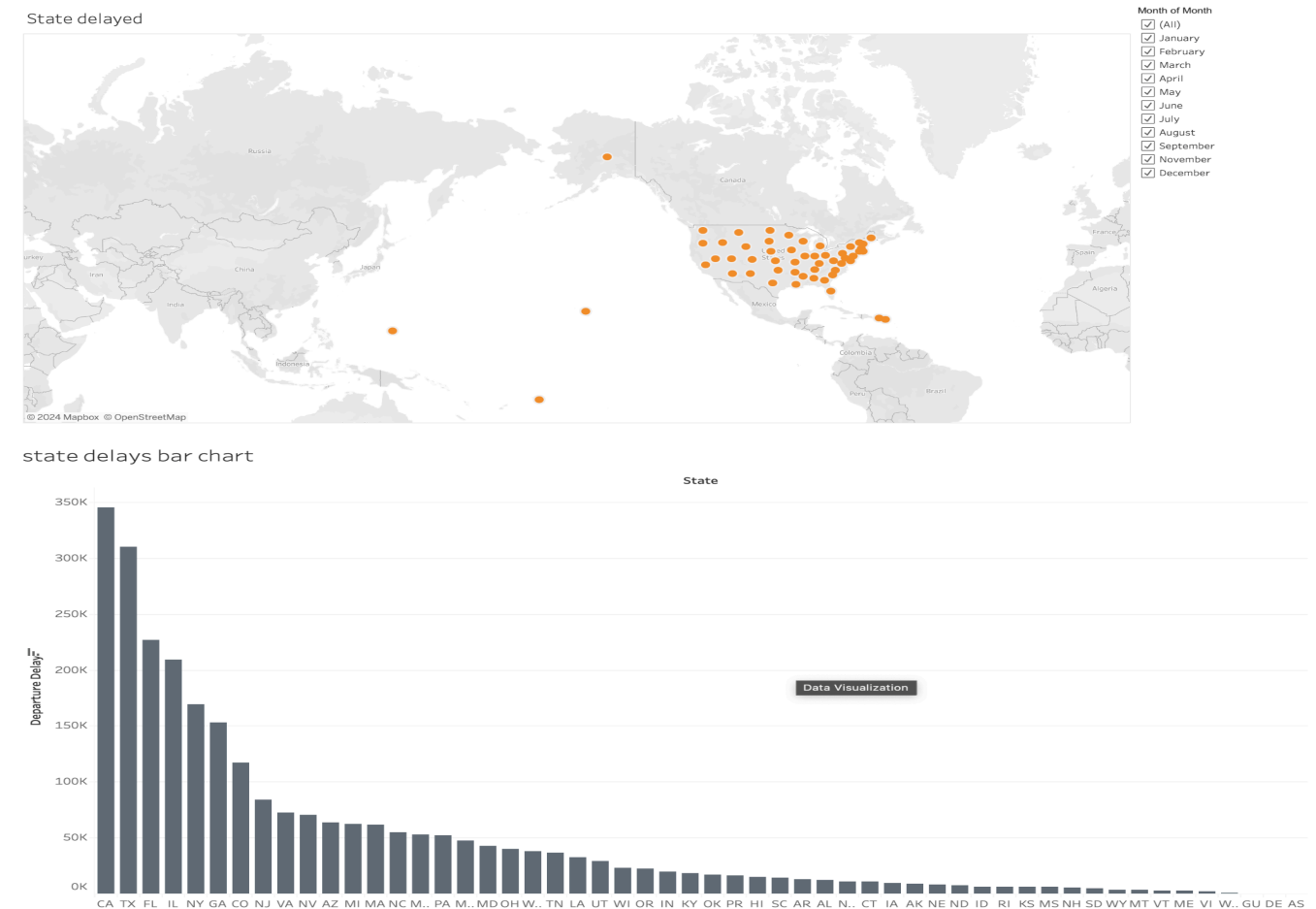


Insight 1:

Link:

<https://public.tableau.com/app/profile/nasser.alnukhila/viz/statedelaysflightsmap/Statedelayed>

<https://public.tableau.com/app/profile/nasser.alnukhila/viz/statedelaysbarchart/statedelaysbarchart>



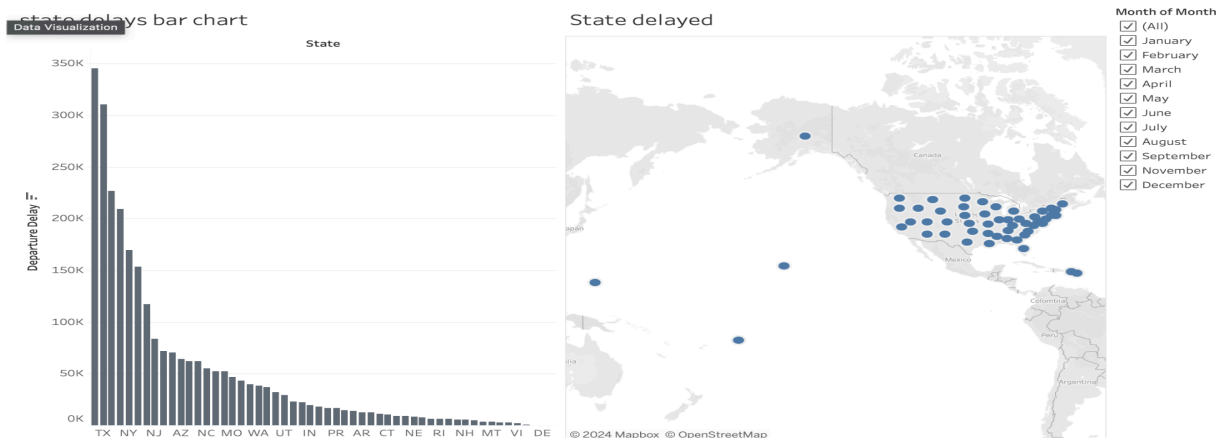
Summary/Insight: creating a symbol map and bar chart for this visual allowed me to compare between states and departure delay. **California** has the most delayed flights with **345,558** delays, while the lowest is **American Samoa** with **101** delays, I used colors that is colorblind friendly.

Design: Symbol Map, Bar chart

Resources:N/A

https://public.tableau.com/app/profile/nasser.alnukhila/viz/dashboard_17051142324900/Dashboard

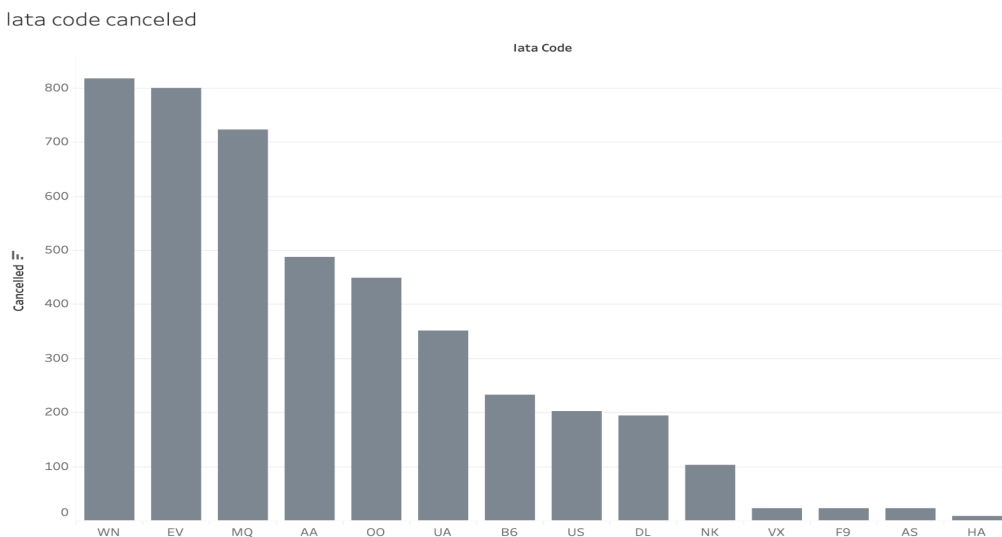
1



Here is the dashboard of the delays, I added the map and bar chart together and we can see using the filter (Months) to choose any day we want to see the delays that happened in that month.

Insight 2:

Link: <https://public.tableau.com/app/profile/nasser.alnukhila/viz/latacodecanceledflights/latacodecanceled>



Summary/Insight: creating a bar chart this visual allowed me to compare between IATA code and cancellations. **WN (Southwest Airlines Co.)** is the most canceled flights with **818** cancellations, while the lowest is **HA (Hawaiian Airlines Inc.)** with **8** canceled flights.

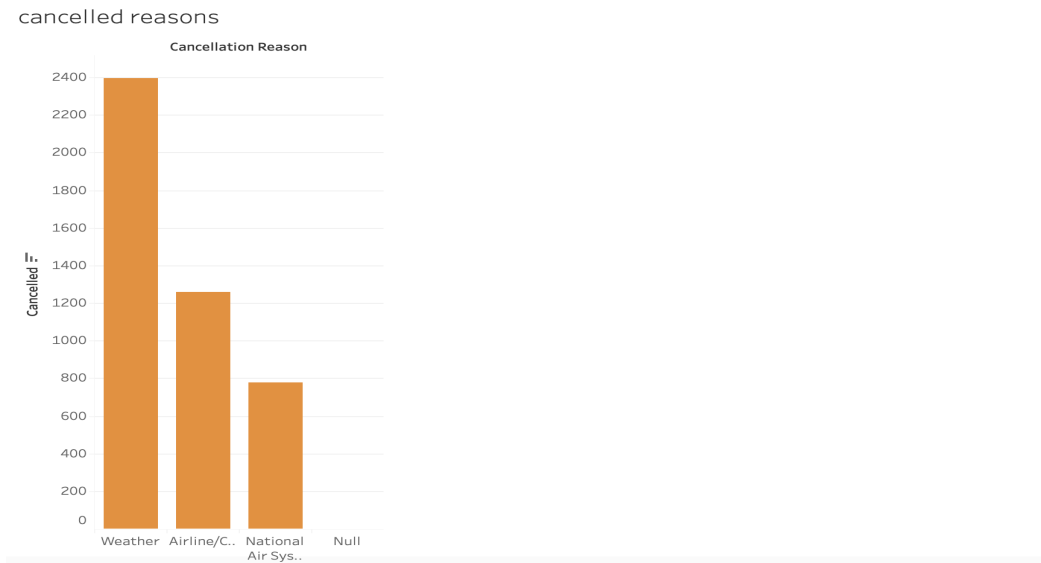
Design: Bar Chart

Resources: N/A

Insight 3:

Link:

<https://public.tableau.com/app/profile/nasser.alnukhila/viz/cancelledflightsforreasons/cancelledreasons>



Summary/Insight:creating a bar chart for this visual allowed me to compare between canceled reasons and cancellations. We can see **Weather** Is the most common factor with **2397** cancellations, on the other hand in the last is **National Air system** with **776** cancellations.

Design: Bar chart

Resources:N/A

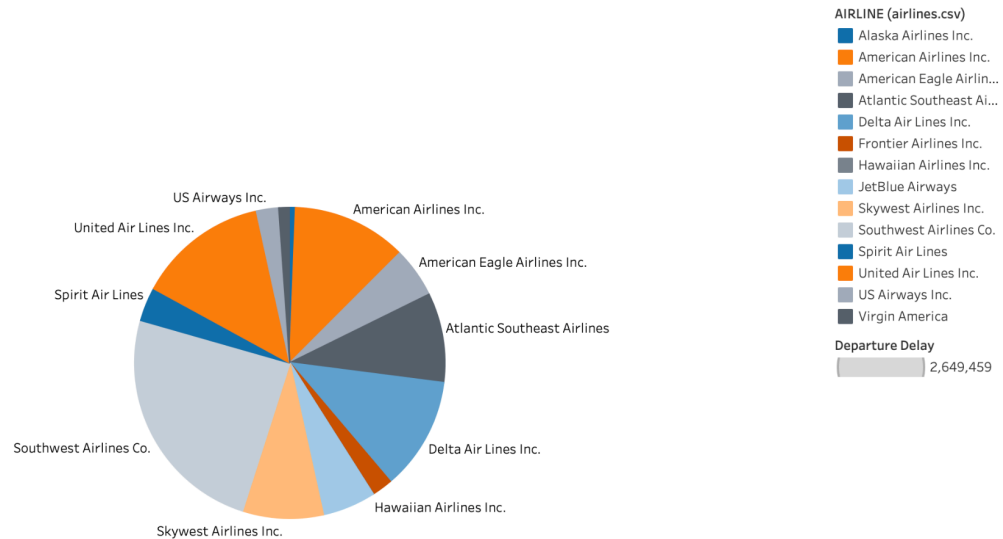
Insight 4:

Link:

<https://public.tableau.com/app/profile/nasser.alnukhlan/viz/airlinesflightdelays/Airlinedelays>

Airline delays

Data Visualization



Summary/Insight:creating a bar chart for this visual allowed me to compare between Airlines and departure delay. We can see **Southwest Airlines Co** In the first place with **648.419** delays , on the other hand in the last is **Alaska Airlines Inc.**with **15.753** delays

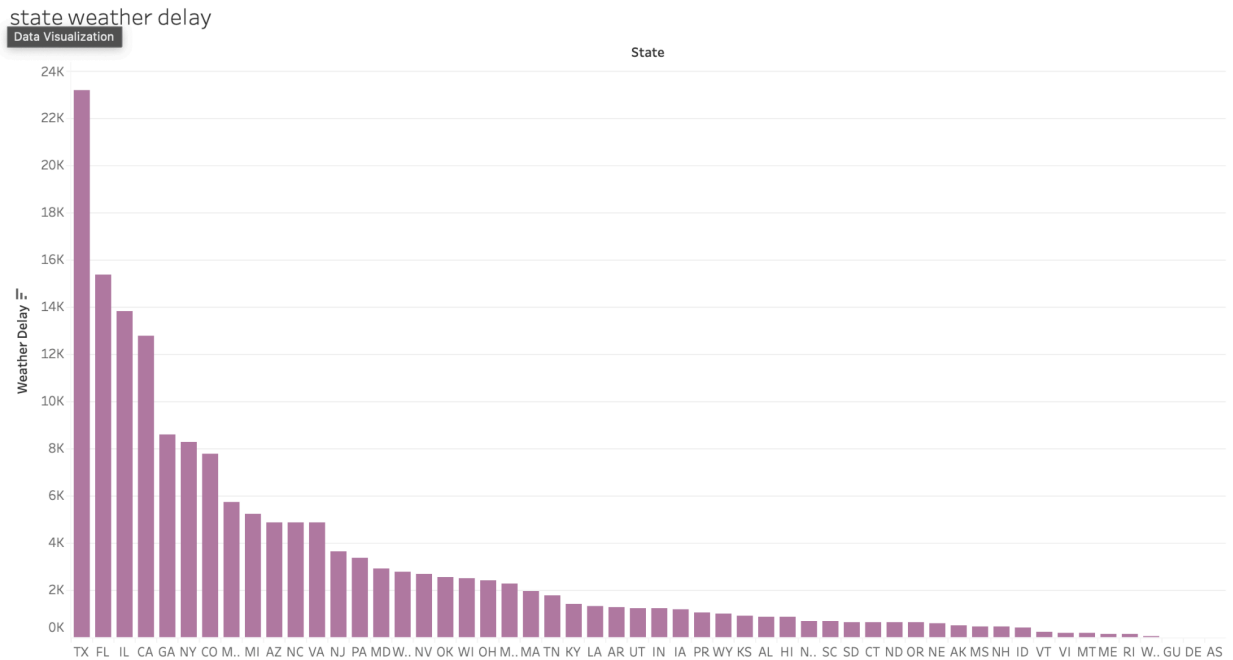
Design: Pie chart

Resources:N/A

Insight 5:

Link:

<https://public.tableau.com/app/profile/nasser.alnukhila/viz/statedelayedflightsbecauseofweather/stateweatherdelay>



Summary/Insight:creating a bar chart for this visual allowed me to compare between states and weather delay. **Texas** has the most delayed flights with **23.213** delays, while the lowest are **Guam, Delaware, American Samoa** sharing with **0** cancellations.

Design: Bar chart

Resources:N/A