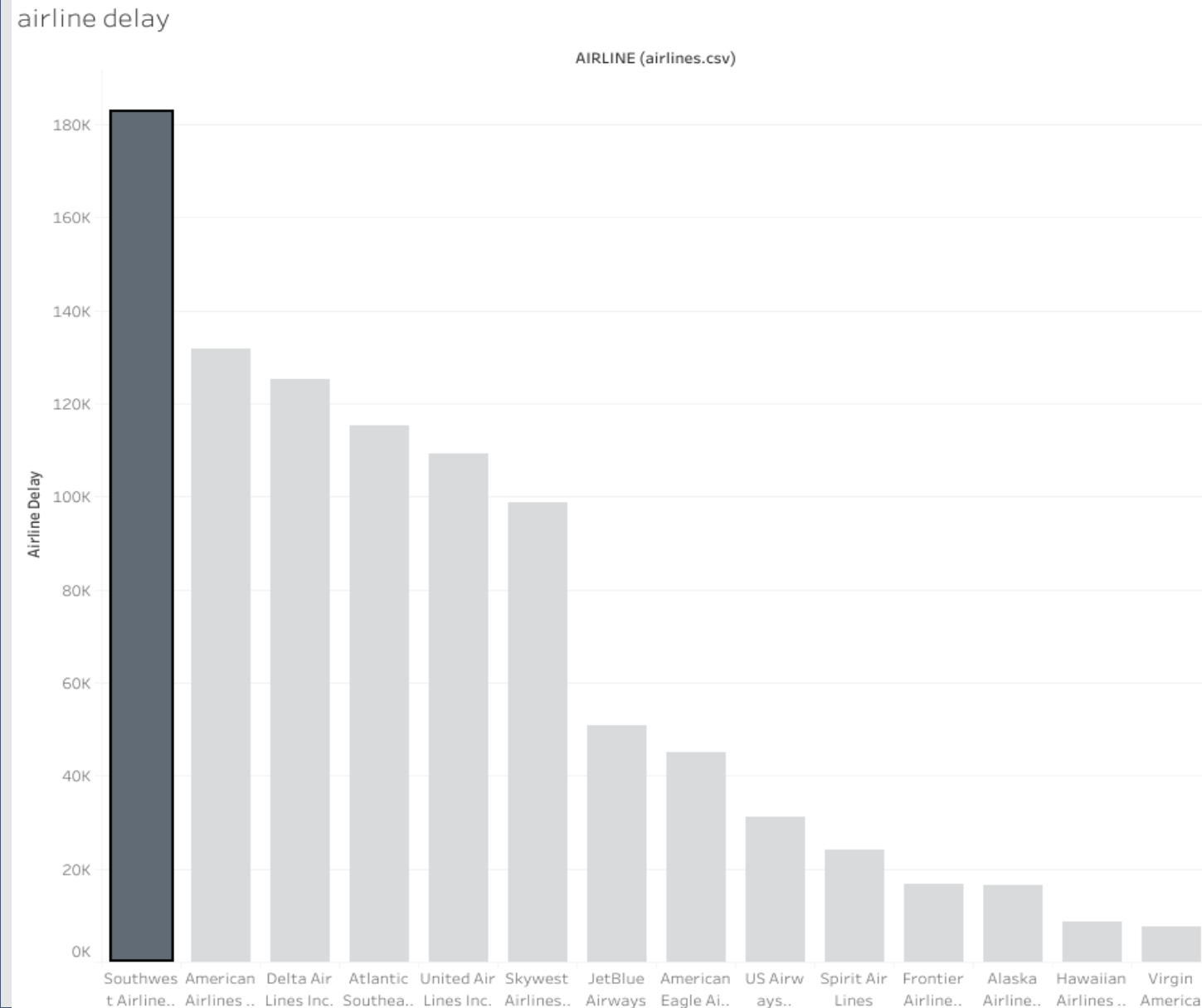


# Build Data Dashboards Flight Delays and Cancellations

by- Mohamed Ahmed Abdelwahab

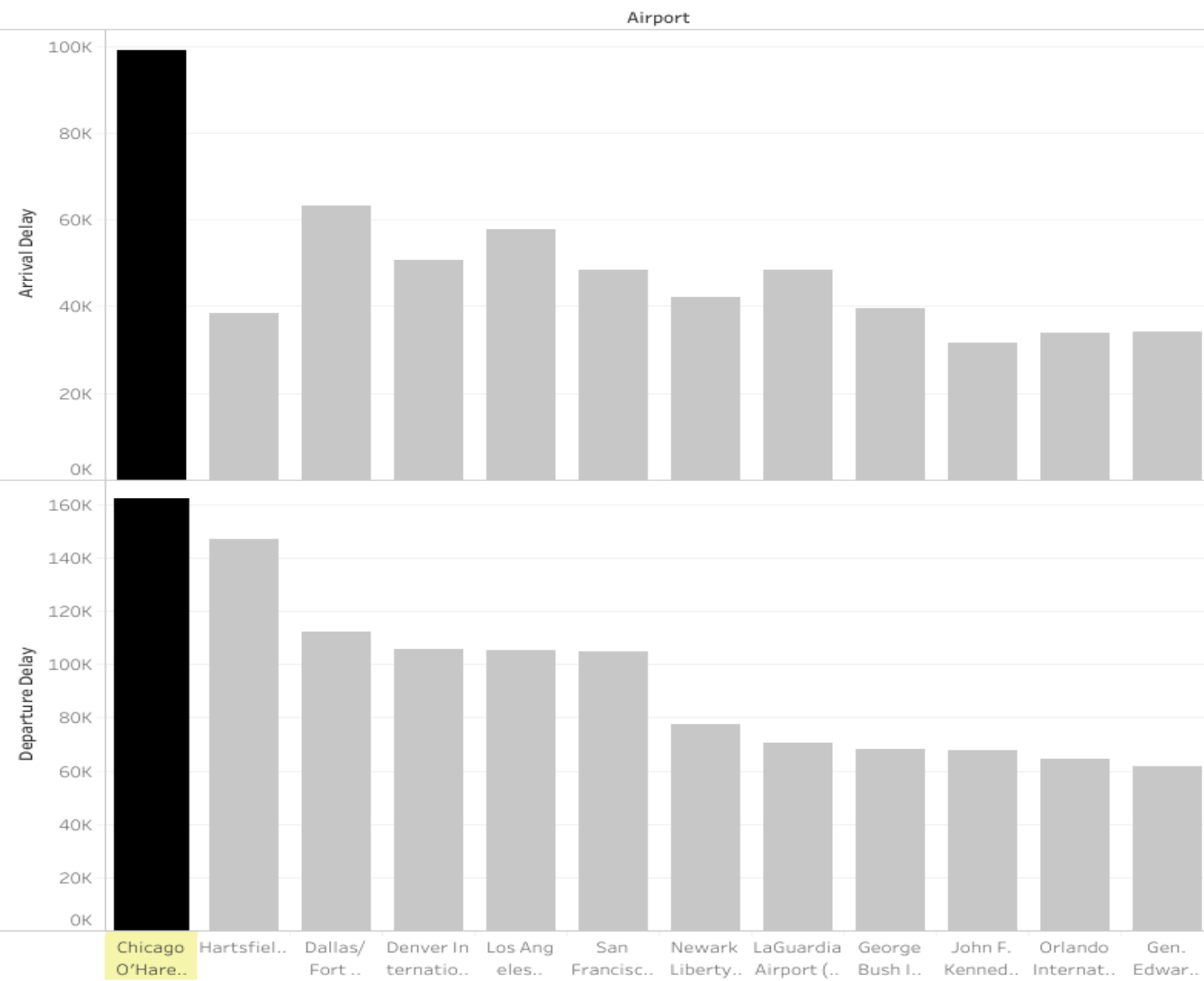
# Which airlines have the worst delays?



- [https://public.tableau.com/shared/8SYZH6TJ3?:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/shared/8SYZH6TJ3?:display_count=n&:origin=viz_share_link)
- Summary: We can see from the diagram the airline southwest airlines co. flight delays as the airlines have the highest delays than the rest of the lines
- From the figure it can be seen the airlines have the worst delays.
- Design: I chose a bar chart because this type of chart is one of the most popular forms of data visualization because it is very unique in comparing and identifying patterns in the data.

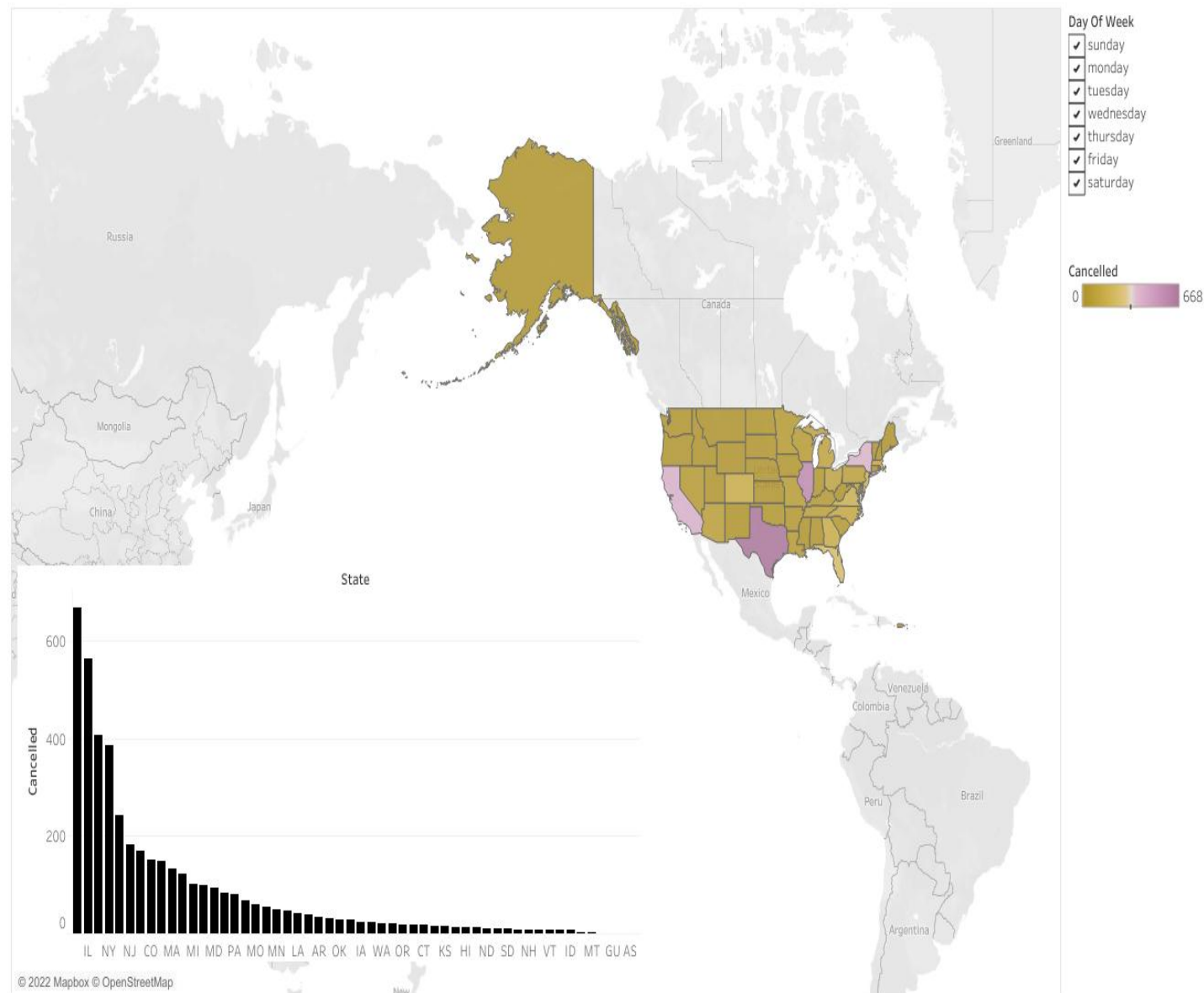
# Which airports have the worst delays?

airport delay



- [https://public.tableau.com/shared/8SYZH6TJ3?:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/shared/8SYZH6TJ3?:display_count=n&:origin=viz_share_link)
- Summary: We can see from the chart the Chicago O'Hare International Airport as the airport with the highest delays than the rest of the lines.
- From the figure it can be seen the airports have the worst delays.
- Design: I chose a bar chart because this type of chart is one of the most popular forms of data visualization because it is very unique in comparing and identifying patterns in the data.

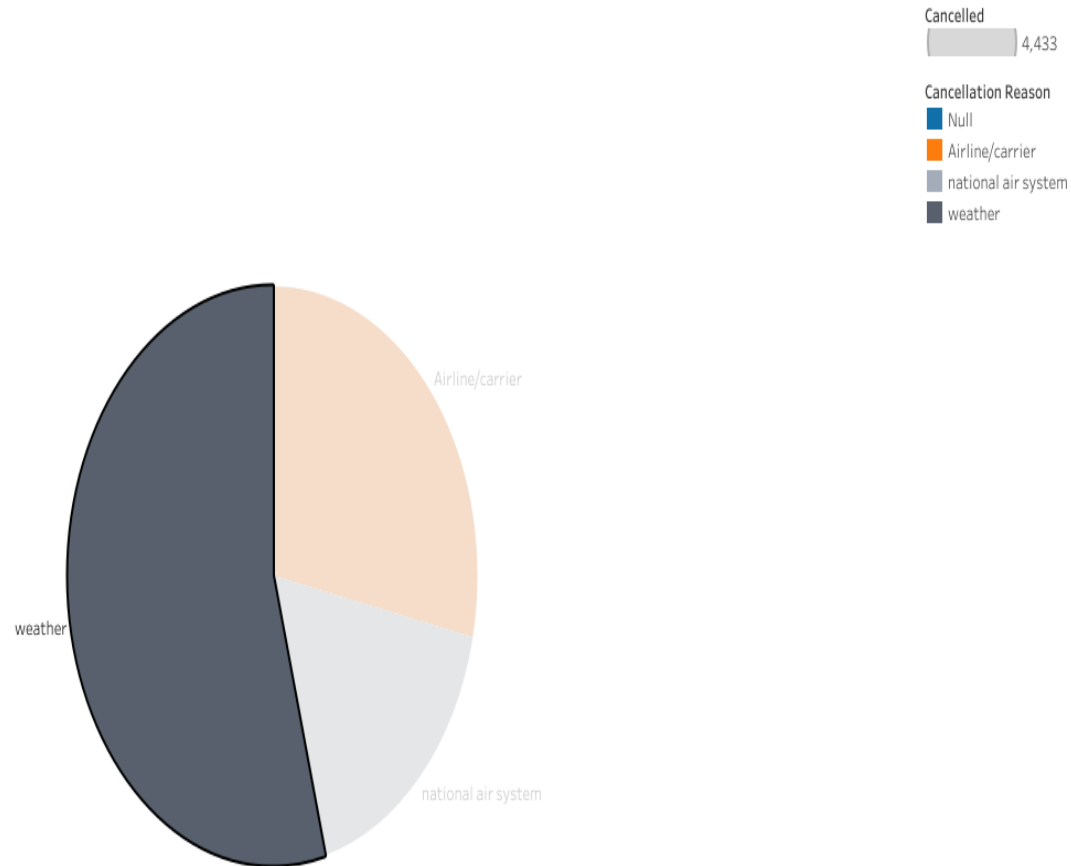
# Which state have the worst cancellations?



- [https://public.tableau.com/shared/W8GW8B3Q8?:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/shared/W8GW8B3Q8?:display_count=n&:origin=viz_share_link)
- Summary: We can see from the chart the TX have the highest cancellations
- From the figure it can be seen the state have the most cancellation during weekday.
- Design: I chose a map chart because this type of data representation is more about places and geographical distributions or even distributions in general relating it to place, It is ideal when showing density or distribution.

# Which cancellations reasons?

cancellation reason



- [https://public.tableau.com/shared/42PN4MNRM?:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/shared/42PN4MNRM?:display_count=n&:origin=viz_share_link)
- Summary: We can see from the chart the most cancellations because of weather
- Design: I chose chart because this is this type of data representation to show the relationship of parts to a whole or to show proportions.