

Build Data Dashboards (Flights Delays and Cancellations - USA - 2015)

1. What is the highest state in flights cancellations?
 - **Tableau Link:**
[Flights Delays and Cancellations - USA - 2015 | Tableau Public | Flights Cancellation by State](#)
 - **Summary:** The bar chart and map show that "TX" is the highest state in flights cancellations, I have set the bar chart to show the top 10 states to make the visual clearer, I have added filter by month to give the flexibility in checking any period of the year.
 - **Design Considerations:** I have used the map to show the geographical data, and I have added the bar chart to make it more easier in recognizing the ranking of states in flights cancellations.
2. What is the most reason causes flights cancellation and which month has the highest number of cancelled flights?
 - **Tableau Link:**
[Flights Delays and Cancellations - USA - 2015 | Tableau Public | Flights Cancellation Reasons](#)
 - **Summary:** The bar chart shows that the weather is the most reason causes the highest number of flights cancellations, and the line chart shows that the highest number of flights cancellations accrue in February as well as we can filter by Airline to check each Airline individually.
 - **Design Considerations:** I have used the line chart as it is suitable to show trend of the data over the time, and I have used Color blind palette to take into consideration colorblindness.
3. Which Airline has the highest average of flights cancellations?
 - **Tableau Link:**
[Flights Delays and Cancellations - USA - 2015 | Tableau Public | Average of Flights Cancellations](#)
 - **Summary:** The bar chart shows the average flights cancellations of airlines, and the highest Airline is "MQ", I have added filter by month to allow checking any period of the year.
 - **Design Considerations:** The bar chart is used as it is suitable to show categorical data, and I have used the orange color in the bar chart for colorblindness.