

Visualization 1

Link:

https://public.tableau.com/app/profile/mohammad2804/viz/Project_16355111886680/CanceledFlightsDashboards?publish=yes

Question: Which state has the most cancelled flights in December?

Insights: As we can see in the dashboard, Texas was having the most cancelled flights in December, it has 70 cancelled flights.

Design: I built a dashboard which has a map and a bar chart with a filter of months to determine the cancelled flights based on a selected month.

Visualization 2

Link:

https://public.tableau.com/app/profile/mohammad2804/viz/Project_16355111886680/CancellationReasons?publish=yes

Question: What are the reasons for cancelling the flights, and the number of cancelled flights because of that reason?

Insights: As shown, the most reason was the weather, where the flights cancelled because of weather was 2397, the second reason was the Airline/Carrier where the cancelled flights were 1260. Finally, the least reason for cancelling the flights was the National Air System where the cancelled flights were 776.

Design: I built this pie chart to show the cancellation reasons and the number of cancelled flights associated with it, I took the color-blind people into consideration by selecting appropriate colors.

Visualization 3

Link:

https://public.tableau.com/app/profile/mohammad2804/viz/Project_16355111886680/Delay?publish=yes

Question: Which airport has the worst delays in March?

Insights: As we can see, Chicago O'Hare International Airport has the most delays with a sum of 13597 delays.

Design: I built this bar chart to determine the airport that has the most delays in march, I used filter as well to filter the months to include march only.