Project - Building A Dashboard

Flight Delays

INSIGHT 1 :

https://public.tableau.com/profile/naman.jain2505#!/vizhome/DashboardofFlightCancellationByState/DashboardofFlightCancelledbyState

Through this insight We can easily see the sum of Cancelled Flight by State. As through the Map and bar chart in the Dashboard we can clearly see that California has highest number of Flight Cancelled followed by Texas. California (33,331) and Texas (32,612).

The state with fewest cancellations was West Virginia with only 103 flight Cancelled.

INSIGHT 2 :

https://public.tableau.com/profile/naman.jain2505#!/vizhome/AirportwithMostArrivalDelays/AirportswithMostArrivalDelays

Through this insight we can see the names of Airport which involves in most Arrival delays.

As we can easily see from the Bar Chart : Hartsfield-jackson Atlanta International Airport has highest Arrival Delay Count (17,641) followed by Chicago O'Hare international Airport(14,300).

We can also see in which month has most Arrival Delays by putting month in Filter Section.

INSIGHT 3:

https://public.tableau.com/profile/naman.jain2505#!/vizhome/FlightCancelledofEachStatebyMonth/flightCancelledBymonthofEachState

Through this insight we can see the sum of cancelled flight in each state of US by each month of Year.

By the line plot , we can easily see that February has highest sum of Arrival Delays (1,058) followed by January (605).

INSIGHT 4 :

https://public.tableau.com/profile/naman.jain2505#!/vizhome/AirlinesComapnyinvolvesincancellationEachmonth/AirlineswhichinvolvesinCancellationineachmonth

Through this insight we can find that which airline Company most involved in Cancellation of flight.

From the Bar chart, after sorting the data we can Easily see that Southwest Airlines Inc. has the maximum(818) cancellations occurred among all other airlines, closely followed by Atlantic Southeast Airlines with 800 cancellations by number.Hawaiian Airlines Inc. had the fewest number of cancellations with total count only 8 .

INSIGHT – 5 :

https://public.tableau.com/profile/naman.jain2505#!/vizhome/ReasonCausesMostFlightDelays/ReasonCausesMostDelays?publish=yes

Through this insight we can easily see the Reason of delays which causes cancelled the flight. The Reason which is most involve in Flight Delays is Weather(2,397) over all Sates followed by Airline/Carrier(1,260) . you can use the filter to check the reason of delays for each state of US. In this insight I rename the bar measure. before it was visible as A,B,C then I changed it to more descriptive A-Airline/carrier, B-Weather , C-National Air System. Then it is easy to interpret the Visualization.