Build a Data Dashboard :

US FLIGHT DELAY

RAHUL DEVEL

INSIGHT : 1

<u>Late Aircraft Delay by State</u>

Link to dashboard:

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAYDASHBOARD/
LateaircraftdelaybystateDashboard?publish=yes

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAYDASHBOARD4
/Aircaftdelaybystate?publish=yes

Design:

In the dashboard, I have chosen world map and bar chart to show the late aircraft delay in each state. We can easily find the most aircraft delay in state across month and day of week. I have used shades of brown to highlight the increasing number of late aircraft delay.

Summary:

From the dashboard, we can see on the map and the bar chart that the most late aircraft delay is in California (6706) followed by Texas (6128) and Florida (4320) respectively. The lowest aircraft delay is in American Samoa i.e. 1.

INSIGHT : 2

The Average of Cancellation by Month and Airlines

Link to dashboard:

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAYDASHBOARD2/AVGCancellationofflightDashboard?publish=yes

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAYDASHBOARD3/AVGofcancellationbymonthandday?publish=yes

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAY2/AVGofcancellationinairlines?publish=yes

Design:

In the dashboard, I have chosen line chart and stacked bar chart to show the average cancellation by month and airline. I have chosen variation of brown to show variation in average cancellation in each airline along with the months. I have also given the average and number of cancellation by each day in a month also.

Summary:

We can clearly see in the dashboard that the highest average cancellation is in February (0.0472) and the lowest in September (0.0452). Also, American eagle airline has the highest average cancellation overall (the most in the month of Feb.) and Hawaiian airlines has the lowest average cancellation.

INSIGHT : 3

Top 10 Weather Delay in State/Airports

Link to dashboard:

https://public.tableau.com/profile/rahul3701#!/vizhome/USFLIGHTDELAY3_15894083776 810/Top10weatherdelaybyairportstate?publish=yes

Design:

In the dashboard, I have bar chart to show top weather delay in state and airports. I have chosen single color for the airports for simplicity purpose and I have also used filter to extract top 10 airports which faced issue of weather delay.

Summary:

We can clearly see in the dashboard that the most weather delay are in Dallas/Fort Worth International airport in Texas state (10,028) and the lowest are in Phoenix Sky Harbor International airport in Arizona state (4232).

Story Link -
https://public.tableau.com/profile/rahul3701#!/vizhome/STORYFLIGHT/Story1?publish=yes