

Insight 1: Worksheet 4

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet4

Summary: Here we can see the average departure delay the maximum city have delay Marquette (Avg. Departure Delay 89.9167) and the minimum Vernal (Avg. Departure Delay -6.4705)

Design: here I used a map to see the actual location for cities and I used colorblind-friendly palette Orange and Blue.

Resources: N/A

Insight 2: Worksheet 5

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet5

Summary: Here we can see the average arrival delay the maximum city have delay still Marquette (Avg. arrival Delay 83.4166) and the minimum St. Augustine (Avg. arrival Delay -16)

Design: here I used a map to see the actual location for cities and I used colorblind-friendly palette Orange and Blue.

Resources: N/A

Insight 3: Worksheet 3

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet3

Summary: here I count the number of cancelled flights per state and I found that CA has the maximum cancelled flights with 33,331 and the minimum is AS with 2 cancelled flights

Design: her I used shaded map to focus on the most cancelled state and I used colorblind-friendly palette Orange and Blue.

Resources: N/A

Insight 4: Worksheet 6

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet6

Summary: here I answer about this question “What part of the flight causes the most delays?” and I found that the reason that causes the most delays is Late Aircraft Delay with 1,231,193

Design: her I used bar chart to focus on the count values, the color will not stand out in the visualization so I left the default color

Resources: N/A

Insight 5: Worksheet 7

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet7

Summary: here I wondered about what is airline have the most flights

Design: her I used bar chart to focus on the count values, the color will not stand out in the visualization so I left the default color

Resources: N/A

Insight 6: Worksheet 8

Link: https://public.tableau.com/app/profile/adham.abdo7591/viz/Book1_16748482123930/Sheet8

Summary: I want to see the number of flights for every month in 2015 and I found that June has 26,810 flight and February 22,404 flight

Design: her I used bar chart to focus on the count values, the color will not stand out in the visualization so I left the default color

Resources: N/A

Insight 7: Dashboard 1 = Worksheet 4 + Worksheet 4(2) + Worksheet 5 + Worksheet 5(2)

Link: <https://public.tableau.com/app/profile/adham.abdo7591/Dashboard1>

Summary: here we can compare between the cities based on specific day and know the most and the least city have Avg. Departure Delay and Avg. arrival Delay

Design: her I used bar chart to focus on the most and the least city have Avg. Departure Delay and Avg. arrival Delay here the color does not matter so use the default color and used a map to see the actual location for these cities, I used colorblind-friendly palette Orange and Blue.

Resources: N/A