

PROJECT : 04

Build Data Dashboards :Tableau

Insight 01 :

Link :

https://public.tableau.com/profile/okba#!/vizhome/Book31_38/NumbersofflightscancelledpereverymonthinUSA?publish=yes

Summary: From the line chart, we can see when the most months that flights canceled in the USA. It appears that the most cancellation happens between November and March, on February registered over 1000 flights cancel as the big number of cancellation on the year.

Design :

I used line chart because it's easy to track the count of cancellation per every month and I choose the color blue for color the line because He is not colorblindness

Resources: N/A

Insight 02 :

Link :

<https://public.tableau.com/profile/okba#!/vizhome/Book025/FlightscancelledonUSA?publish=yes>

Summary: From the Dashboard that content the map and bar chart, we can see the more cancellation occur, the most cancellation happen in Texas (668), followed by Illinois(563) then

California(408).we can see that West Virginia and Montana had 3 of cancellation flights .we can see that the most cancellation occur on 1st day of week (Monday) by over 1000 cancellation flights over all year then the number fell down on the other day until the last day of week goes up again .

Design : I used line chart because it's easy to track the count of cancellation per every day of week. he is the best way for the viewer to see the difference between any day and color the line because he is not colorblindness. I used Map to determine which state has the most cancellation flights with filter option to choose any state individually, I colored them by blue because the blue color is not colorblindness.

Resources: N/A

Insight 03 :

Link :

https://public.tableau.com/profile/okba#!/vizhome/Book1112_4/PercentoftotalcancelledbyAirlinecompany?publish=yes

Summary: From the bar chart, we can see the Airline that made more cancellation flights. It appears that the most cancellation happens by Southwest Airlines(WN) by 18.45% from all total, followed by ExpressJet Airlines (EV) by 18.05 and Envoy Air (MQ) by 16.31%; we have seen that Hawaiian Airlines (HA) airline make least cancellation flights by 0.18 %.

Design : I chose the bar chart because it is the best way for the viewer to see the difference between the percent of any airline and color them all with the blue for not distracting him.

Resources: <https://www.iata.org/publications/Pages/code-search.aspx> : I used this website to get the full airline names instead of airline codes.