

Build Data Dashboards project

1)

Link: https://public.tableau.com/profile/aura7230#!/vizhome/flightdelays_0/AirTimeforAirportAirline?publish=yes

Summary: From this horizontal bar. We can see the one with the most average air time for Airline is AA Airline, and the one with the most average air time for Airport is Guam international airport.

Design: the color represents the average time for Airlines, and the length represent the average time for Airports.

Resources: N/A

2)

Link: https://public.tableau.com/profile/aura7230#!/vizhome/flightdelays2_0/Comparetwodelayes?publish=yes

Summary: this chart shows the numbers of weather and security delay in months. One can see in February has the most weather delay So, in this month you should check the weather before booking a flight. And November has the most security delays, I think that happened because of holiday season (Thanksgiving holiday) since about 90% of American celebrate.

Design: In this graph a dual axis seems good to see both measures.

Resources: https://onlinehelp.tableau.com/current/pro/desktop/en-us/help.html#data_dateparse.html

3)

Link: <https://public.tableau.com/profile/aura7230#!/vizhome/flightdelays3/Dashboard2?publish=yes>

Summary: on the left graph you can see the worst Airline out of all the other airline is AA airline in Texas, in the map you can see the state with the most departure delay is CA then TX, and on the lower right graph you can see the Airport with the worst departure and arrival delays is Chicago O'hare airport.

Design: choose a color suitable for color blindness, and used colors to highlight the answer, a dashboard to answer three relatable questions.

Resources: <http://blog.usabilla.com/how-to-design-for-color-blindness/>