Insight 1

**Airline Delay**

**link:**[**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/AirlineDelay\_16752792977760/Sheet1?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/AirlineDelay_16752792977760/Sheet1?publish=yes)

**Summary:**

It looks like Southwest Airlines has the worst airline delay with (182,670) and Virgin America has the lowest with (7,853)

**Design:** I choose the bar chart here to differentiate between the different airlines as they’re a lot, so the best is a bar chart

Insight 2

**Best Service Among Airlines(Worst Overall Delay)**

**Link:**[**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/BestServiceAmongAirlines/Sheet1?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/BestServiceAmongAirlines/Sheet1?publish=yes%20)

**Summary:**

Here we can see the best service is provided by Hawaiian Airlines Inc. as it has the lowest overall delays in general, comes at last Southwest Airlines Co.

**Design:**

Again, the bar chart here is the perfect fit as it’s many different airlines and sorted it out

Insight 3

**Different Cancelation Reasons Proportions**

**Link:** [**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/DifferentCancelationReasonsProportions/Sheet2?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/DifferentCancelationReasonsProportions/Sheet2?publish=yes%20)

**Summary: we can see here the most cancelation reason is the weather and the least is National Air System**

**Design: here I chose Pie chart as we only have 3 types of cancelation reasons so we can see the proportions well and it gives a great visual also chose a different colors for each so that the user can differentiate between them.**

Insight 4

**Canceled reason distribution among cities.(filter by each reason)**

**Link:** [**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/DistributionofCancellingReasonsamongcities/Sheet3?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/DistributionofCancellingReasonsamongcities/Sheet3?publish=yes)

**Summary:**

Here we can see different places where different canceling reasons may occur by each city

**Design:**

**Here I choose a map and a dotted circle to make it easy to see the cities and when the dot gets bigger that’s an indicator that the city has a larger amount of cancellation associated with it.**

**Dashboard link:** [**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/Dashboard\_16752964368770/Dashboard1?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/Dashboard_16752964368770/Dashboard1?publish=yes%20)

**Story link:** [**https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/Story\_16752966739460/Story1?publish=yes**](https://public.tableau.com/app/profile/mostafa.mohamed.mohamed/viz/Story_16752966739460/Story1?publish=yes)

**Resources: N/A**