

## Insight 1

### Link:

[Delay of Airline in States - Somayah Sharif | Tableau Public](#)

### Summary:

**From the map we can see the most delay comes from Southwest Airlines Co. depends on the States, so we can see that the State of Florida recorded (928) delayed fights, and Nevada recorded (684) delayed flights as they are the most states have delayed.**

**While Maine recorded (8) delayed flights as the least delay.**

### Design:

**We choose the map because it is the easiest visual for seeing the most delays in different states by coloring with dark blue.**

### Resources:

**N/A**

## Insight 2

### Link:

[Cancelled Flights per Airline - Somayah Sharif | Tableau Public](#)

### Summary:

**From the Story of the Bar chart, we can see the most Airlines cancelled in February, as we choose February because when we combine all the months, we see that it is the most month that have the larger cancellation, so in February we can see that American Eagles Airlines Inc recorded (203) of cancelled Airline, and Atlantic southeast Airlines recorded (177) of cancelled Airline.**

**While Hawaiian Airlines Inc have not any cancellation in Feb.**

### **Design:**

**We choose Bar chart as the best option for plotting Categorical data. We can use the month and combining between them and we can see the highest cancellation in which Airlines. And we use one color because it will make the reader concentrate on the statistics not on the color as they are distracting.**

### **Resources:**

**N/A**

## **Insight 3**

### **Link:**

[The most Arrival Delay for Airport per State - Somayah Sharif | Tableau Public](#)

### **Summary:**

**We can see from the Dashboard the most Airports have delay in the arrival according to the states, from the Symbol Map above we find that the highest Avg. number of minutes for the arrival delay in Tennessee recorded as (0.49550) in the McGhee Tyson Airport, and South Dakota recorded the Avg. as (0.47967) per Number of Minutes in the Airport of Sioux Falls Regional.**

**While we can see from the Tree maps that New York recorded (0.43333) as the lowest Avg. delay in the Westchester County Airport.**

### **Design:**

**I have chosen Symbol Maps and Tree Maps because we have a lot of States and Airports need to be gathered in one place and it will be easier for the comparison to the reader.**

### **Resources:**

**N/A**