

### **Insight #1:**

#### **Link:**

[https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight1\\_Aziz/Sheet2?publish=yes](https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight1_Aziz/Sheet2?publish=yes)

#### **summary:**

from the map, we can see the destination states based on its activity filtered by month, to see the change by month. CA is the busiest in 2015 followed by TX.

#### **Design:**

Using colored map with blue gradient is sufficient and effective to show the activity status per state.

#### **Resources:**

N/A

### **Insight #2:**

#### **Link:**

[https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight2\\_Aziz/Sheet3?publish=yes](https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight2_Aziz/Sheet3?publish=yes)

#### **Summary:**

The line chart shows how the flights distributed over the days of the week (Day 1 = Sunday, Day 7 is Saturday). Over the year Friday has the lowest flights 33,039; while Sunday is the busiest with 41,016 flights. It is filtered by month, so, we can see the days status per month.

#### **Design:**

Line chart with months filter can easily show the change in day activity per month

#### **Resources:**

N/A

### **Insight #3:**

#### **Link:**

[https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight3\\_Aziz/Dashboard1?publish=yes](https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight3_Aziz/Dashboard1?publish=yes)

#### **Summary:**

This dashboard is useful for a person who is planning his vacation or trip, it shows the status of the destination states and which day of the week is less crowded over the year month by month.

Design:

The map and line chart can easily show what the person want

Resources:

N/A

**Insight #4:**

Link:

[https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight4\\_Aziz/Sheet6?publish=yes](https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight4_Aziz/Sheet6?publish=yes)

Summary:

The bar chart shows the cancellation flights as number of flights and their reason of cancellation for each airline. It is also filtered in months, so you can figure out what causes cancellation most in each month. Clearly February and December had a bad weather. Some airlines have cancelled flights more than others and the airline itself is the reason in those cancellations.

Resources:

N/A

**Insight #5:**

Link:

[https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight5\\_Aziz/Sheet7?publish=yes](https://public.tableau.com/profile/abdulaziz8499#!/vizhome/insight5_Aziz/Sheet7?publish=yes)

Summary:

The map shows where the most cancelled flights happens, over the year and month by month. TX and IL have the most cancellation over the year. From insight #4, we can inspect IL to have a bad weather since it has largest cancellation in February and December

Resources:

N/A