

### **Insight 1**

[https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2\\_15864467727000/Sheet1](https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2_15864467727000/Sheet1)

Here we can easily see through the visualization that it depicts the number of diverted flights in the state of US. A filter is also added to enhance the ease of seeing in which range does the number of flights stand. It is also seen that most number of flights have been diverted in California(33,331), then Texas(32,612), then Florida(21,512) and so on.

### **Insight 2**

[https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2\\_15864467727000/Sheet2](https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2_15864467727000/Sheet2)

In this visualization one easily view the airports that have the most number of airline delays in the state of US. We see Chicago O'Hare International airport to be the most densely colored, thereby on the forefront of the visualization. One can take their business decisions on the densely colored airports and mend the reasons for airline delays. Also, if we hover over the chart, we see the arrival and departure delay(in a directly proportional relationship) in an increasing order color wise which can further help in aiding business decisions. Rest of the airports that are less colored do not need the immediate attention of the viewer.

### **Insight 3**

[https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2\\_15864467727000/Sheet3](https://public.tableau.com/profile/avikshit.saras#!/vizhome/Project2_15864467727000/Sheet3)

Here we see the airports that have with them the tag of the most number of cancellations. The problems that are associated with them need to be rectified properly. The bar chart visualization helps in aiding the insight of the origin airports associated with the number of cancellations with them.