

## Project - Up in the Air: A Visual Exploration of Flight Data

**Link:** (Final Story)

[https://public.tableau.com/app/profile/sneha.tayde.nov27/viz/UpintheAirAVisualExplorationofFlightData\\_16870494554290/FinalStory?publish=yes](https://public.tableau.com/app/profile/sneha.tayde.nov27/viz/UpintheAirAVisualExplorationofFlightData_16870494554290/FinalStory?publish=yes)

**Summery:** This complete story showcases different information like popular and busiest airports, why cancelations come into picture, how flights are rerouted depending on the circumstances. Also, popular destinations and which days of the week people prefer to fly.

**Design:** This final Story is a combination of multiple worksheets and dashboards. I decided to keep constant color scheme throughout the whole project. I kept colors light hues of Orange and blur rather than any brighter colors which could be distracting. I also decided to have my dashboards simple and easy to interact with.

**Link:** (Busy/#Flights)

<https://public.tableau.com/app/profile/sneha.tayde.nov27/viz/BusyFlights/BusyFlights?publish=yes>

**Summery:** This dashboard simply reflects the number of flights from each destination across the country and busiest airports in The United States which have over at least 1000 flights.

**Design:** In this dashboard, I decided to use KPI of number of flights based on State and Bar Chart for busiest airports across the country.

**Link:** (Cancel/DOW)

<https://public.tableau.com/app/profile/sneha.tayde.nov27/viz/CancelDOW/CancelDOW?publish=yes>

**Summery:** This visualization provides information about number of flights cancelations based on the Airline and day of the week. From this dashboard its easy to analyse popular airlines as well as days preferred to fly.

**Design:** In this dashboard, I have made use of Table Chart as there are lot of information that I am trying to convey through days of the week, airlines, and multiple airports. Its easy to analyse when you have everything presented in an organised manner like a table.

**Link:** (Delay/Diversion)

<https://public.tableau.com/app/profile/sneha.tayde.nov27/viz/DelayDiversion/DelayDiversion?publish=yes>

**Summary:** This dashboard showcases information about how flights are diverted when weather is not safe enough to fly from destination and how it caused delays.

**Design:** In this dashboard, there are two totally different visualizations. I have used map so that I can showcase all state's information together. And Treemap as in my knowledge it works hand in hand when you want to interact using filters.

**Resources:**

[www.google.com](http://www.google.com)

(To find top 10 Airports in United States and, to look for their respective codes)