

AIRLINES DATA ANALYTICS FOR AVIATION INDUSTRY

Project Flow

- Users create multiple analytical graphs/charts/Visualizations.
- Using the Analytical Visualizations, build the required Dashboard(s).
- Saving and visualizing the final dashboard in the IBM Cognos Analytics.

To accomplish this, we have to complete all the activities and tasks listed below:

- IBM Cloud Account
- Login to Cognos Analytics
- Working with the Dataset
 - Understanding the Dataset
 - Loading the Dataset
- Data Visualization Charts
 - Build the following visualizations
 1. Pie Chart - Continent-wise No. of Flights
 2. Packed Bubble Chart - Continent wise No. of Flights by Type - Colored with Type
 3. Continent List - Filter
 4. Top 10 Countries by Flights
 5. Countries - Summary Card
 6. Regions - Summary Card
 7. Airports - Summary Card

8. Municipalities - Summary Card
9. Column Chart - Continent-wise No of Flights
10. Waterfall-Chart - Continent-wise No of Flights
11. Geo-Map - Continent-wise No. of flights
12. Geo-Map - Country-wise No. of flights
13. Continent Filter
14. Flight-Type filter
15. Column-Chart - No of Airports by Type
16. Hierarchy Bubble Chart - Region-wise Different Types of Airports
17. Packed bubble Chart - Municipality-wise No. of Airports
18. Bar Chart - Continent-wise No of Airports