

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
 - o Understanding the Dataset
 - o Loading the Dataset
- Data Visualization Charts
 - o Build the following visualizations
 1. Pie Chart - Continent-wise No. of Flights
 2. Packed Bubble Chart - Continent wise No. of Flights by Type - Coloured 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