AIRLINES DATA ANALYTICS FOR AVAITION 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