**AIRLINES DATA ANALYTICS FOR AVAITION INDUSTRY**

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| Date | 04 November, 2022 |
| Team ID | PNT2022TMID28207 |
| Project Name | Airlines Data Analytics for Aviation Industry |
| Maximum Marks | 8 Marks |

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 - 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

1. Flight-Type filter
2. Column-Chart - No of Airports by Type
3. Hierarchy Bubble Chart - Region-wise Different Types of Airports
4. Packed bubble Chart - Municipality-wise No. of Airports 18.

Bar Chart - Continent-wise No of Airports