

# Project Flow

Team ID	PNT2022TMID15341
Project Name	Global Sales Data Analytics

- 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 Chart
- Global Stuperstore\_Data Upload.
  - Global Superstore\_DataPrep.
  - Date Calculations and Navigation path.
  - Segment wise Sales, Profit and Qty.
  - Use Pie to showcase Sales by Order Priority and Sales by Market.
  - Use a TreeMap to present Sales by Sub-Category
  - Using a Bar chart present Sales by Region by the Sales Order.
- Present Regional Sales using Map Country points -- Showcase Top 10 countries.
- Present Sales (Bar), Profit (line) by Sub-Category using Line and Column Chart.
- Sales vs Profit Scatter Plot with Sub-Category points and Region in Colour.
  - Sales and Profit Forecast by Month Country as Region and Region as Filter.
  - Sales vs Profit forecast by Month by Order Priority.
  - Show the Min, Max, and Avg Sales by Sub-Category using the Box plot.
- By setting a 10% extra Target for Sales Present Segment-wise Sales use Bullet Chart.
  - Present Sales using Hierarchy Bubbles by Market / Region.
  - Using a Legacy Map Present Sales vs Profit by Country / Region.
  - Showcase Quantity Sold by Radar Chart across various Regions.
  - Present Monthly Sales by Sub-Category using Waterfall chart.
  - Present Sales Vs Profit of Countries by Word Cloud.
  - Sales dashboard with Summary Cards.