

Project Flow

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| Team ID | PNT2022TMID49356 |
| 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 useBullet 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.