EXP-6

Dula Visualization Using PowerBI

Aim:

To Learn the PowerBI desktop interface and workflow by connecting to excel/CSV data source.Create basic visualization and assembling an interactive dashboard.

Procedure:

1. Open PowerBi Desktop & Inspect Interface

2. Connect to data Sources

    (a) Excel:

        • Home→Get data→Excel→ choose file

    (b)CSV

        • Home →Get data→ Text/CSV →choose file

3. Clean and Transform data

4. Create basic visualizations.

    (a)Bar chart - Sales by category.

    (b) Line Chart - Monthly sales Trend

(C) Pie/Donut Chart - Sales proportion by region

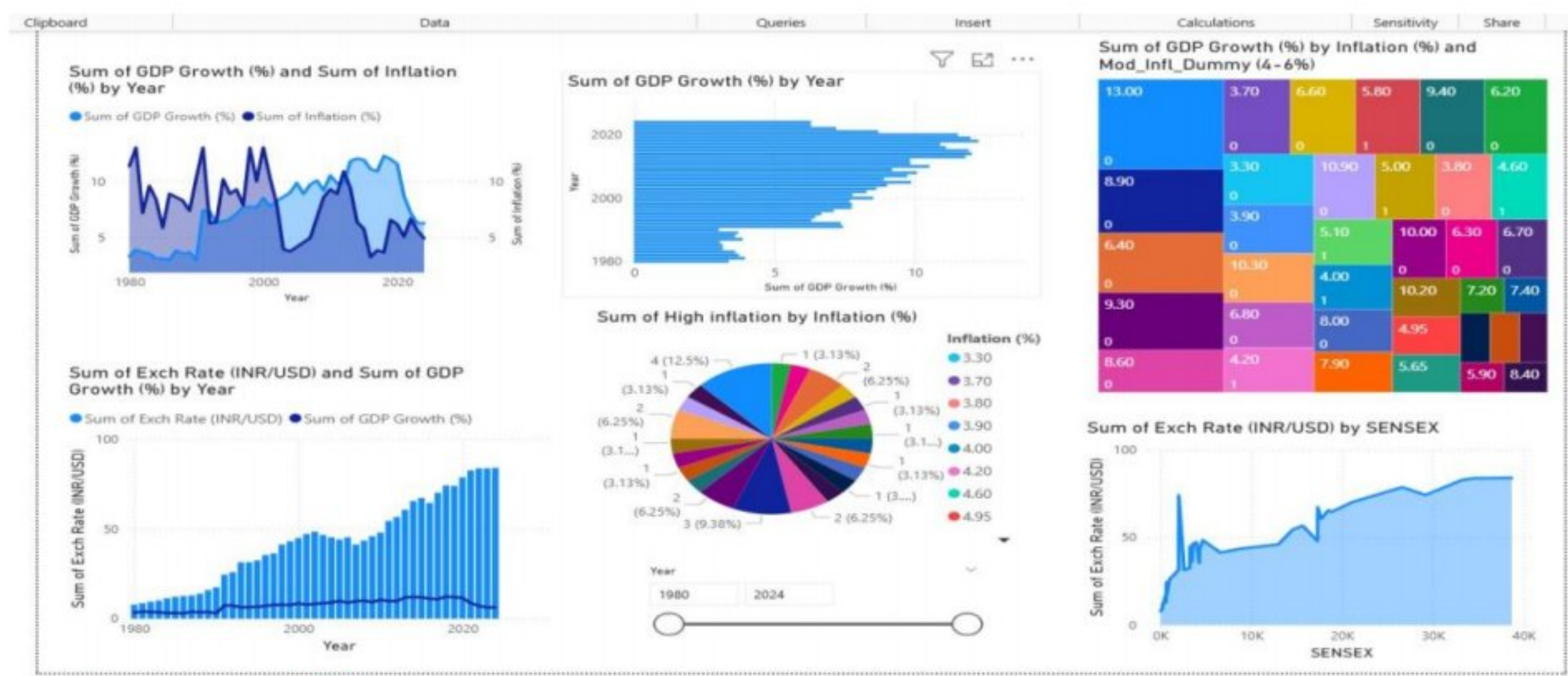(d) Card Visuals key KPI's

5. Build a dashboard-like Report Page

(a) Arrange visuals into a clean layout:

    (i)   Top you, KPI Cards and a date/region
    (ii)   Left Column: bar chart & table
    (iii)   Right Column:line chart & pie/Donut

(b) Add titles, tooltips, and consistent formatting

(c)Save the .plix file.

Output:

Result:

        Thus PowerBI Interface and Workflow was learnt Successfully