DESCRIPTION

The director of a leading organization wants to compare the sales between two regions. He has asked each region operators to record the sales data to compare by region. The upper management wants to visualize the sales data using a dashboard to understand the performance between them and suggest the necessary improvements.

Objective: Help the organization by creating a dashboard to visualize the sales comparison between two selected regions.

Datasets: Sample Superstore

Steps to Perform:

1. Select Sample Superstore as Dataset
   1. Use Sample Superstore Dataset
   2. Select Data
   3. Use Group by from Data Source Table on a Folder to create a folder to segregate the required data for Customer Name and Order ID inorder to organize the data thoroughly.
2. Create a hierarchy called Location for the variable Country.
3. Create two parameters: Primary Region and Secondary Region with all regions listed in them. Here, primary and secondary region are the two regions where the sales are being compared.
   1. Create Parameters for Primary Region and Secondary Region
   2. Create a Calculated Field for both Primary Region and Secondary Region
4. Create a First Order Date
   1. Create a Calculated Field and name it as the First Order Date
5. Create a dashboard
   1. Align all sheets in the dashboard
6. Partition the dashboard to display the below details of Primary Region and Secondary Region
   1. First Order Date
   2. Total Sales
   3. Average Sales per Order
   4. No. of Customers
   5. No. of Orders
   6. No. of Products in Sales

**Step 1:**

1. Import data from the given data set.

A screenshot of a computer

Description automatically generated

Drag and drop Orders, People and column from the data set.

A screenshot of a computer

Description automatically generated

3. Use Group by from Data Source Table on a Folder to create a folder

A screenshot of a computer

Description automatically generated

**Step 2:** Create a hierarchy called Location for the variable Country.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Step 3: Create two parameters: Primary Region and Secondary Region

1. Create Parameters for Primary Region and Secondary Region

Creating a parameter for primary region

A screenshot of a computer

Description automatically generated

Creating a parameter for secondary region

A screenshot of a computer

Description automatically generated

1. **Create a Calculated Field for both Primary Region and Secondary Region**

Creating a calculated field for primary Region.

A screenshot of a computer

Description automatically generated

Creating a calculated field for Secondary Region

A screenshot of a computer

Description automatically generated

**Step 4:** Create a First Order Date

Create a Calculated Field and name it as the First Order Date

A screenshot of a computer

Description automatically generated

**Step 5**: Create a dashboard

1.import sales

A screenshot of a computer

Description automatically generated

2.Import first order date

A screenshot of a computer

Description automatically generated

3.Import sales again and change the measure to average.

A screenshot of a computer

Description automatically generated

4.Import customer id and change the measure to discrete count.

A screenshot of a computer

Description automatically generated

5.Similarly import order id and product id.

A screenshot of a computer

Description automatically generated

6.Edit the label from text mark

A screenshot of a computer

Description automatically generated

6. observe the result.

A screenshot of a computer

Description automatically generated

7. edit the tooltip.

A screenshot of a computer

Description automatically generated

8. change the background

A screenshot of a computer

Description automatically generated

9.Edit the pane. So that format will be changed.

A screenshot of a computer

Description automatically generated

10.Adjust the decimal value to 0 in the sum(sales) and currency standard to united states.

A screenshot of a computer

Description automatically generated

11.Adjust the decimal value to 0 in the currency.

A screenshot of a computer

Description automatically generated

12. Result of the Primary Measures.

A screenshot of a computer

Description automatically generated

13. Similarly, prepare Pr-maps:

A screenshot of a computer

Description automatically generated

14. Followingly, prepare Pr-Sales Line

A screenshot of a computer

Description automatically generated

15.Followingly, prepare Pr-RegSales.

A screenshot of a computer

Description automatically generated

16.Followingly, prepare Pr-Sales Chart.

A screenshot of a computer

Description automatically generated

17. Next, Prepare SC-Measures similar to Pr-Measures.

A screenshot of a computer

Description automatically generated

18. Followingly, prepare SC- Maps.

A map of the united states

Description automatically generated

19.Followingly, prepare SC-RegSales.

A screenshot of a computer

Description automatically generated

20.Next, prepare SC-Sales Line

A screenshot of a computer

Description automatically generated

21. Similarly, prepare SC-Sales Chart.

A screenshot of a computer

Description automatically generated

**Step 6:**

Integrate all the prepared charts into the dashboard using layout containers (Horizontal containers and Vertical containers).

Final DashBoard:

A screenshot of a computer

Description automatically generated