



Tableau Training Course-end Project

Comparison of Region Based on Sales

Objectives

- Create a dashboard to visualize the sales comparison between two selected regions





Prerequisites

- Hierarchy
- Parameters
- Calculated fields
- Dashboard

Industry Relevance



- **Hierarchy:** It represents the level-wise configuration.
- **Parameters:** It is a workbook variable such as a number, date, or string that can replace a constant value in a calculation, filter, or reference line.
- **Calculated fields:** It creates new dimensions, such as segments, or new measures, such as ratios or sums.
- **Dashboard:** It displays several views and compares a variety of data simultaneously.

Problem Statement



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.

Tasks to Perform



Perform the below tasks on the dataset provided using Tableau

1. Select Sample Superstore as Dataset
 - Use Sample Superstore Dataset
 - Select Data
 - Use Group by from Data Source Table on a Folder to create a folder to segregate the required data
2. Create a hierarchy called Location

Tasks to Perform



Perform the below tasks on the dataset provided using Tableau

3. Create two parameters: Primary Region and Secondary Region with all regions listed in them.
 - Create Parameters for Primary Region and Secondary Region
 - Create a Calculated Field for both Primary Region and Secondary Region
4. Create a First Order Date
 - Create a Calculated Field and name it as the First Order Date

Tasks to Perform



Perform the below tasks on the dataset provided using Tableau

5. Create a dashboard
 - Align all sheets in the dashboard
6. Partition the dashboard to display the below details of Primary Region and Secondary Region
 - First Order Date
 - Total Sales
 - Average Sales per Order
 - No. of Customers
 - No. of Orders
 - No. of Products in Sale

Project Outcome



- This project is designed to help create a dashboard to visualize the sales comparison between two selected regions.
- In order to increase sales, the organization can take preventive measures using dashboards.

Submission Process



1. Complete the project in Tableau Public
2. Complete each task listed in the problem statement
3. Save and upload the dashboard on Tableau Public
4. Copy the link to the dashboard
5. Take screenshots of the results for each question and the corresponding code
6. Save it as a document, and submit it using the **Assessment** tab
7. Tap the **Submit** button (this will present you with three choices)
8. Attach the three files, and then click **Submit**

Thank You