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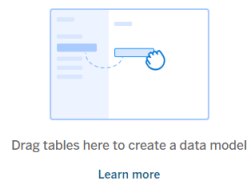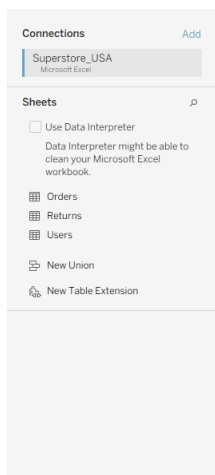# Superstore_USA Analysis Project Report

Project Question/Objective

1. Create the required hierarchy in your dataset
2. Create Scatter plot chart with respect to Sales & Profit
3. Exclude the outlier (Extream Value) from the chart.
4. Use the view data option to explore the data from any particular section of the Chart.

Step-by-Step Implementation Guide

Data Connection & Preparation

- Open Tableau Desktop
- Connect to "Microsoft Excel" and select `Superstore_USA.xlsx`
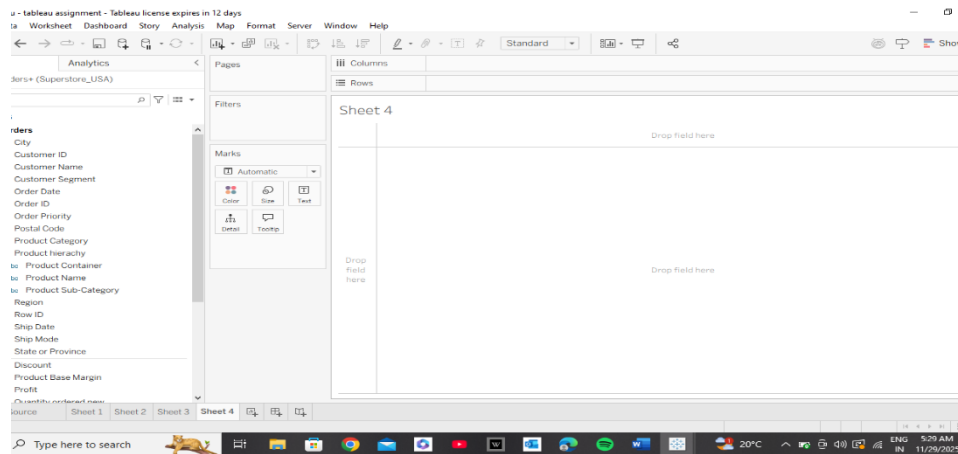- Verify data types are correctly identified

Data successfully loaded into Tableau with proper field recognition

Step 1: Create the required hierarchy in your dataset

In the Data pane (left side): Hold Ctrl and select:

- Category

- Sub-Category

- Product Name

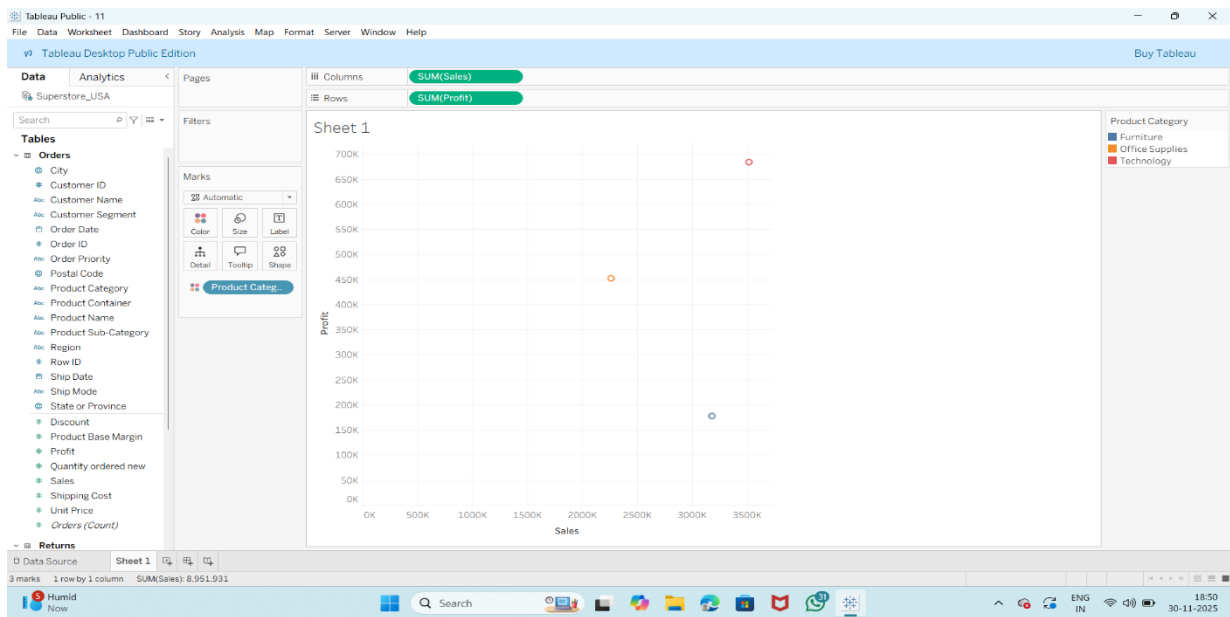- Right-click → Hierarchy → Create Hierarchy

Name it Product Hierachy.
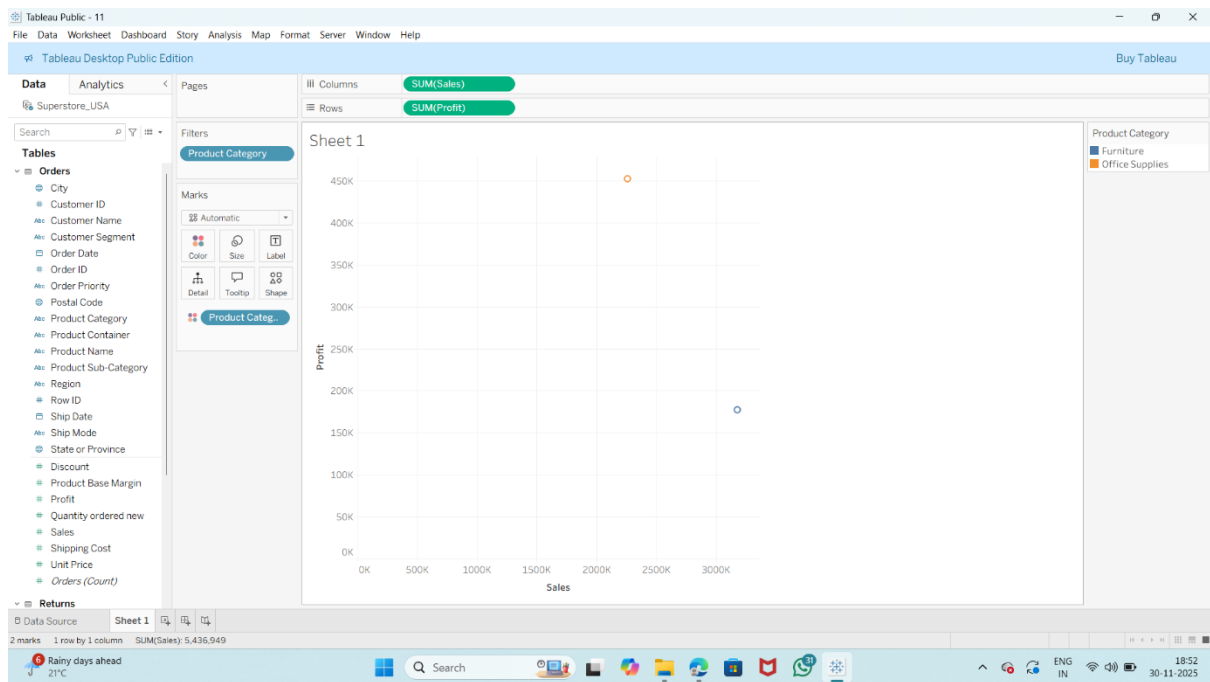

Hierarchy created successfully.

Step 2: Create Scatter plot chart with respect to Sales & Profit.

- Open a New Worksheet.
- Drag Sales → Columns shelf.
- Drag Profit → Rows shelf.
- In the Marks card, make sure:
- Chart type = Circle
- Drag Order ID or Customer Name to:
- Marks → Detail

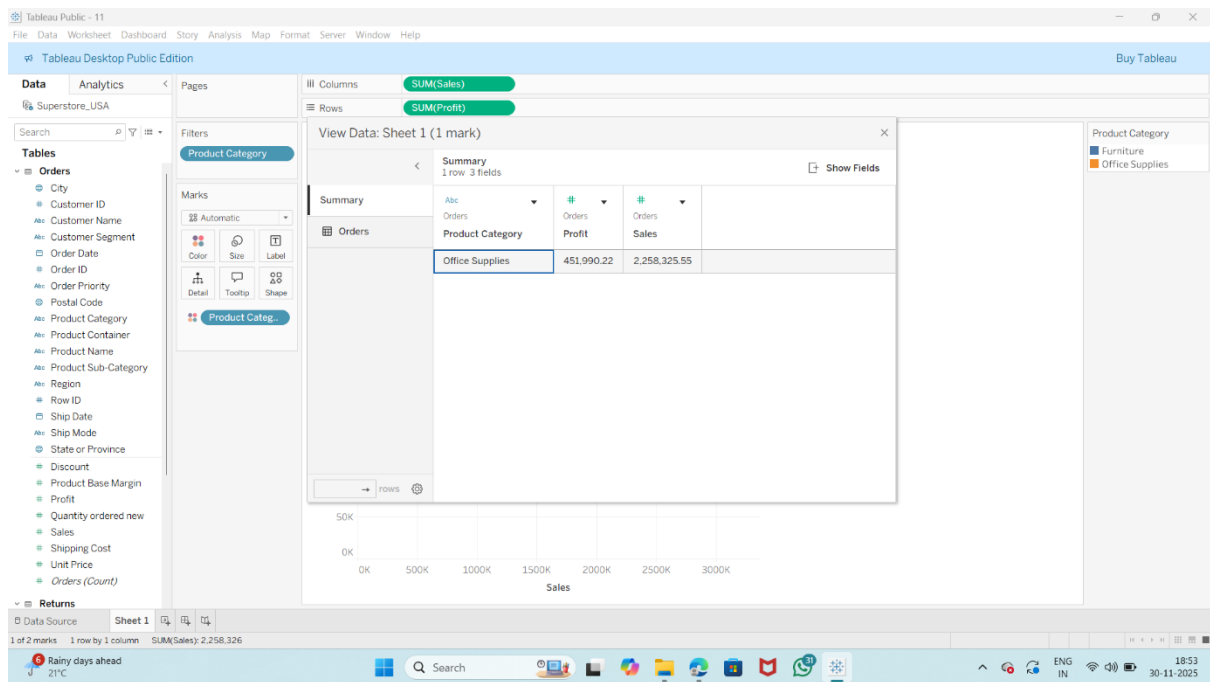Step 3: Exclude the outlier (Extream Value) from the chart.

- Using Filter

- Drag Sales to Filters.

- Choose Range of Values.

- Adjust the slider to remove extremely high values.

You'll see the chart become more balanced.

Step 4: Use the view data option to explore the data from any particular section of the Chart.

- Select any cluster or point on the scatter plot.
- Right-click on it.
- Click View Data.
- A window will open showing:
- Summary Data
- Full Data of that specific selection

Explore the records related to that point.

Tools Used

- Tableau Desktop/Public

- Superstore_USA.xlsx dataset

Files Created

- ` Superstore_USA.assignment'(Tableau packaged workbook)

- Project Report Document