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## **Experiment: 2**

**AIM:** To Demonstrate the Fields Operations, Editing Metadata in Tableau

### **STEPS:**

#### **1. Load Data Source:**

Open Tableau Desktop.

Click on "Connect to Data" and select your preferred data source (Excel, database, etc.).

Load the data source (e.g., "Superstore.xlsx").

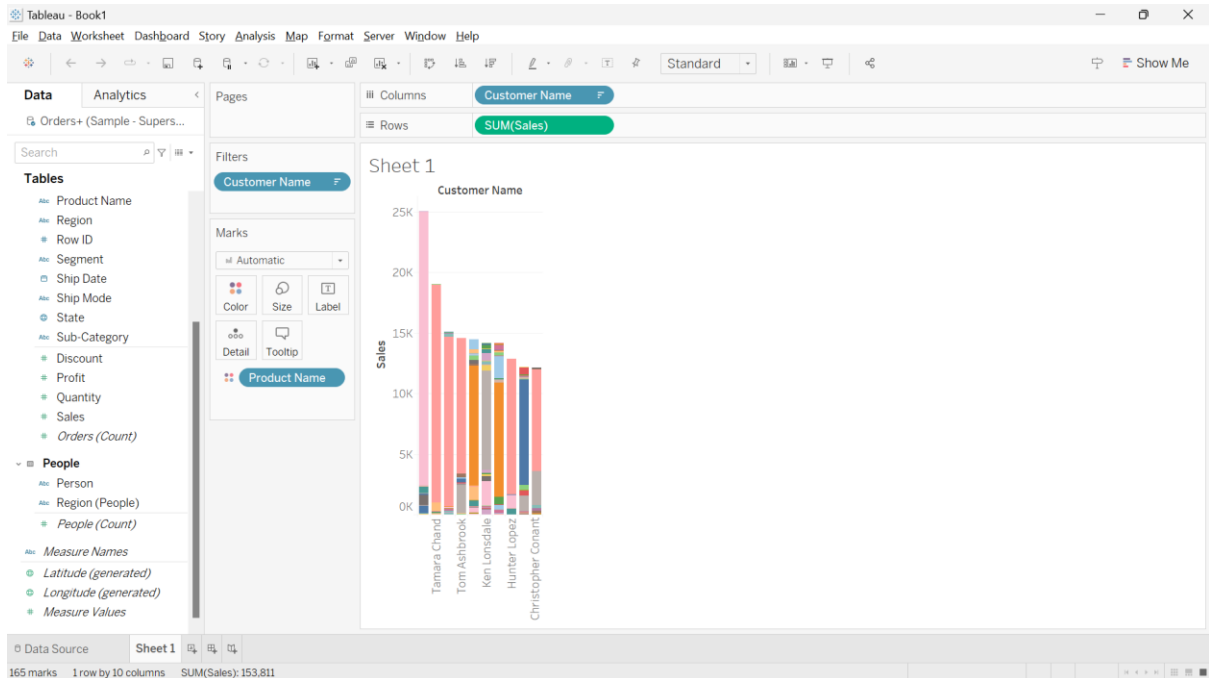
#### **2. Field Operations:**

##### **Aggregation:**

In the "Data Source" tab, drag a numeric field (e.g., "Sales") to the "Columns" shelf.

Notice that Tableau automatically aggregates the data. You can change the aggregation by clicking on the drop-down arrow next to the field in the "Columns" shelf and selecting a different aggregation (e.g., SUM, AVG).

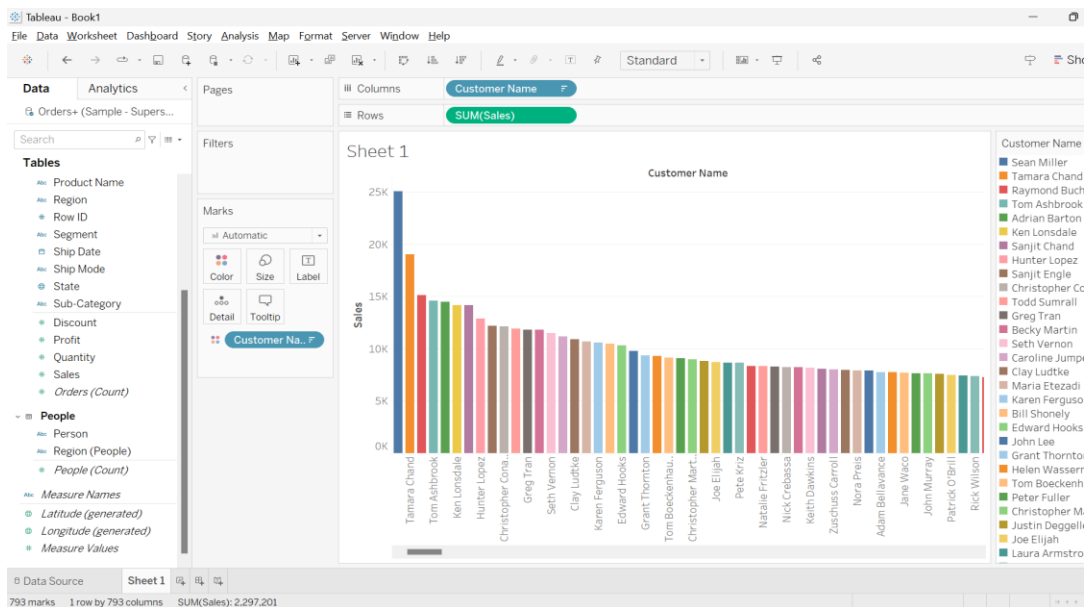
Calculation:



Right-click on a blank space in the "Data Source" tab and select "Create Calculated Field."

Name the calculated field (e.g., "Total Profit") and write a calculation like [Profit] - [Shipping Cost].

### 3. Editing Metadata:



## Rename Fields:

In the "Data Source" tab, right-click on a field and select "Rename."  
Rename a field to something more meaningful.

## Data Types:

In the "Data Source" tab, click on a field header to select it.  
Click the drop-down arrow next to the field header and select "Change Data Type." Choose an appropriate data type for the field.

