

Lesson 03 Demo 04

Measure Filter

Objective: To demonstrate the process of filtering and visualizing region-wise sales transactions between 5000 and 20000 using Tableau

Tools required: Tableau Desktop

Prerequisites: None

Note: Download the **superstore.xlsx** datasets from the Reference Material of the LMS

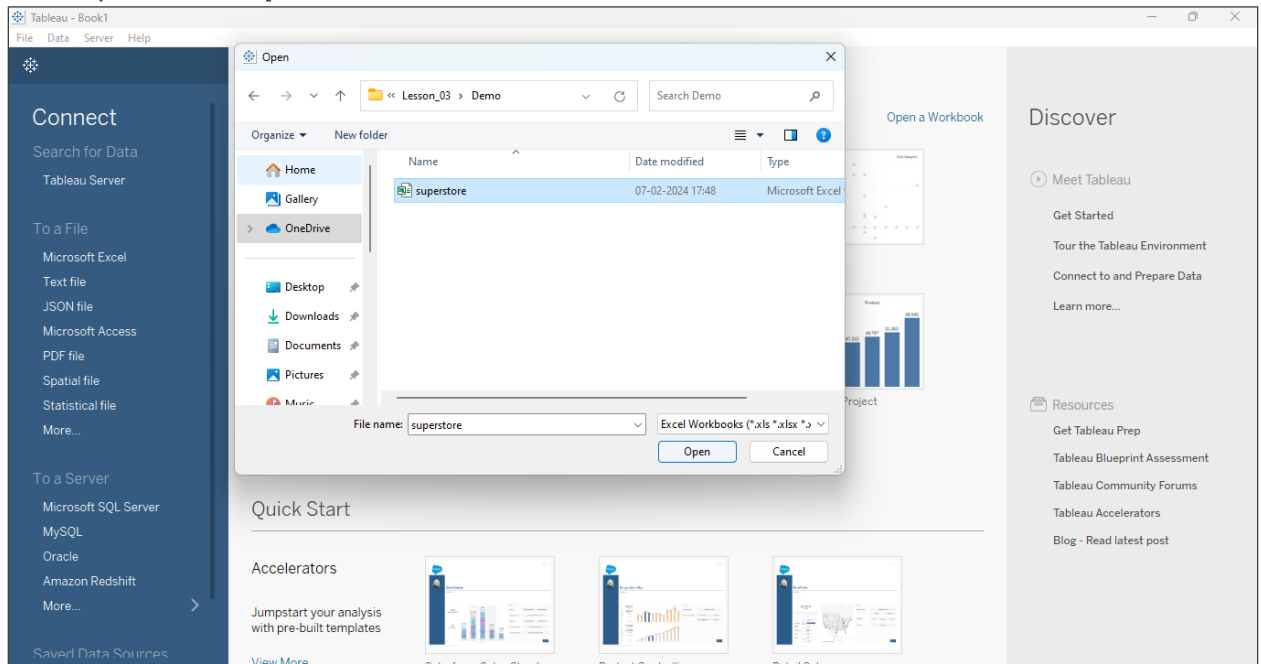
Steps to be followed:

1. Import and set up data
2. Add Region and Sales to Rows and Text Marks
3. Apply Sales Filter
4. Configure Measure Filter

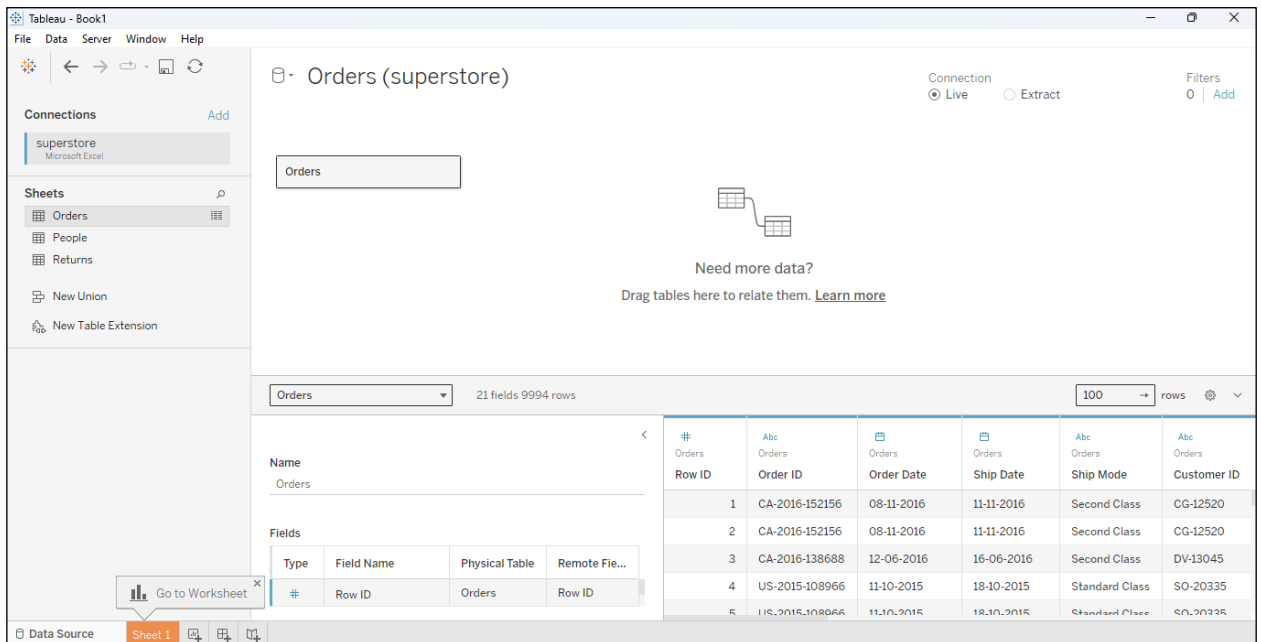
Step 1: Import and set up data

- 1.1 Go to the home page of Tableau Desktop and click on **superstore**

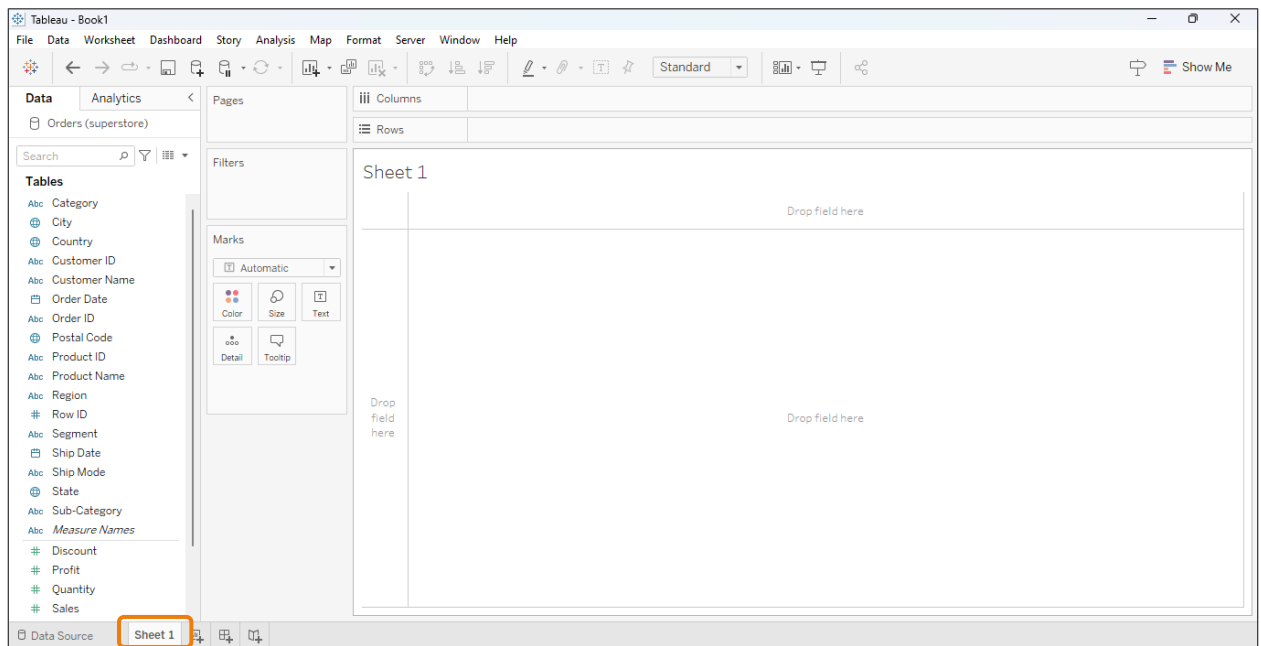
1.1 Import the **superstore** dataset



1.2 In the Data Source view, drag the **Orders** table onto the white canvas

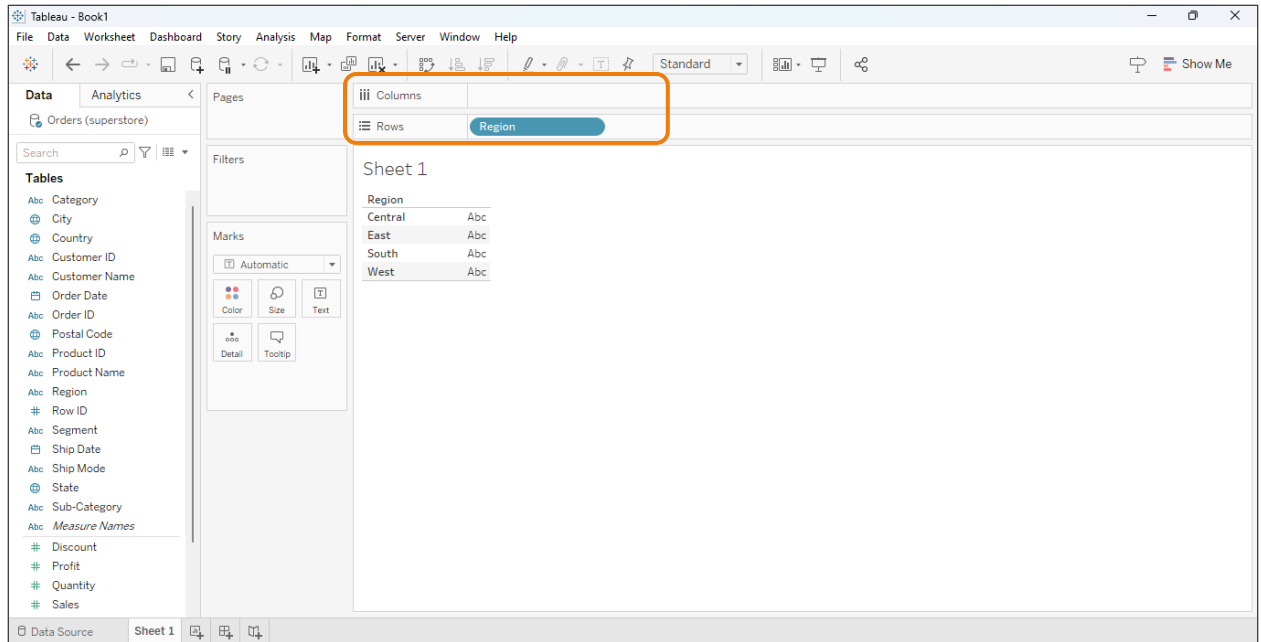


1.3 Navigate to **Sheet 1**

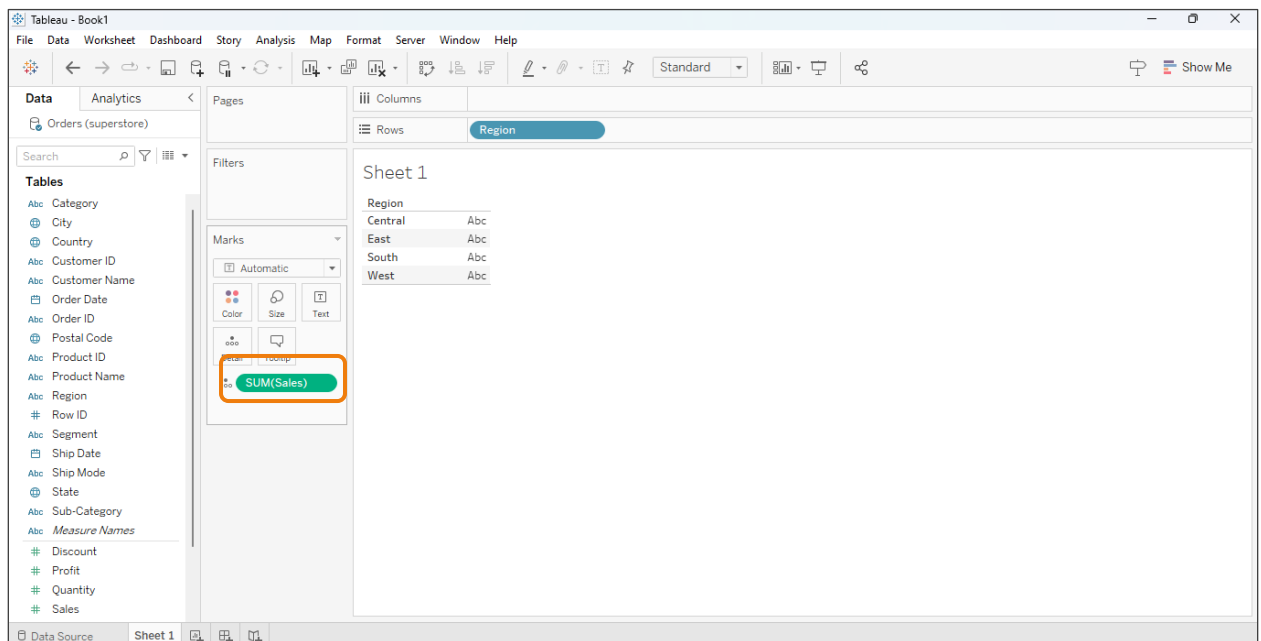


Step 2: Add Region and Sales to Rows and Marks

2.1 Drag the **Region** field to Rows

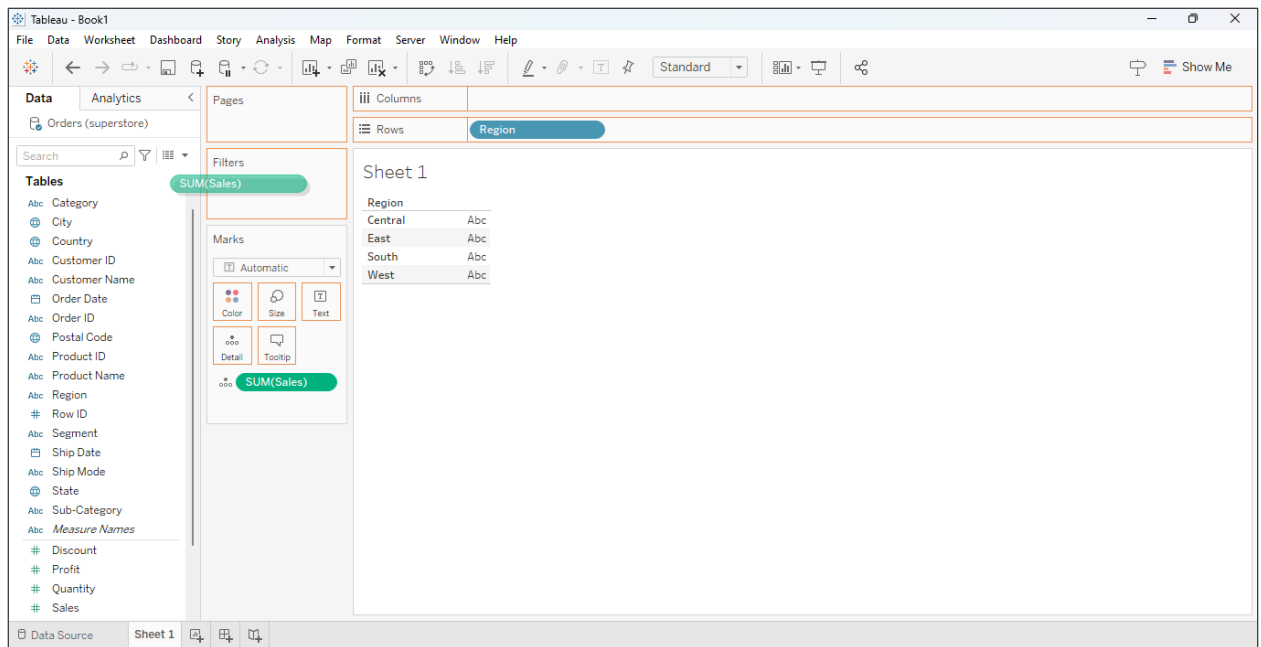


2.2 Drag the **Sales** field into the Marks card

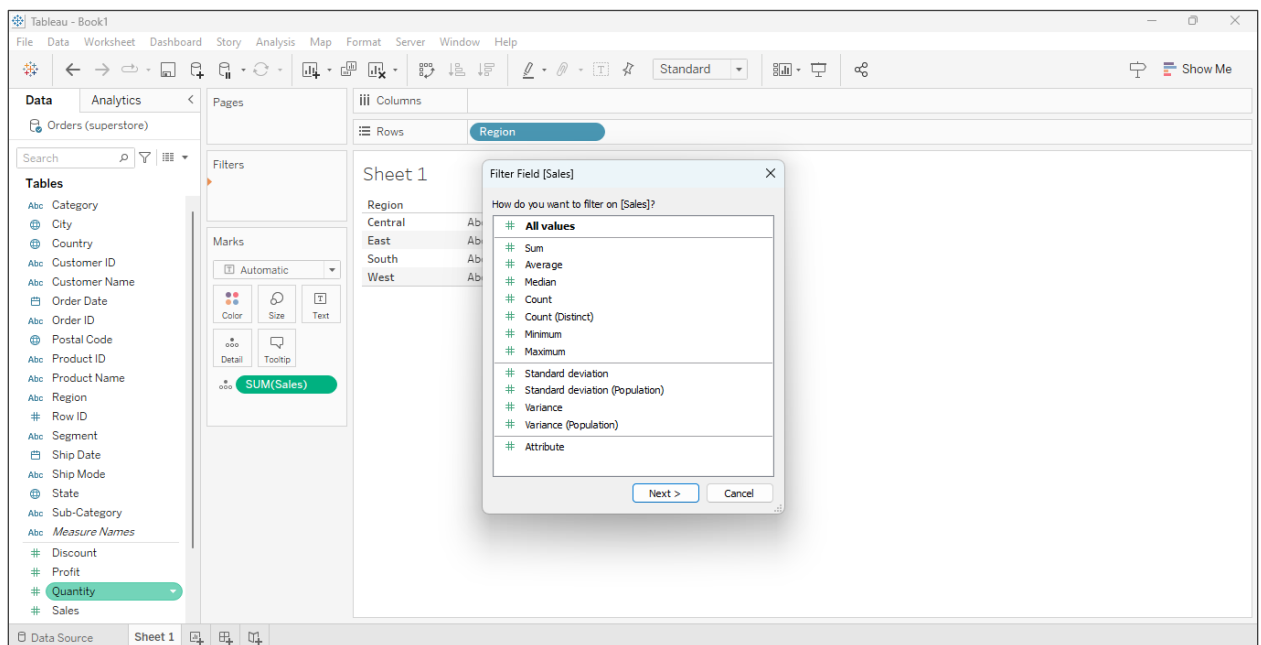


Step 3: Apply Filter

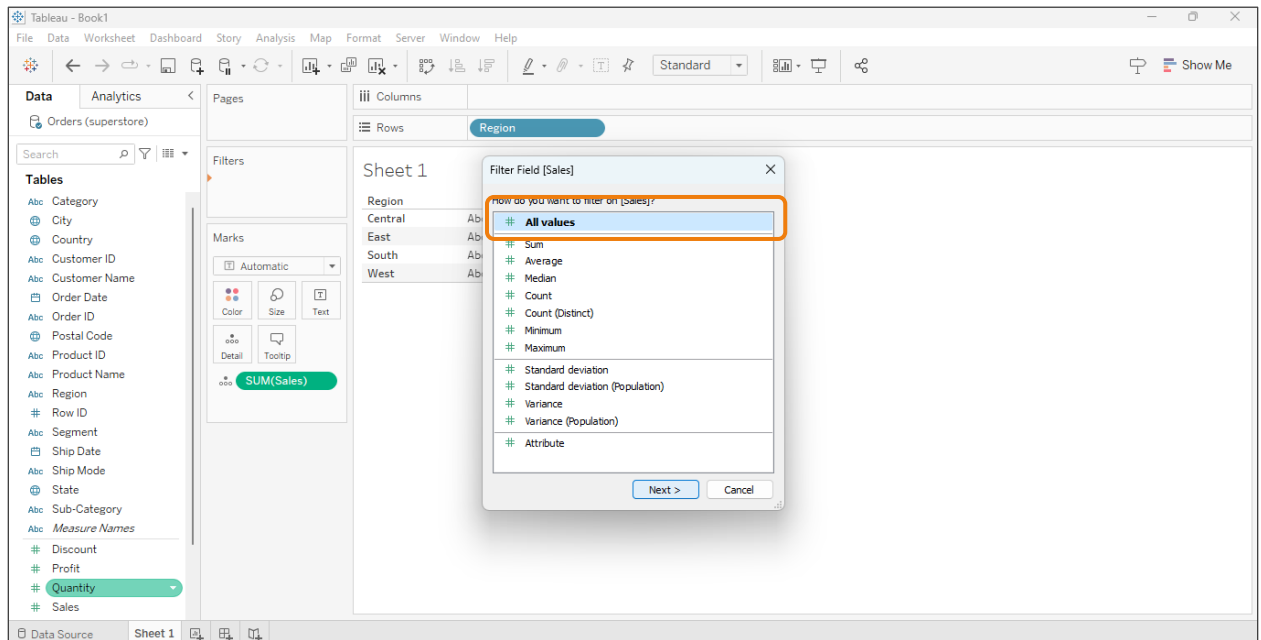
3.1 Drag the **Sales** field again into the Filters shelf



The **Filter Field** dialog box will appear as shown below:



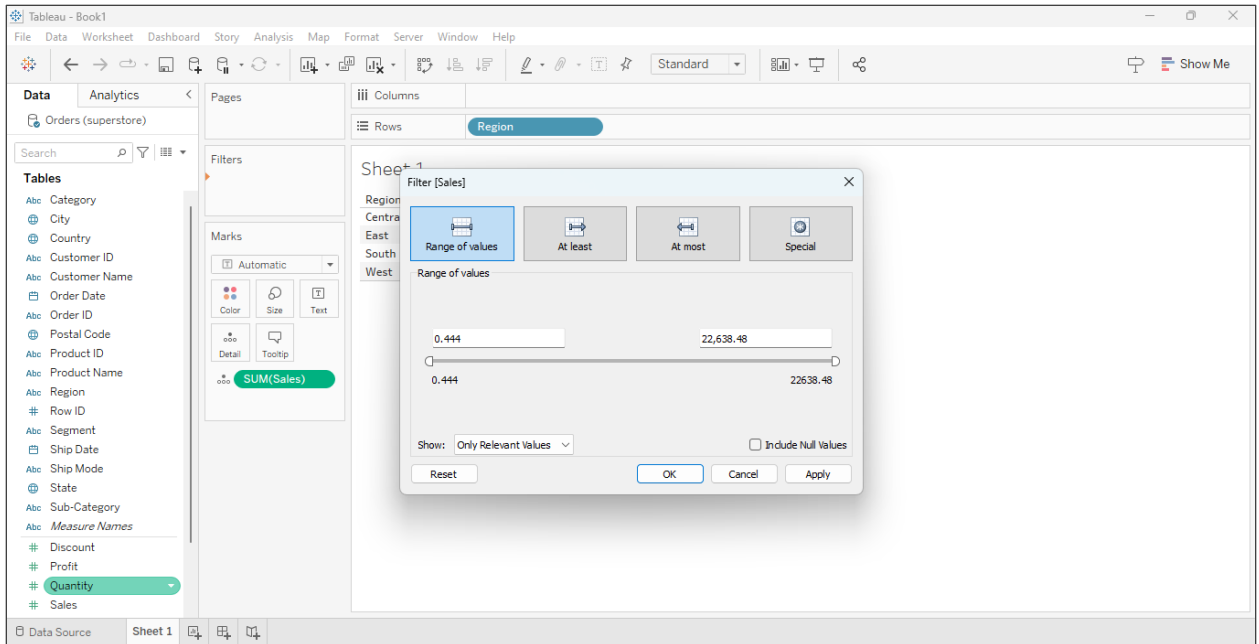
3.2 Select **All Values** at the top of the Filter and click Next



Step 4: Configure Measure Filter

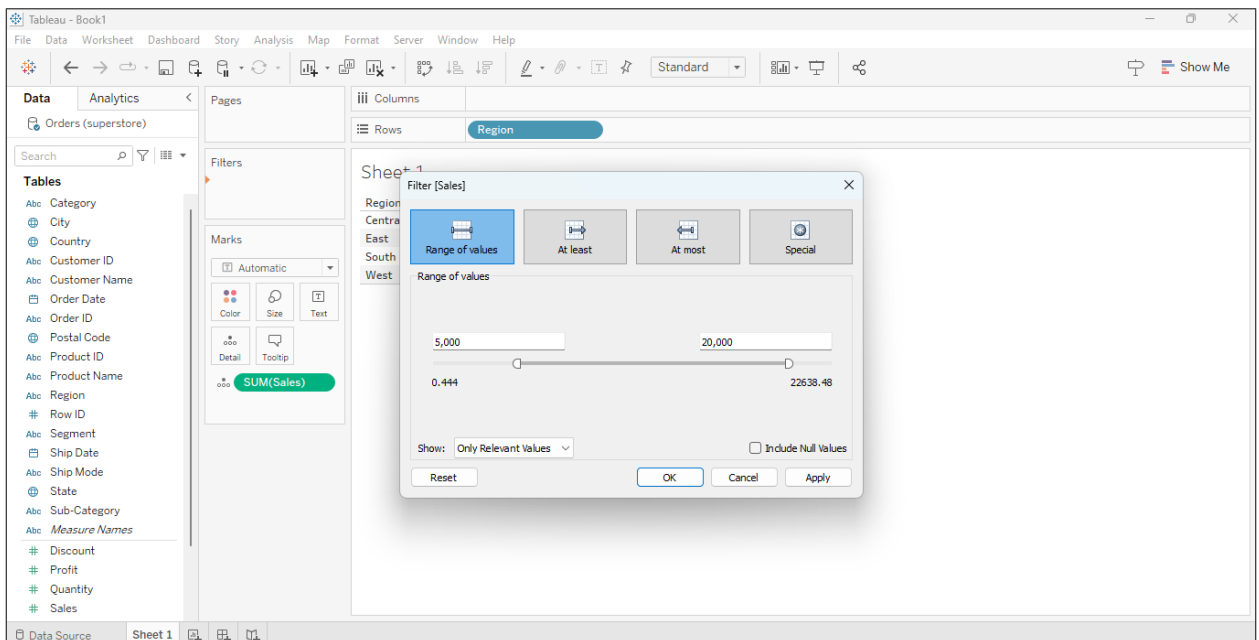
4.1 The Sales Measure Filter dialog box will appear, consisting of four sections:

Range of values, **At Most**, **At Least**, and **Special** (used for filtering Null/Non-Null values)

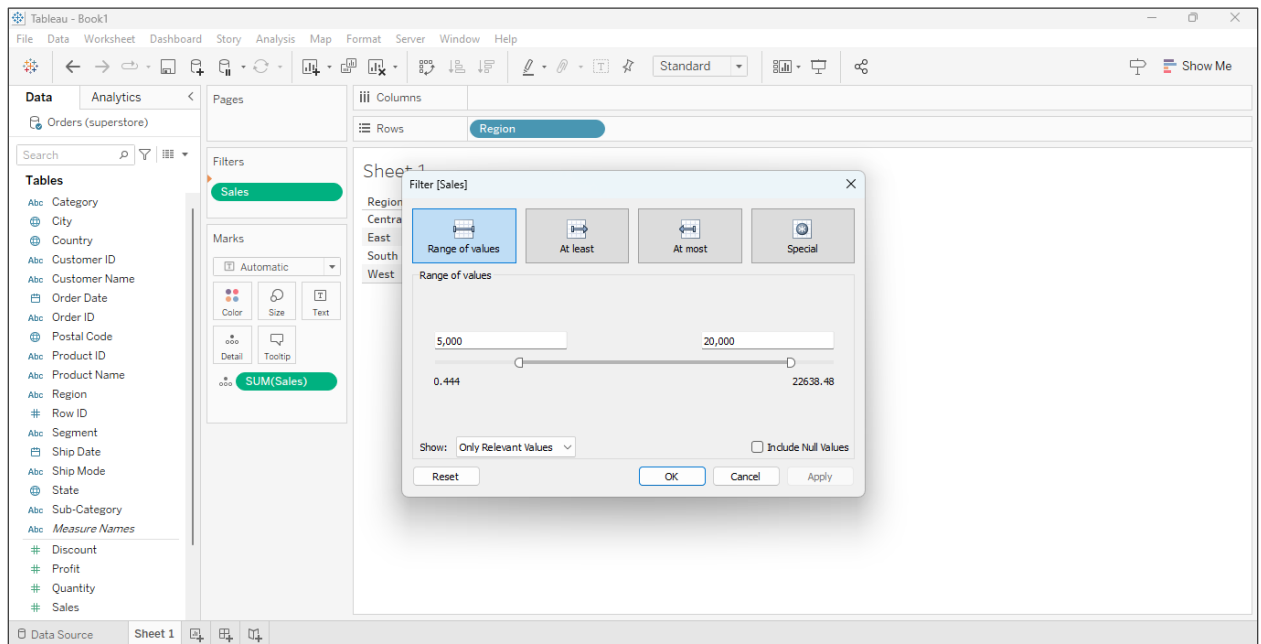


Note: The **At least** and **At most** sections in the Measure filter are redundant, as adjustments can be made using the **Range of Values** section.

4.2 Set the range from **5,000** to **20,000** using the sliders



4.3 Click on **Apply** and then, again **OK**



With these steps, you have successfully configured the measure filter, allowing you to refine and analyze data within a specific range according to your requirements.