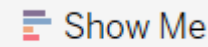


EFFECTIVE USAGE OF SHOW ME

Show Me creates a view based on the fields that are already used in the view and any fields that are selected in the **Data** pane.

Open **Show Me** by clicking **Show Me** on the toolbar



Given below are the sections (marked in blue) that we need to watch-out for when making use of Show Me to better understand how the visuals are built in Tableau:

1. **Rows Shelf**
2. **Columns Shelf**
3. **Marks card**
4. **Row Axis** or **Row Header**
5. **Column Axis** or **Column Header**



EFFECTIVE USAGE OF SHOW ME

To use **Show Me**, select the fields that need to be analyzed in the **Data** pane, and then select the type of view to be created in the **Show Me** pane.

Tableau automatically evaluates the selected fields and gives the option of several types of views (non-grayed view types) that would be appropriate for those fields.

Show Me also highlights the visualization type (with a red box) that best matches the data. that best matches the data.

As you hover over each view type, the description at the bottom shows the minimum requirements.



EFFECTIVE USAGE OF SHOW ME

NOTE: *In our examples we will not be making use of the best match visualization type recommended by Tableau.*

Based on our examples we will be manually selecting the appropriate visualization type.

Although there are totally 24 types of visuals that we can plot using **Show Me**, we will try to create visuals only for 5 examples.

We will follow the below mentioned steps:

Step 1: Create the visual by using the **Show Me** option

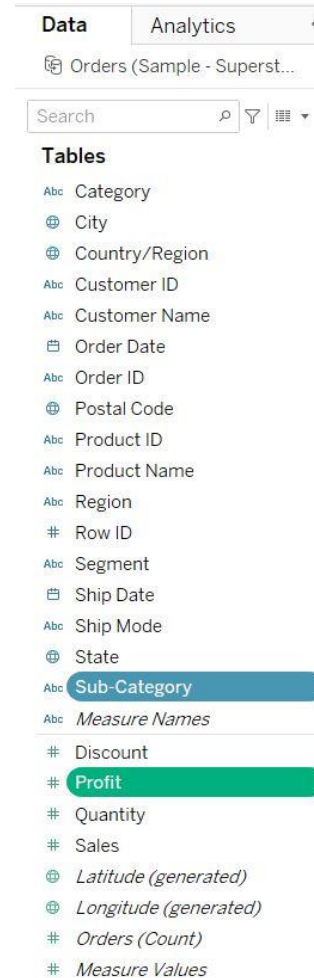
Step 2: Make note of the fields present in **Shelves**, **Marks** card and **Axes** for understanding how **Show Me** created the first visual

Step 3: We will try to recreate the same visual manually without the **Show Me** option

EXAMPLE 1 TEXT TABLES USING SHOW ME

Step 1: Select the **Sub-Category** in the **Data** pane

Hold the Ctrl key (Command key on a Mac) and select the **Profit** in the **Data** pane



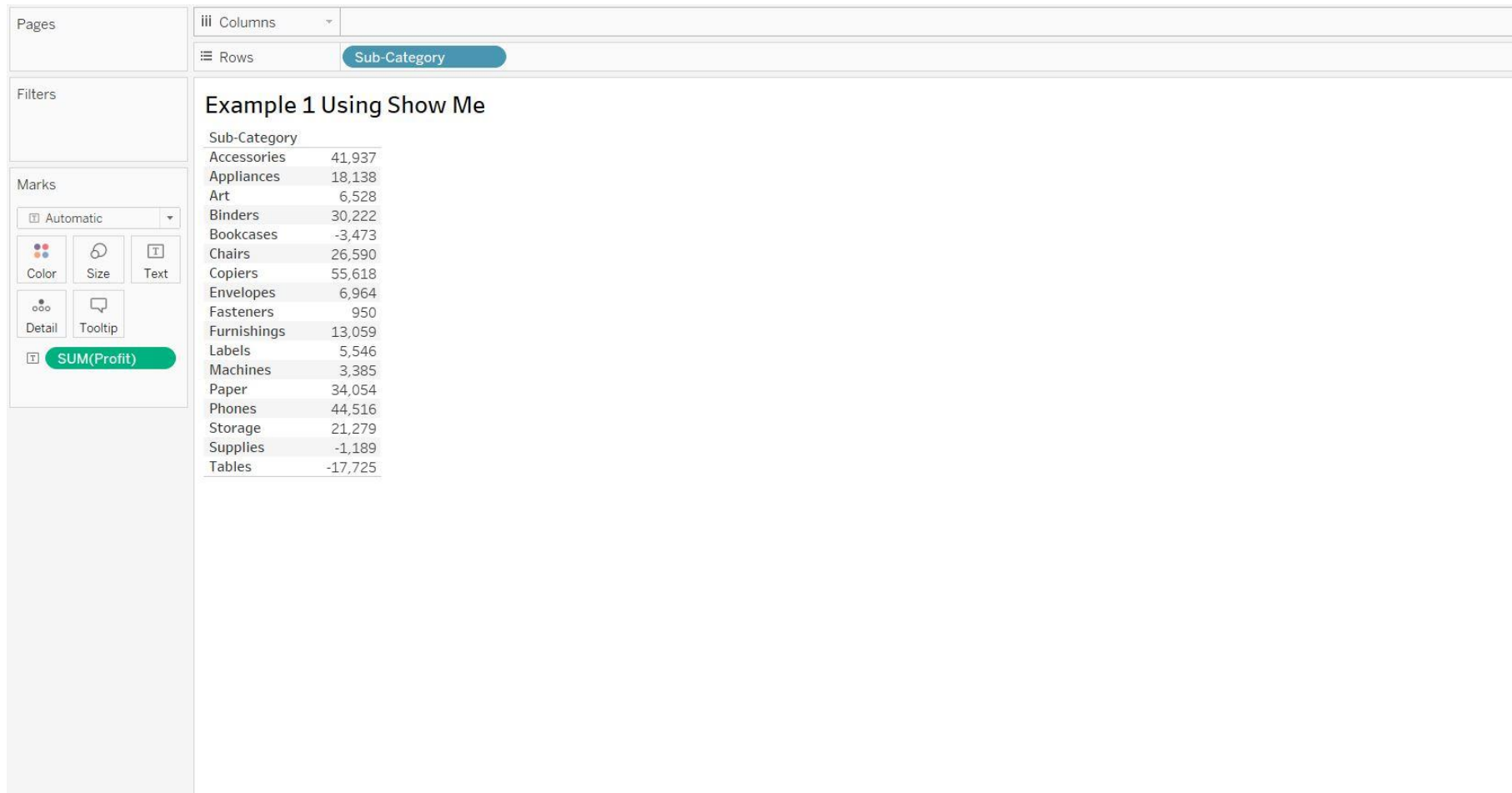
EXAMPLE 1 TEXT TABLES USING SHOW ME

Step 2: Click **Show Me** on the toolbar and then select **Text Tables** (1st Visual in the Top row)

The screenshot displays the Tableau interface with the 'Show Me' panel open on the right. The main workspace is titled 'Example 1 Using Show Me' and contains a large empty area with the text 'Drop field here'. The left sidebar shows the 'Data' pane with a list of fields: Category, City, Country/Region, Customer ID, Customer Name, Order Date, Order ID, Postal Code, Product ID, Product Name, Region, Row ID, Segment, Ship Date, Ship Mode, State, Sub-Category, Measure Names, Discount, Profit, Quantity, Sales, Latitude (generated), Longitude (generated), Orders (Count), and Measure Values. The 'Profit' field is highlighted in green. The 'Show Me' panel on the right shows a grid of visual types. The first visual in the top row, 'Text Tables', is selected and highlighted with an orange border. Below the grid, there is a section titled 'For text tables try' with two buttons: '1 or more Dimensions' and '1 or more Measures'.

EXAMPLE 1 TEXT TABLES USING SHOW ME

Step 3: This creates a **Text table** of **Sub-Categories** with **Profit** values
Let us make note of the fields present in Rows Shelf and details of the Marks card



EXAMPLE 1 TEXT TABLES WITHOUT USING SHOW ME

Step 1: Drag and drop **Sub-Category** in the **Rows** Shelf

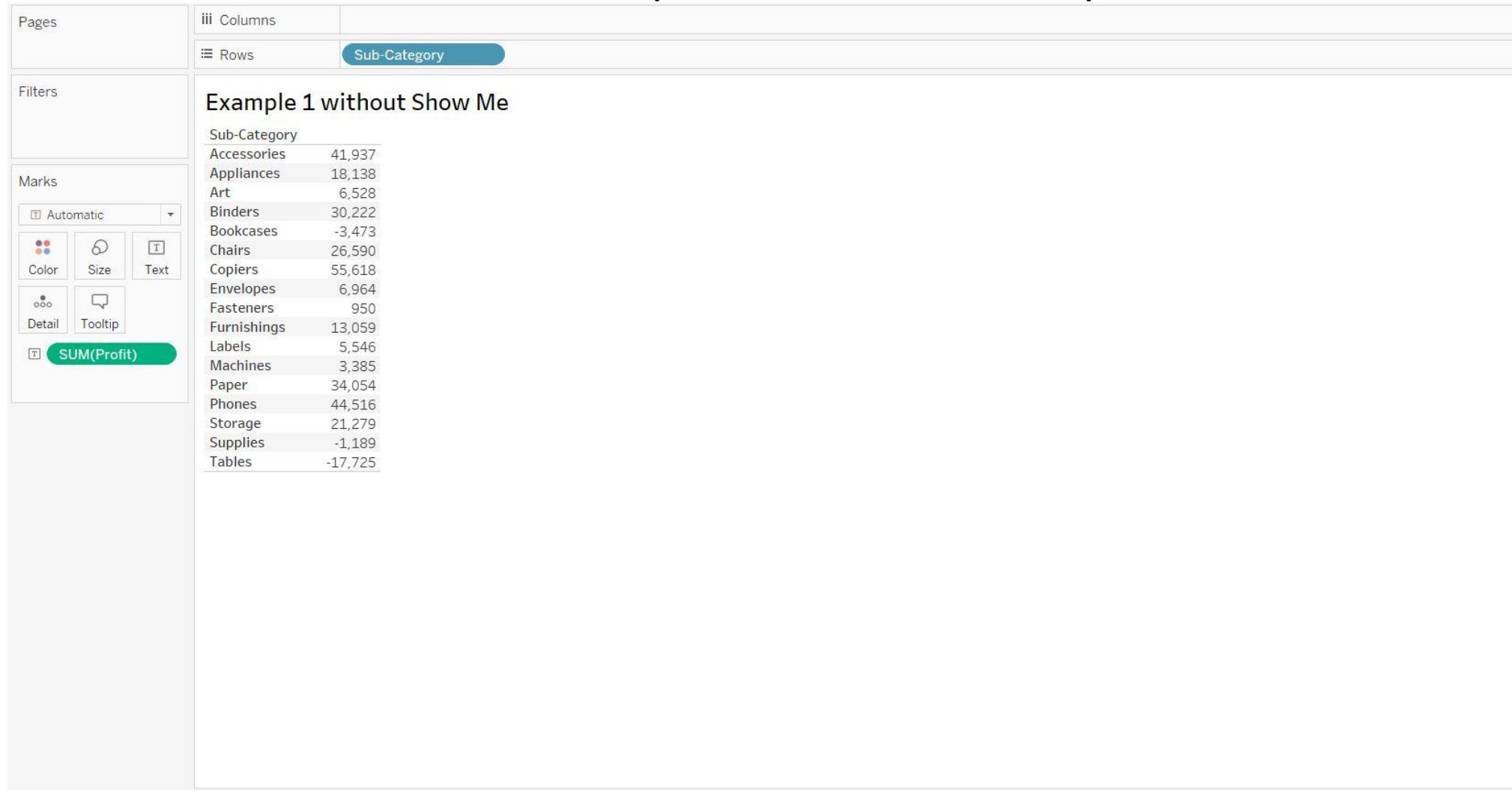
The screenshot shows the Tableau interface. On the left sidebar, the 'Columns' shelf is empty, and the 'Rows' shelf contains 'Sub-Category'. The 'Marks' shelf is set to 'Automatic'. The main view displays a text table titled 'Example 1 without Show Me' with 'Sub-Category' as the row header and 'Abc' as the column header. The table lists 20 sub-categories: Accessories, Appliances, Art, Binders, Bookcases, Chairs, Copiers, Envelopes, Fasteners, Furnishings, Labels, Machines, Paper, Phones, Storage, Supplies, and Tables.

Sub-Category	Abc
Accessories	Abc
Appliances	Abc
Art	Abc
Binders	Abc
Bookcases	Abc
Chairs	Abc
Copiers	Abc
Envelopes	Abc
Fasteners	Abc
Furnishings	Abc
Labels	Abc
Machines	Abc
Paper	Abc
Phones	Abc
Storage	Abc
Supplies	Abc
Tables	Abc

EXAMPLE 1 TEXT TABLES WITHOUT USING SHOW ME

Step 2: Drag and drop **Profit** on **Text** on the **Marks** card

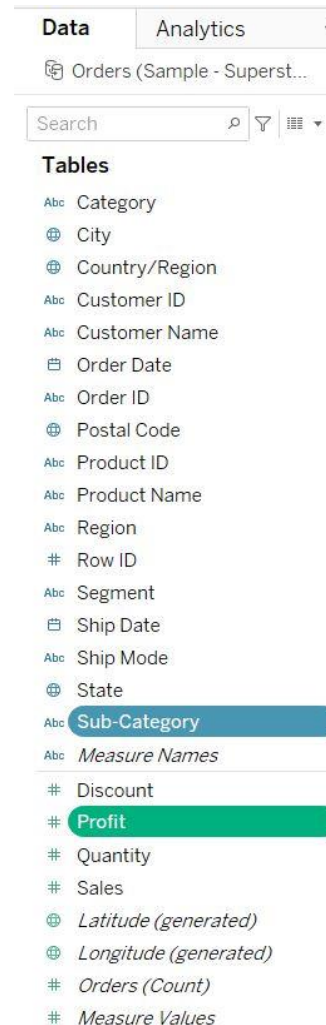
We have recreated the simple **text table** manually



EXAMPLE 2 HIGHLIGHT TABLES USING SHOW ME

Step 1: Select the **Sub-Category** in the **Data** pane

Hold the Ctrl key (Command key on a Mac) and select the **Profit** in the **Data** pane



EXAMPLE 2 HIGHLIGHT TABLES USING SHOW ME

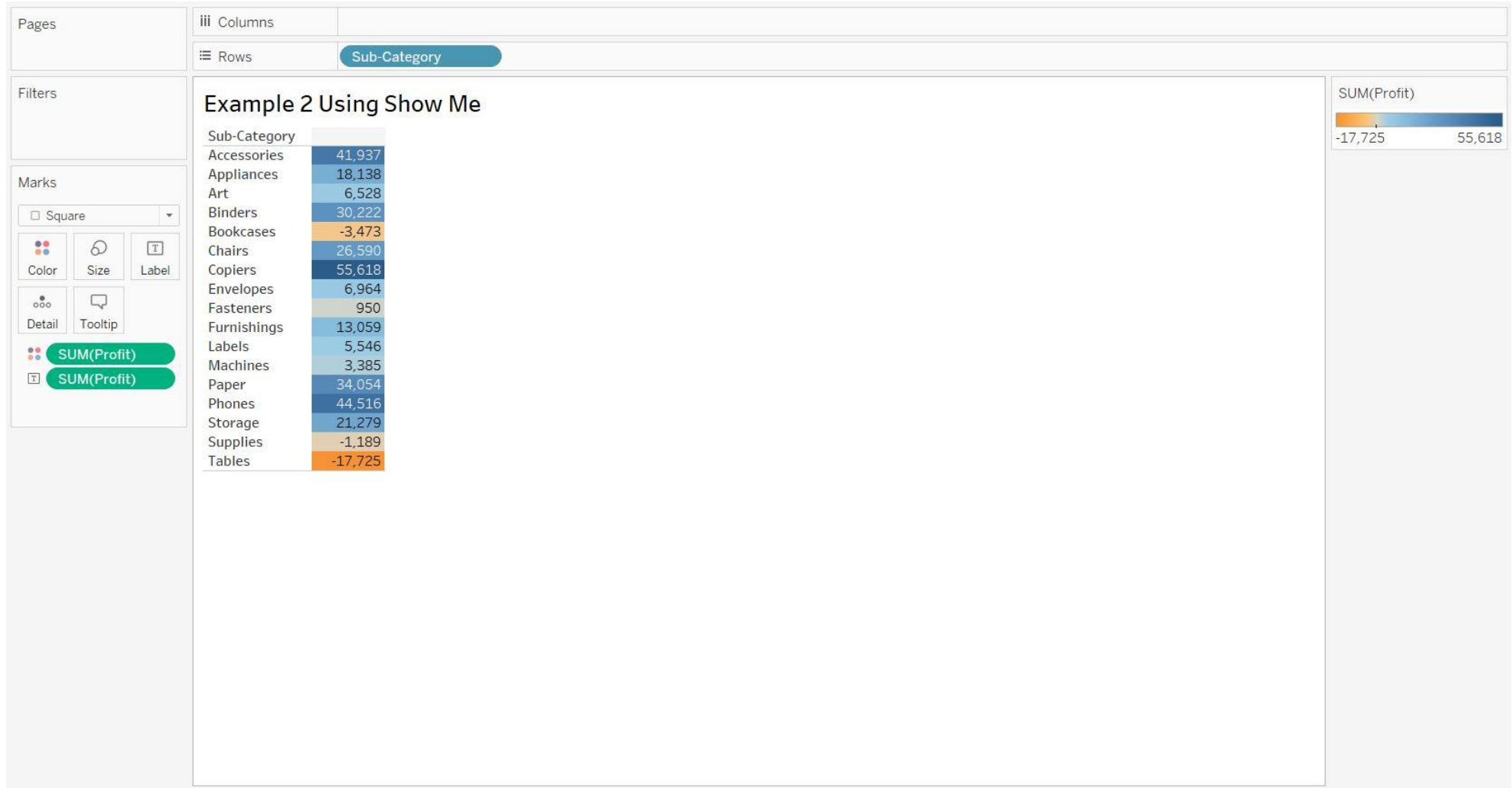
Step 2: Click **Show Me** on the toolbar and then select **Highlight Tables** (3rd Visual in the Top row)

The screenshot displays the Microsoft Power BI interface. On the left, the 'Data' pane shows a list of fields under 'Tables', including 'Category', 'City', 'Country/Region', 'Customer ID', 'Customer Name', 'Order Date', 'Order ID', 'Postal Code', 'Product ID', 'Product Name', 'Region', 'Row ID', 'Segment', 'Ship Date', 'Ship Mode', 'State', 'Sub-Category', 'Measure Names', 'Discount', 'Profit', 'Quantity', 'Sales', 'Latitude (generated)', 'Longitude (generated)', 'Orders (Count)', and 'Measure Values'. The 'Sub-Category' field is highlighted in blue, and the 'Profit' field is highlighted in green. The main workspace area is titled 'Example 2 Using Show Me' and contains two large empty boxes with the text 'Drop field here'. On the right, the 'Show Me' panel is open, displaying a grid of 24 visual icons. The third icon in the top row, which represents a table visualization, is highlighted with an orange border. Below the grid, the text 'For highlight tables try' is followed by two buttons: '1 or more Dimensions' and '1 Measure'.

EXAMPLE 2 HIGHLIGHT TABLES USING SHOW ME

Step 3: This creates a **Highlight table** of **Sub-Categories** with **Profit** values

Let us make note of the fields present in Rows Shelf and details of the Marks card



EXAMPLE 2 HIGHLIGHT TABLES WITHOUT USING SHOW ME

Step 1: Drag and drop **Sub-Category** in the **Rows** Shelf

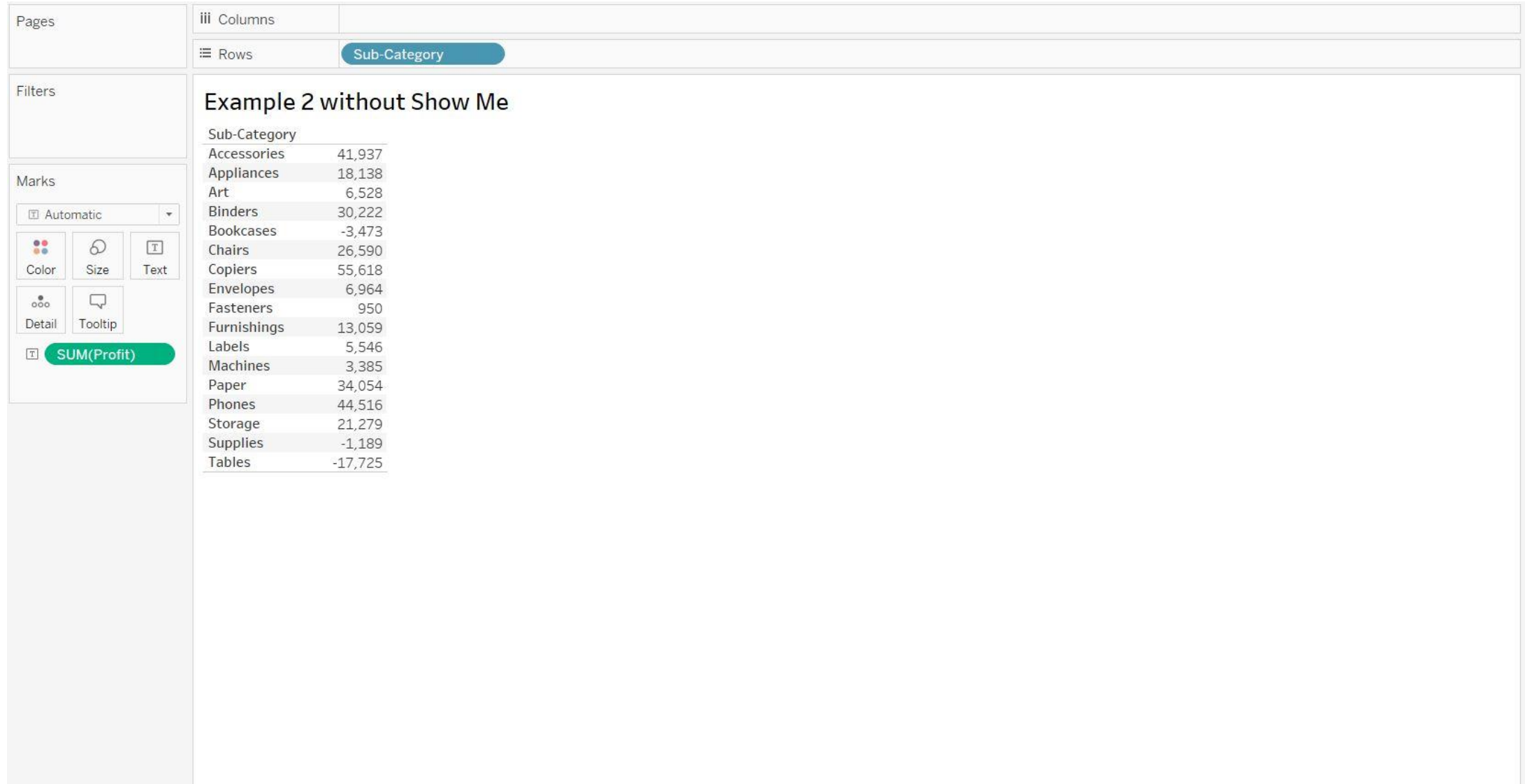
The screenshot shows the Tableau interface with the following components:

- Pages:** A single page is visible.
- Columns:** The 'Columns' shelf is empty.
- Rows:** The 'Sub-Category' field is placed on the 'Rows' shelf, highlighted with a blue pill.
- Filters:** The 'Filters' shelf is empty.
- Marks:** The 'Marks' shelf is set to 'Automatic'. The 'Color', 'Size', and 'Text' marks are available for selection.
- View:** The view displays a list of sub-categories, each followed by the text 'Abc'.

Sub-Category
Accessories
Appliances
Art
Binders
Bookcases
Chairs
Copiers
Envelopes
Fasteners
Furnishings
Labels
Machines
Paper
Phones
Storage
Supplies
Tables

EXAMPLE 2 HIGHLIGHT TABLES WITHOUT USING SHOW ME

Step 2: Drag and drop **Profit** on **Text** on the **Marks** card



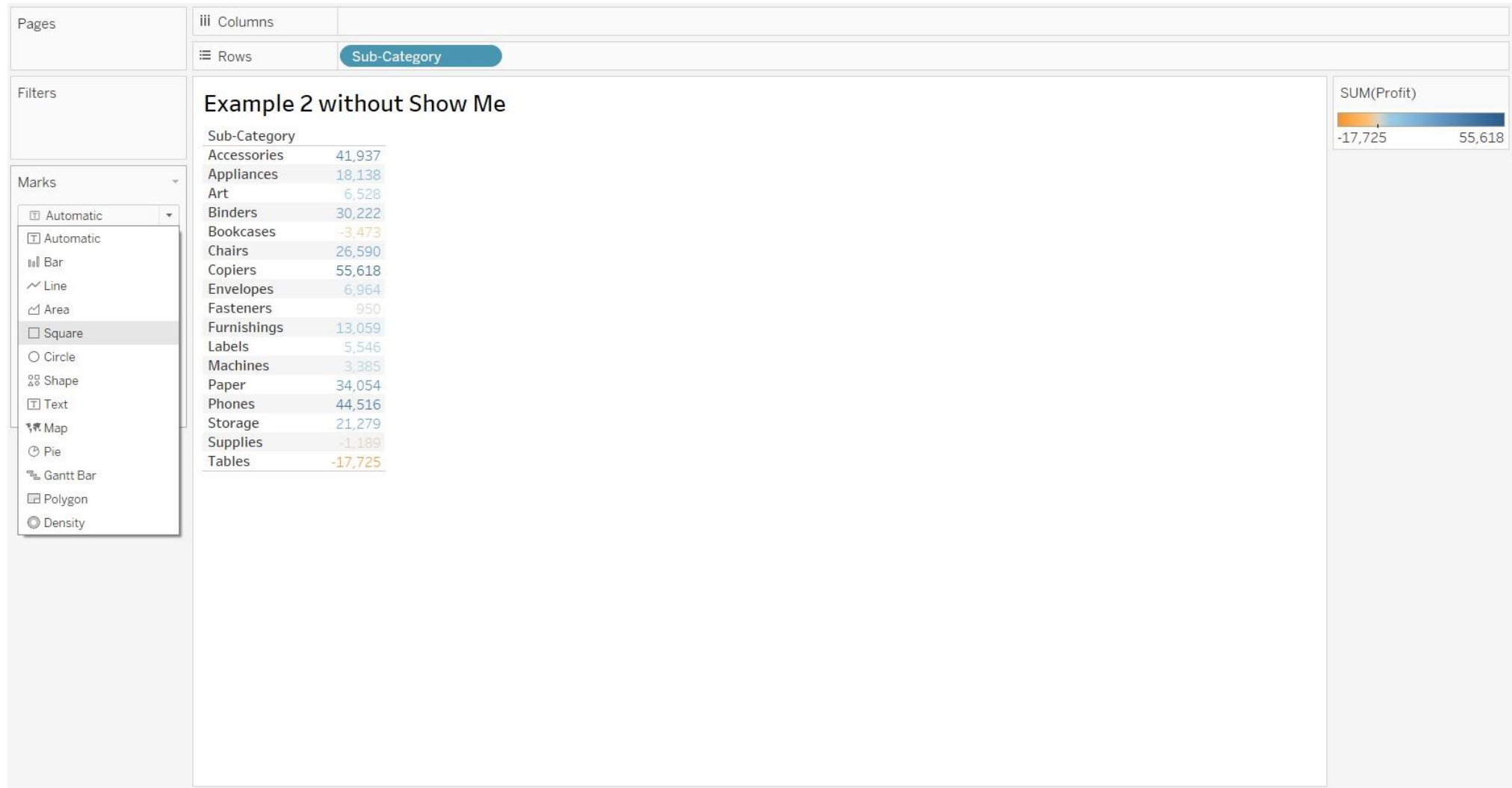
EXAMPLE 2 HIGHLIGHT TABLES WITHOUT USING SHOW ME

Step 3: Hold the Ctrl key (Command key on a Mac) and drop the **Profit** on **Color** on the **Marks** card



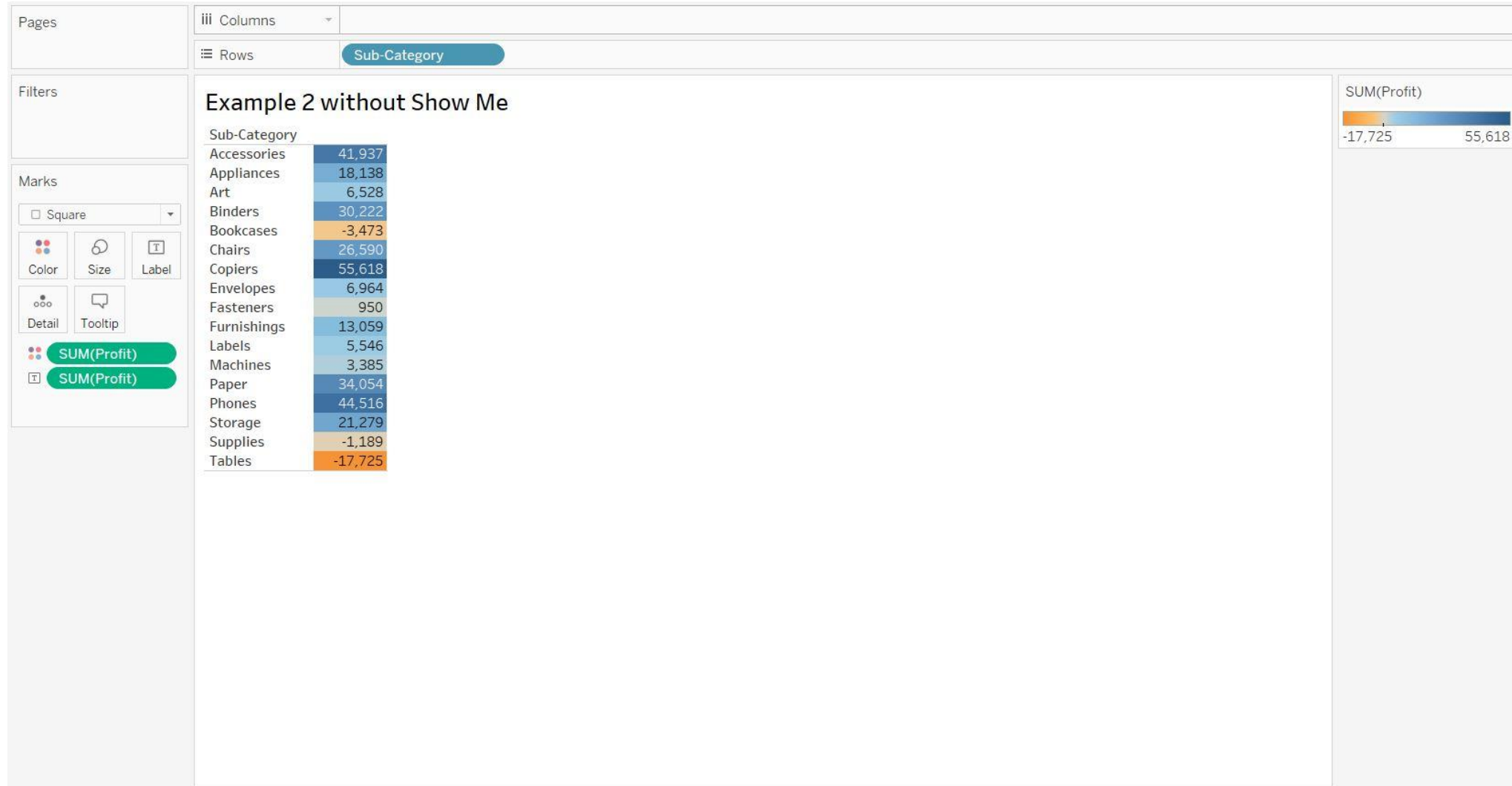
EXAMPLE 2 HIGHLIGHT TABLES WITHOUT USING SHOW ME

Step 4: On the **Marks** card, click the Mark Type drop-down and select **Square** from the list



EXAMPLE 2 HIGHLIGHT TABLES WITHOUT USING SHOW ME

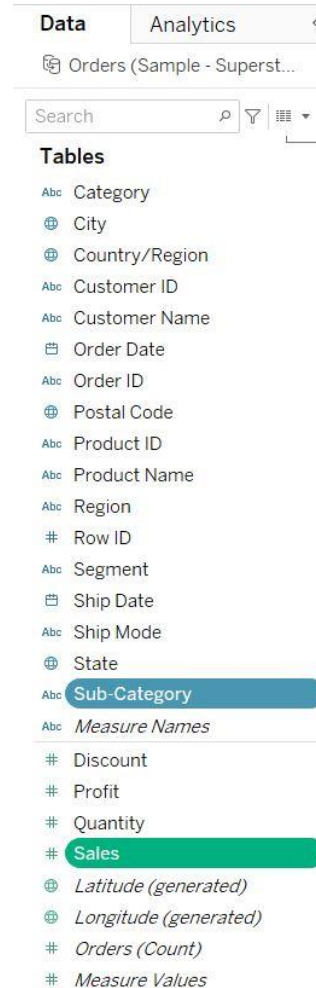
Step 5: We have recreated the **highlight table** manually



EXAMPLE 3 TREE MAPS USING SHOW ME

Step 1: Select the **Sub-Category** in the **Data** pane

Hold the Ctrl key (Command key on a Mac) and select the **Sales** in the **Data** pane



EXAMPLE 3 TREE MAPS USING SHOW ME

Step 2: Click **Show Me** on the toolbar and then select **Tree Maps** (1st Visual in the 4th row)

The screenshot displays the Tableau interface with the 'Show Me' panel open on the right. The main workspace is titled 'Example 3 Using Show Me' and contains two empty drop zones labeled 'Drop field here'. The left sidebar shows the 'Data' pane with 'Orders (Sample - Superst...)' selected. The 'Tables' list includes 'Category', 'City', 'Country/Region', 'Customer ID', 'Customer Name', 'Order Date', 'Order ID', 'Postal Code', 'Product ID', 'Product Name', 'Region', 'Row ID', 'Segment', 'Ship Date', 'Ship Mode', 'State', 'Sub-Category', 'Measure Names', 'Discount', 'Profit', 'Quantity', 'Sales', 'Latitude (generated)', 'Longitude (generated)', 'Orders (Count)', and 'Measure Values'. The 'Marks' card is set to 'Automatic'. The 'Show Me' panel on the right shows a grid of visual types. The 'Tree Maps' visual, located in the 4th row and 1st column, is highlighted with an orange border. Below the grid, there is a section for 'treemaps try' with two buttons: '1 or more Dimensions' and '1 or 2 Measures'.

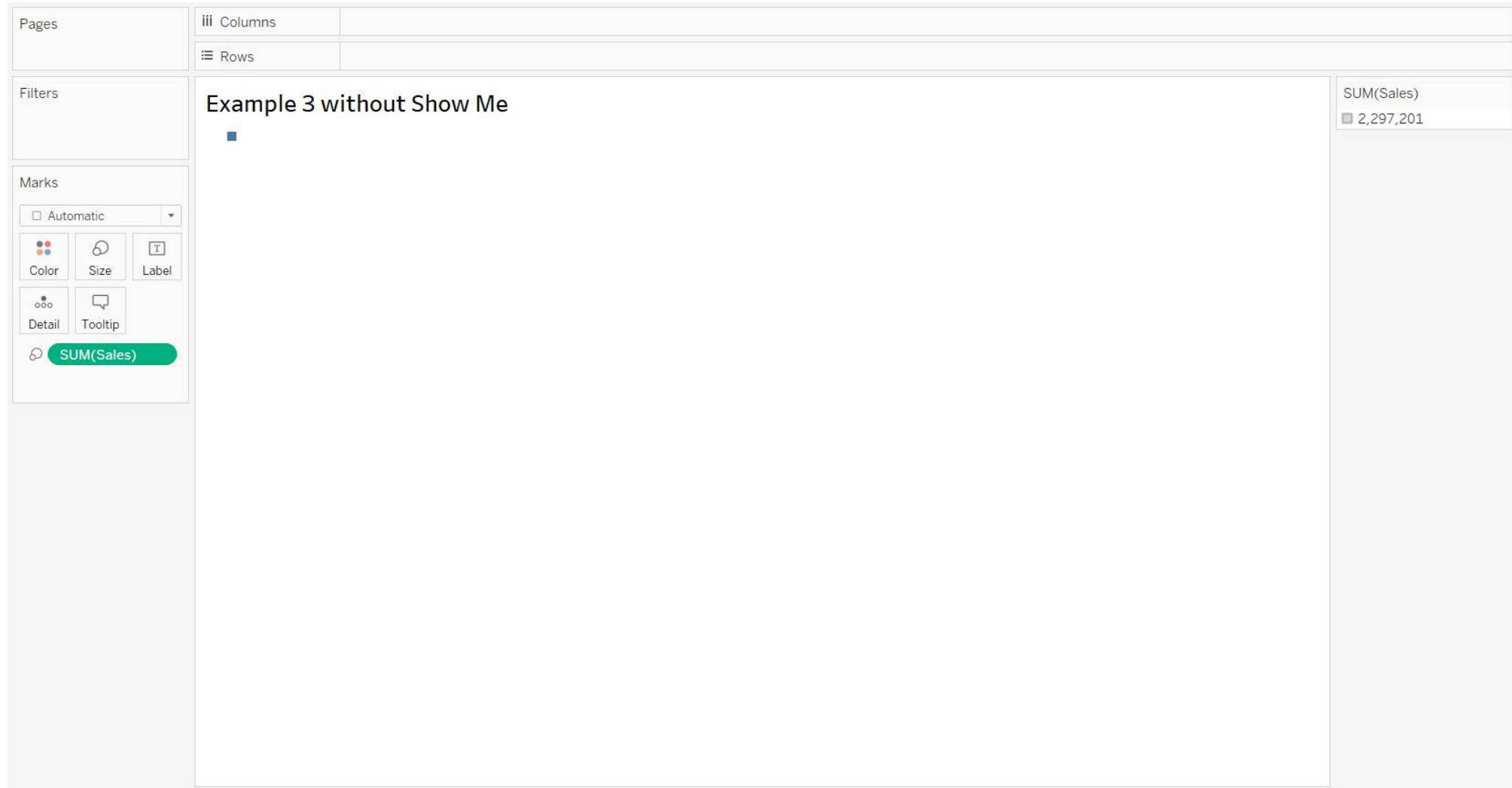
EXAMPLE 3 TREE MAPS USING SHOW ME

Step 3: This creates a **Tree Map** of Sub-Categories with Sales values
Let us make note of the fields present in the Marks card



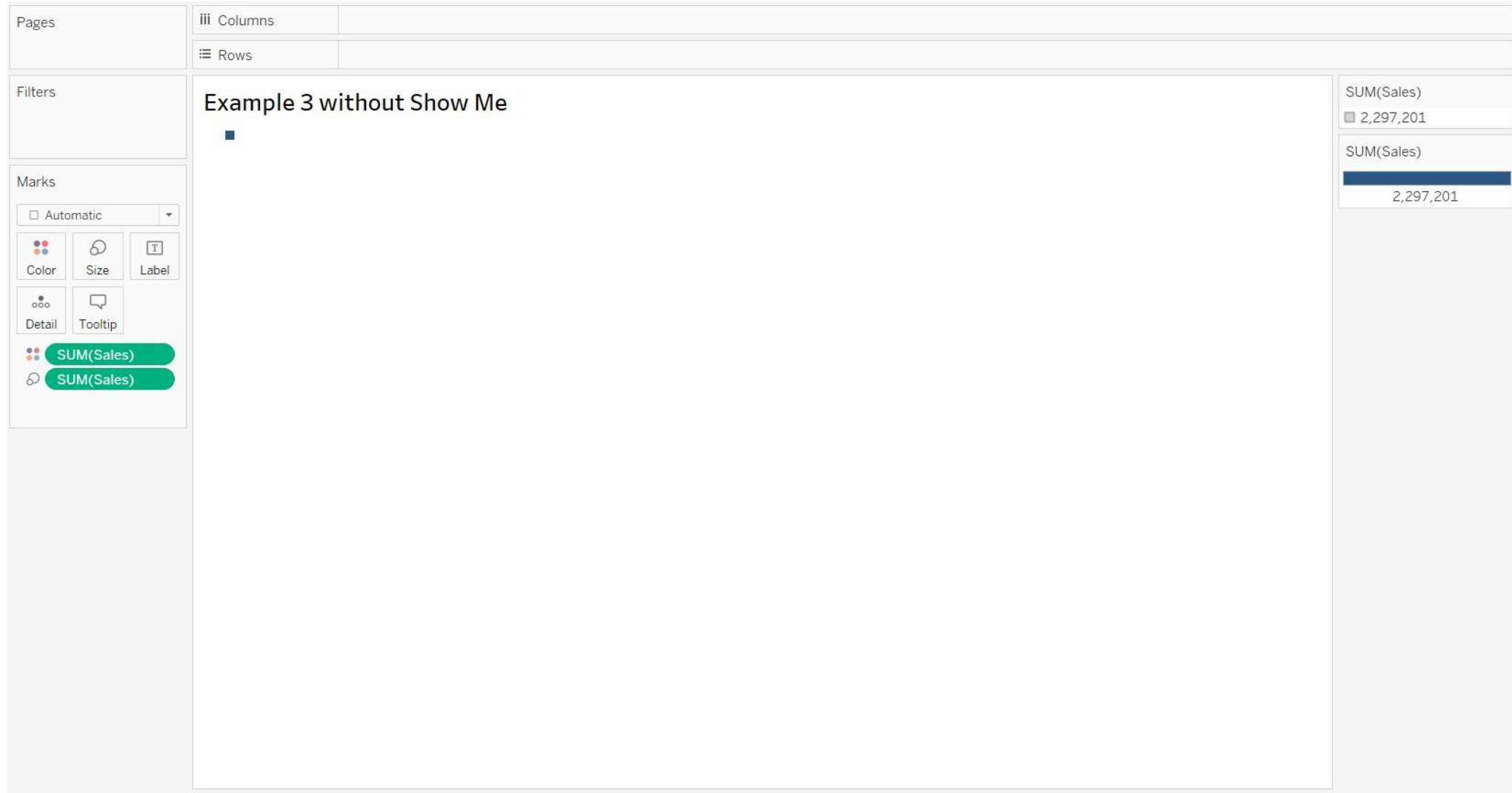
EXAMPLE 3 TREE MAPS WITHOUT USING SHOW ME

Step 1: Drag and drop **Sales** on **Size** on the **Marks** card



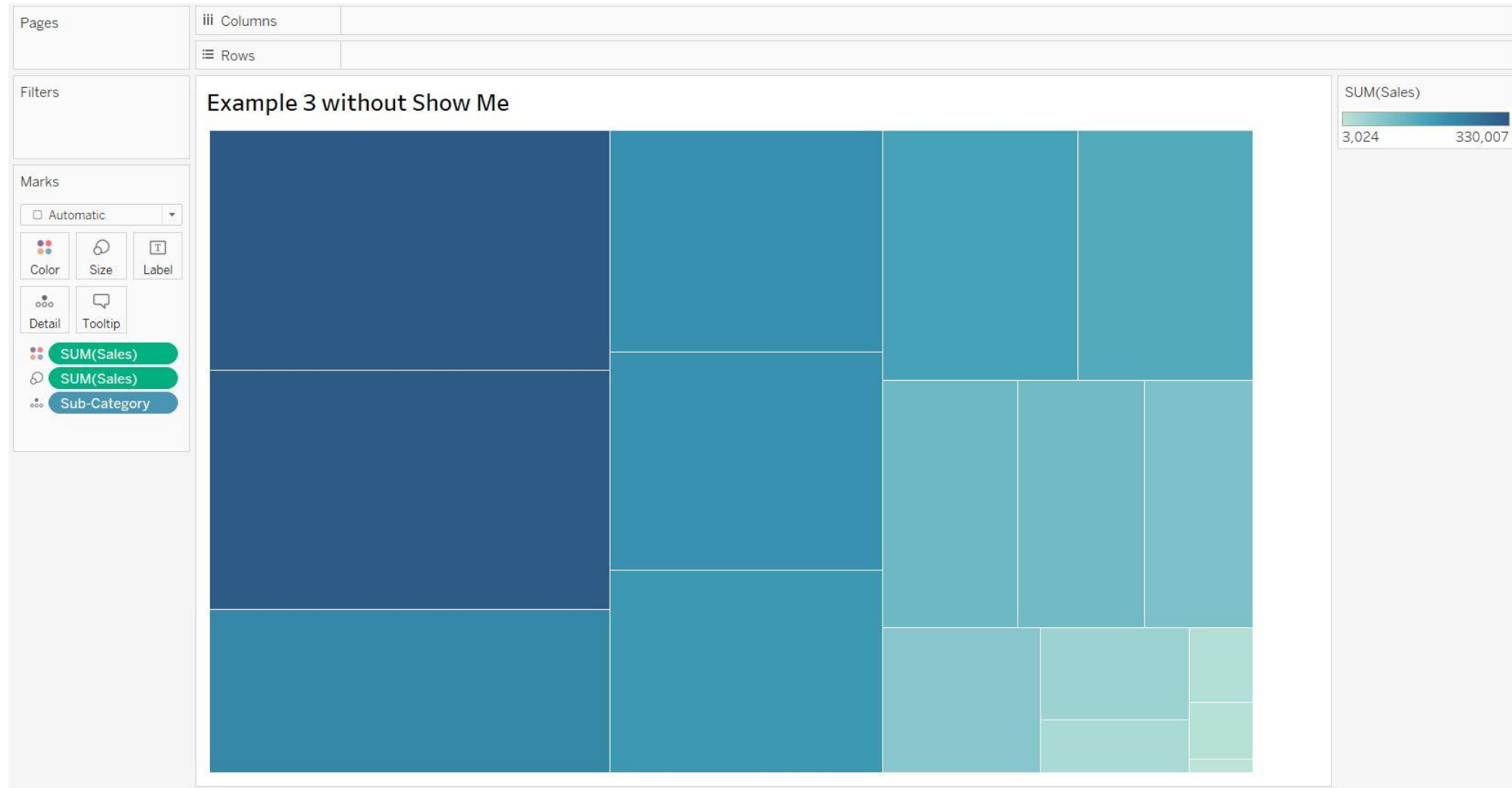
EXAMPLE 3 TREE MAPS WITHOUT USING SHOW ME

Step 2: Hold the Ctrl key (Command key on a Mac) and drop the **Sales** on **Color** on the **Marks** card



EXAMPLE 3 TREE MAPS WITHOUT USING SHOW ME

Step 3: Drag and drop **Sub-Category** on **Detail** on the **Marks** card



EXAMPLE 3 TREE MAPS WITHOUT USING SHOW ME

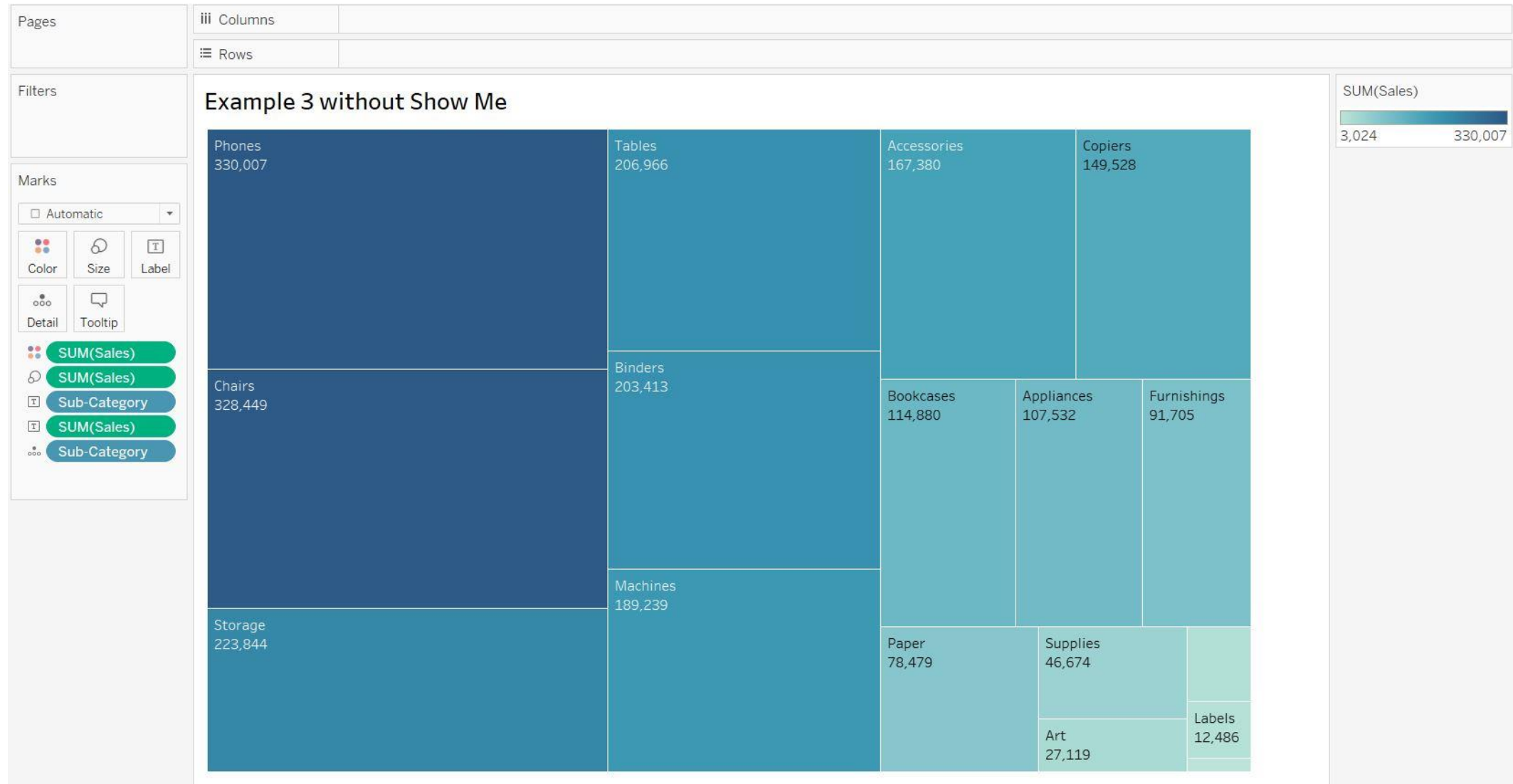
Step 4: Hold the Ctrl key (Command key on a Mac) and drop the **Sub-Category** on **Label** on the **Marks** card



EXAMPLE 3 TREE MAPS WITHOUT USING SHOW ME

Step 5: Drag and drop **Sales** on **Label** on the **Marks** card (if required)

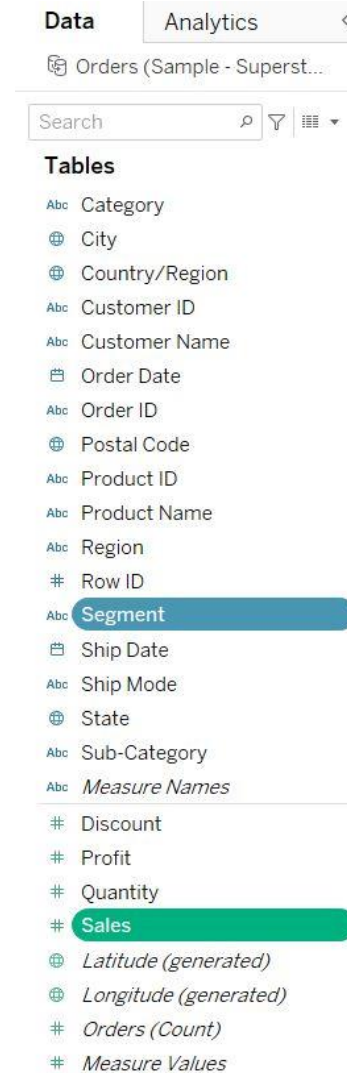
We have recreated the **Tree Map** manually



EXAMPLE 4 PIE CHART USING SHOW ME

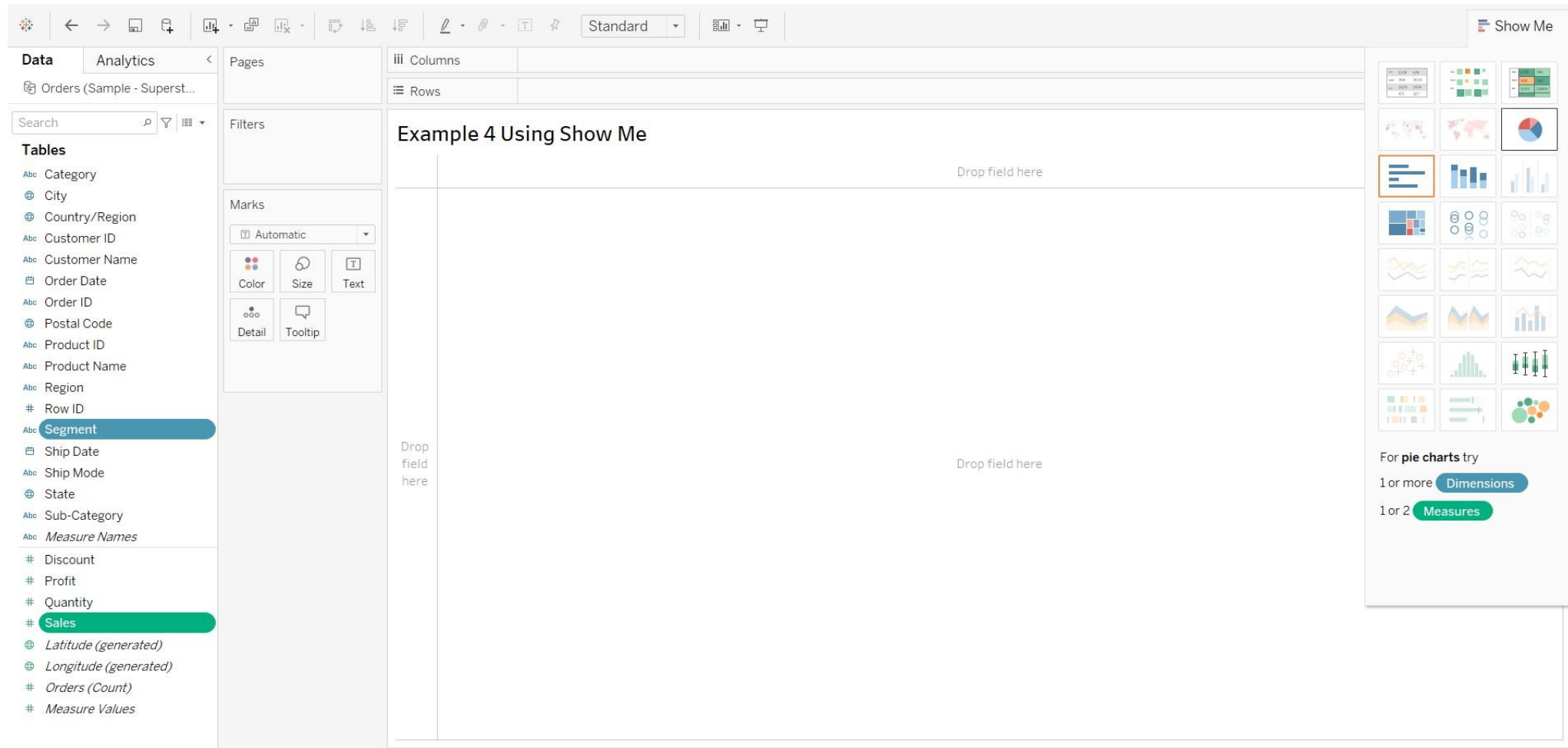
Step 1: Select the **Segment** in the **Data** pane

Hold the Ctrl key (Command key on a Mac) and select the **Sales** in the **Data** pane



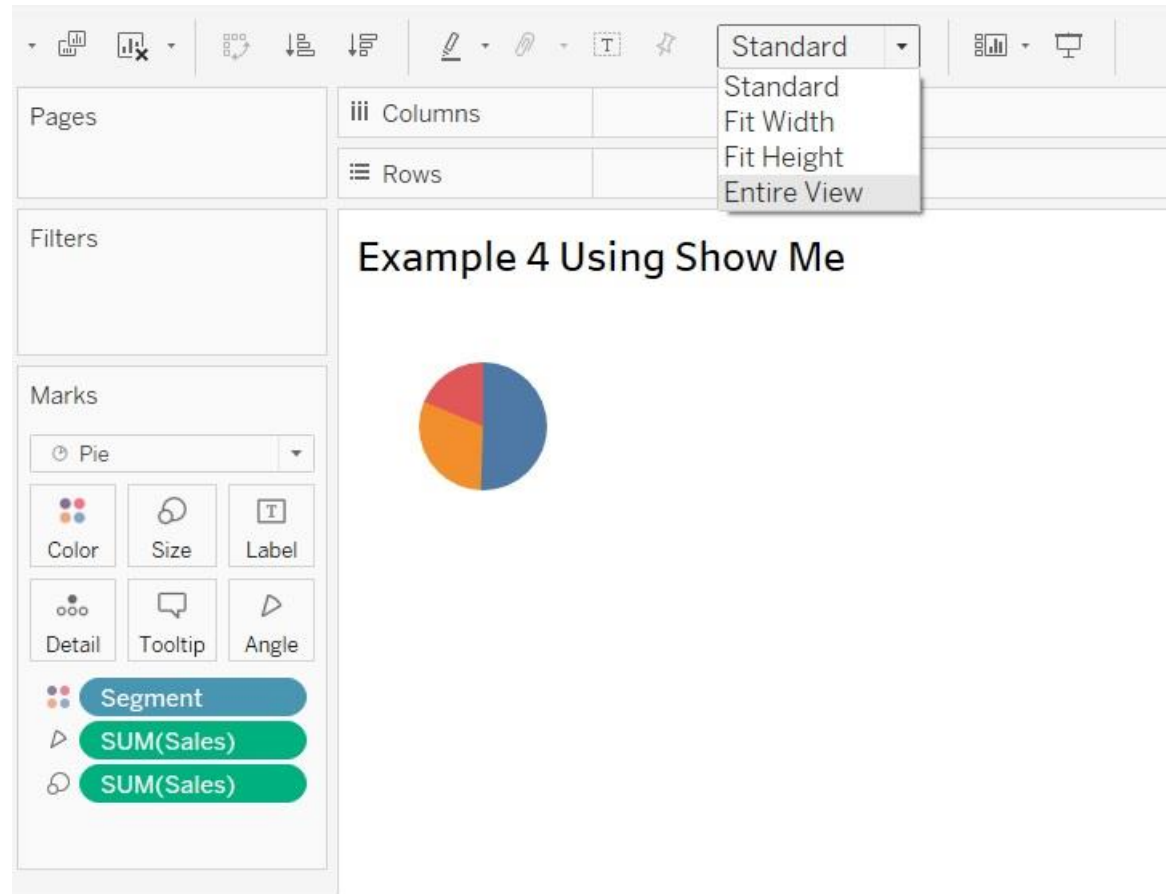
EXAMPLE 4 PIE CHART USING SHOW ME

Step 2: Click **Show Me** on the toolbar and then select **Pie Charts**
(Last Visual in the 2nd row)



EXAMPLE 4 PIE CHART USING SHOW ME

Step 3: Select Entire View

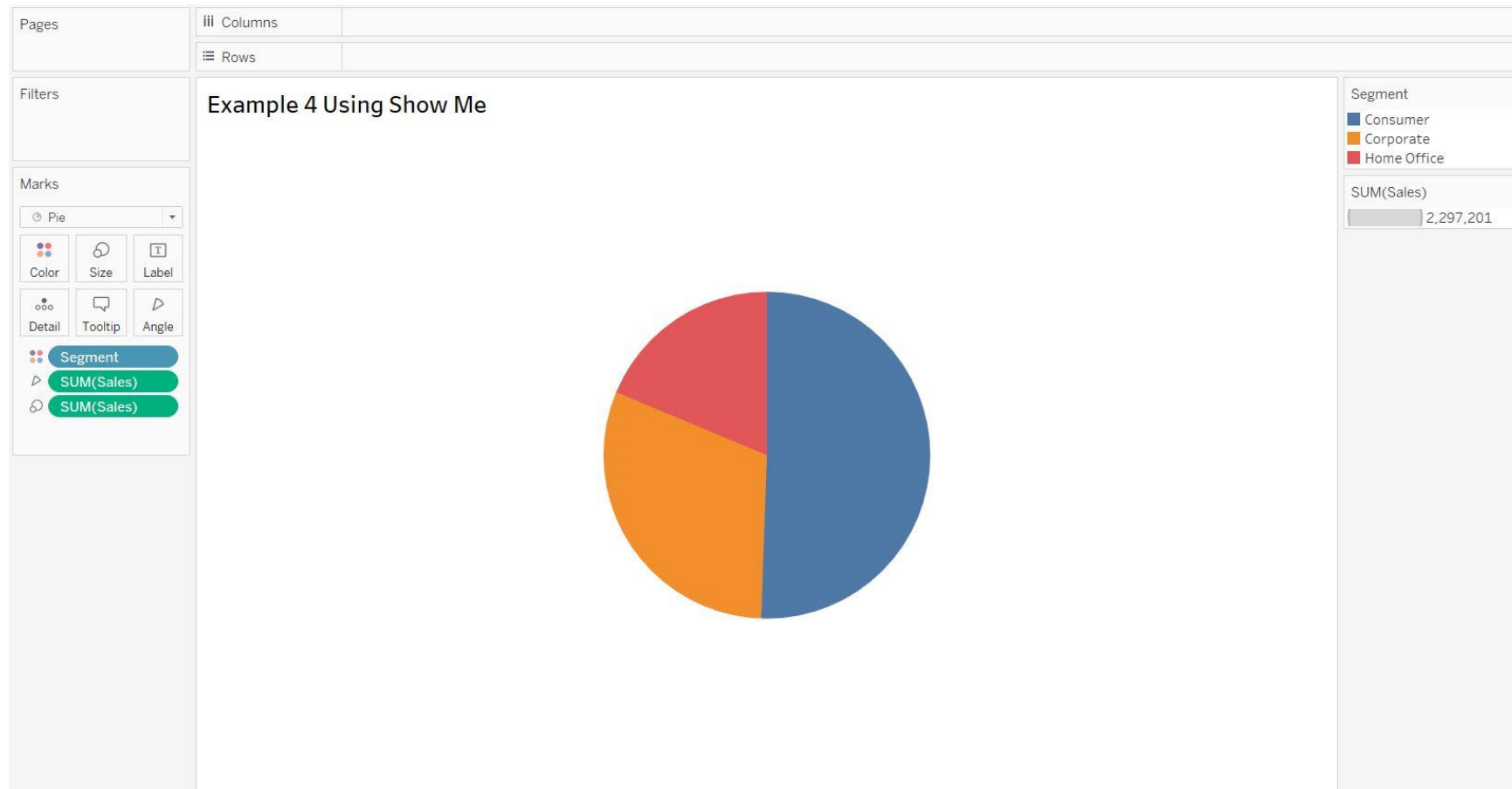


EXAMPLE 4 PIE CHART USING SHOW ME

Step 4: This creates a **Pie Chart** of Segment Wise Sales

Let us make note of the fields present in the Marks card

For our actual requirement we may need to add the Segment and Percent of Total of Sales in the Label of Marks card



EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 1: On the **Marks** card, click the Mark Type drop-down and select **Pie** from the list

The screenshot displays the Tableau interface. On the left, the 'Marks' card is active, and its dropdown menu is open, showing various mark types. 'Pie' is highlighted. The main view area is titled 'Example 4 without Show Me' and contains three empty drop zones labeled 'Drop field here'.

Pages	Columns	Rows

Filters

Marks

- Automatic
- Automatic
- Bar
- Line
- Area
- Square
- Circle
- Shape
- Text
- Map
- Pie**
- Gantt Bar
- Polygon
- Density

Example 4 without Show Me

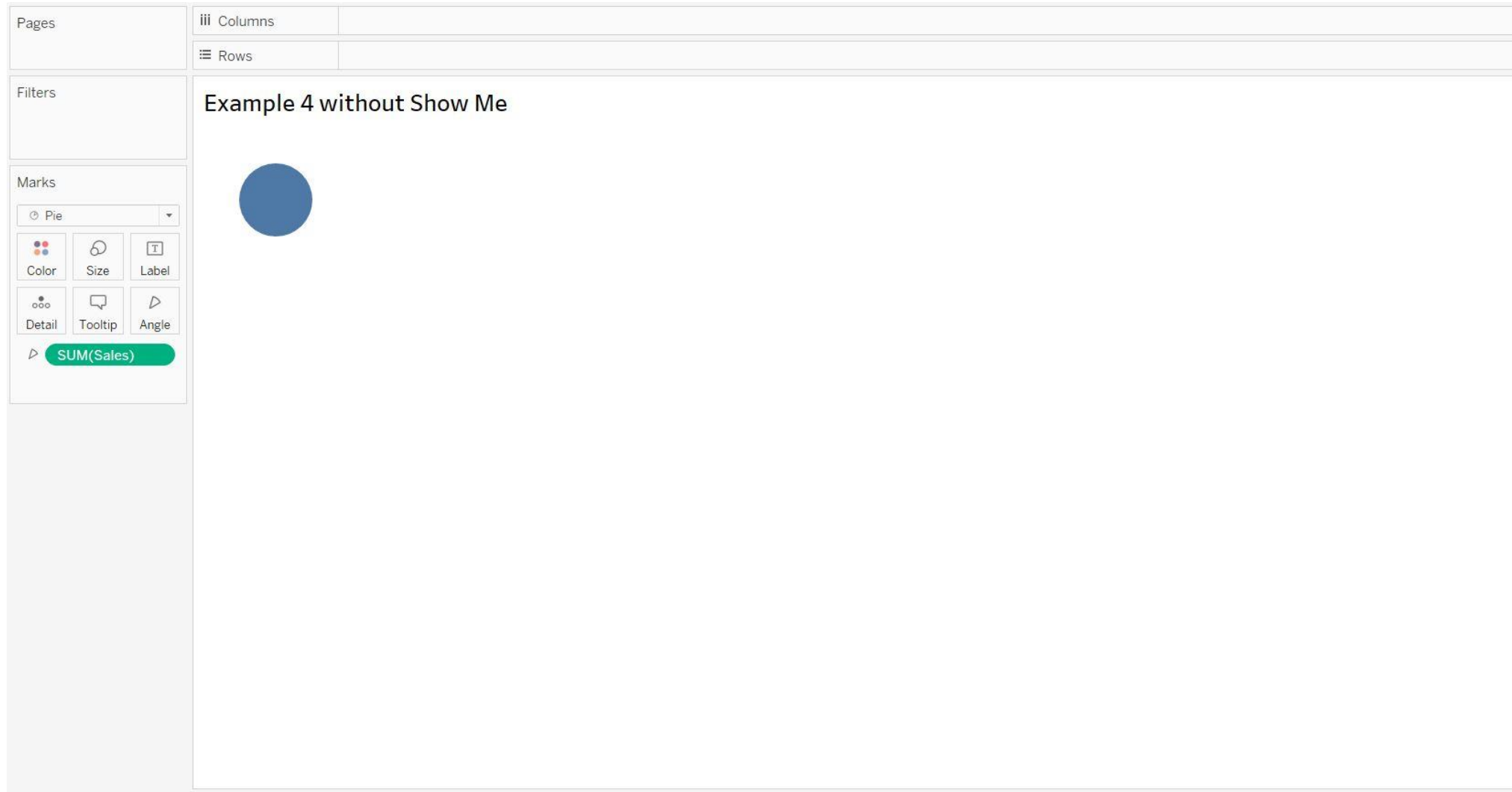
Drop field here

Drop field here

Drop field here

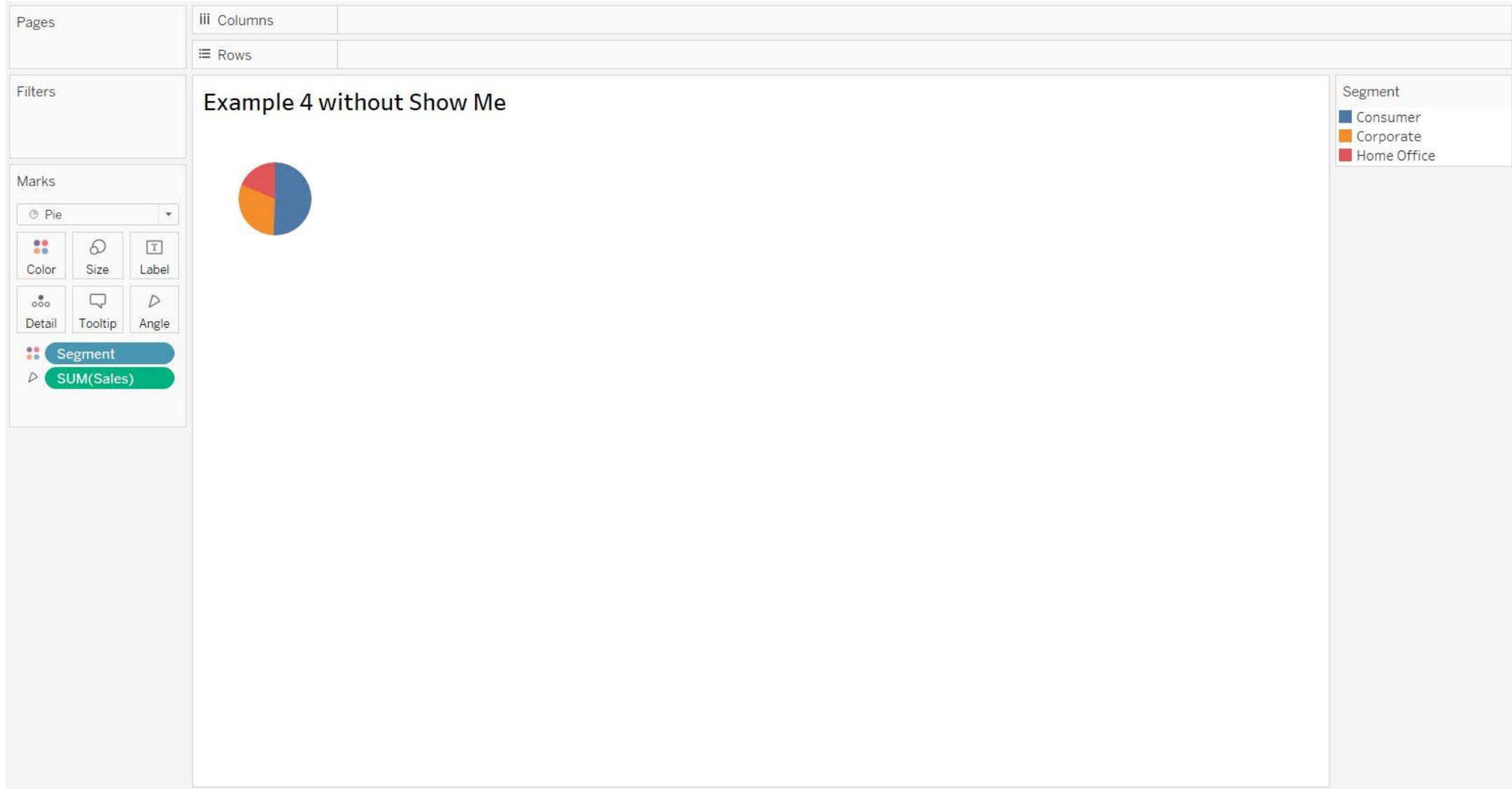
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 2: Drag and drop **Sales** on **Angle** on the **Marks** card



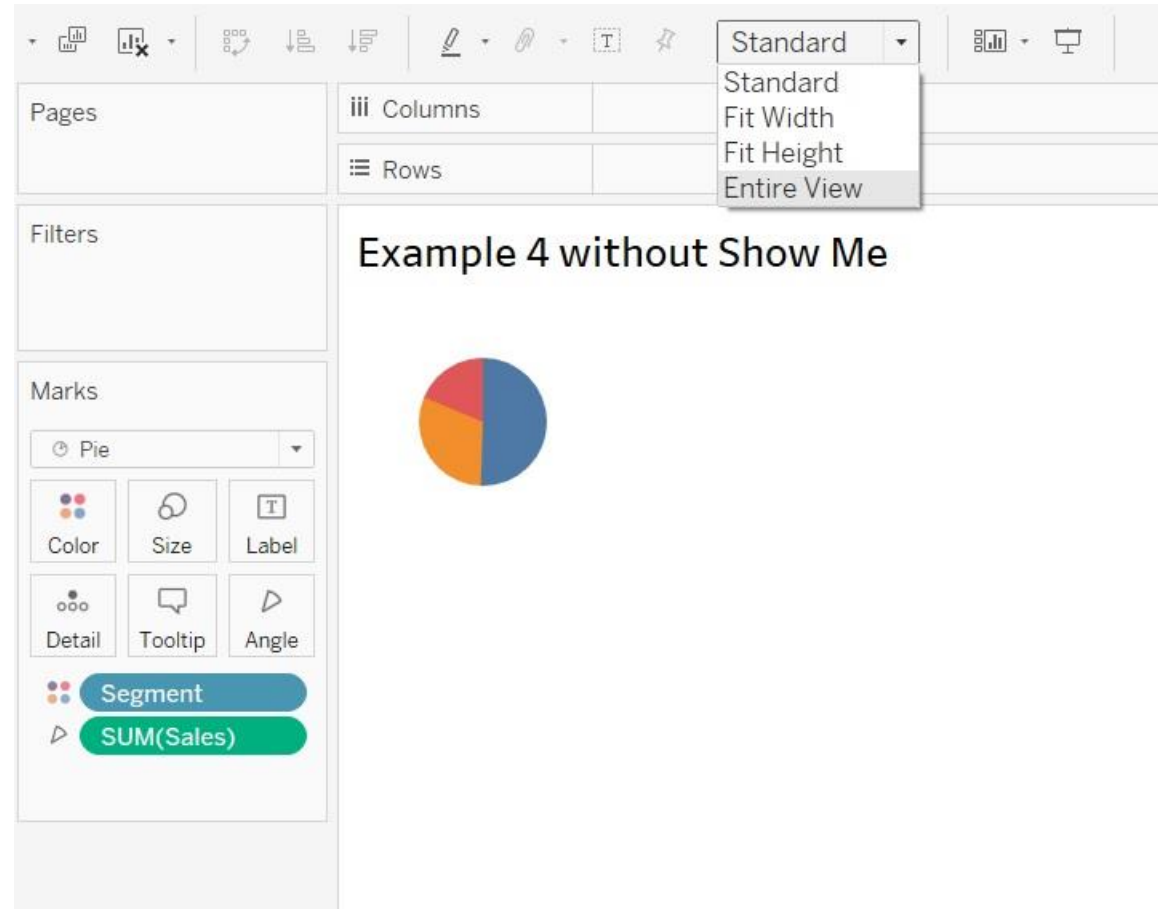
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 3: Drag and drop **Segment** on **Color** on the **Marks** card



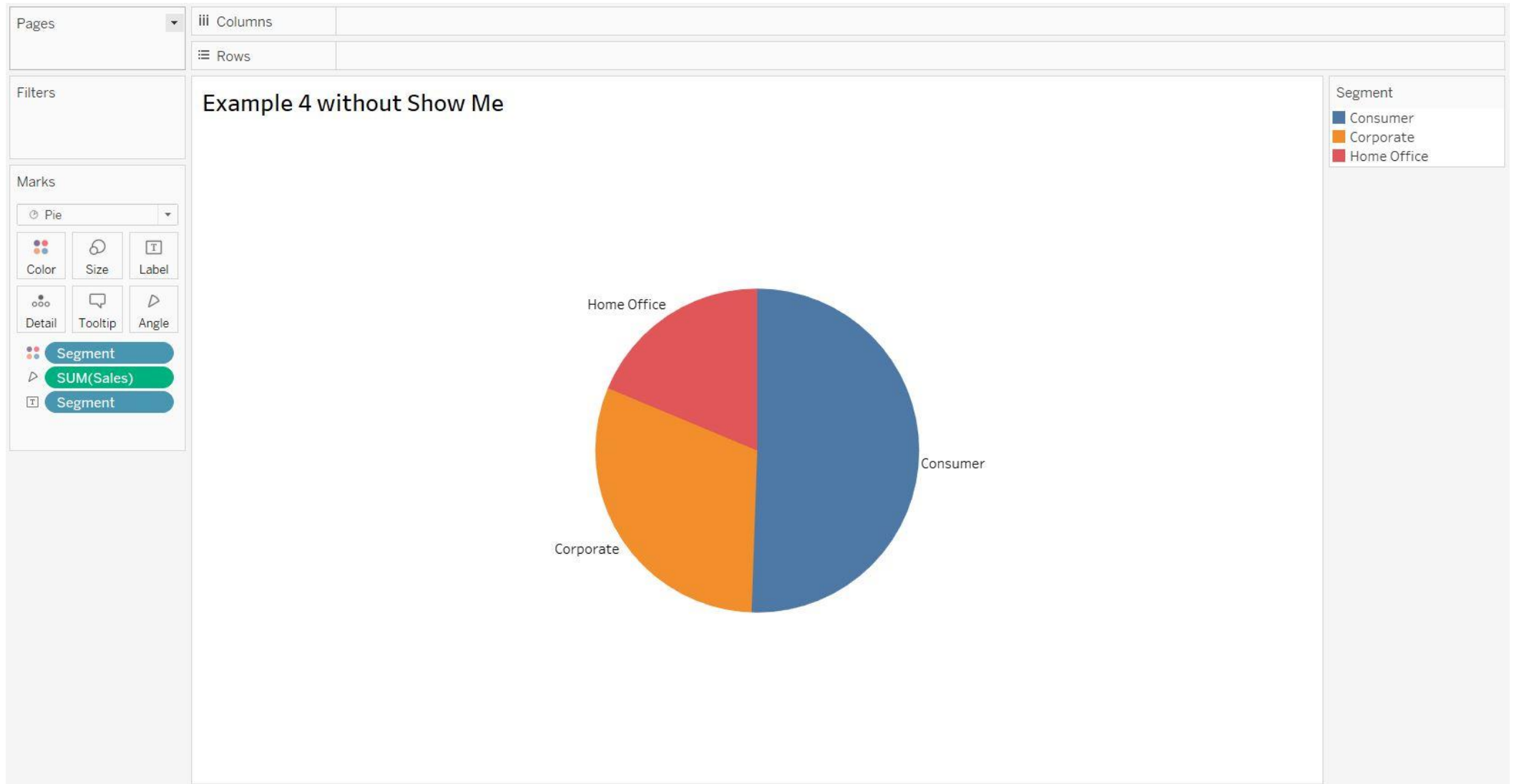
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 4: Select Entire View



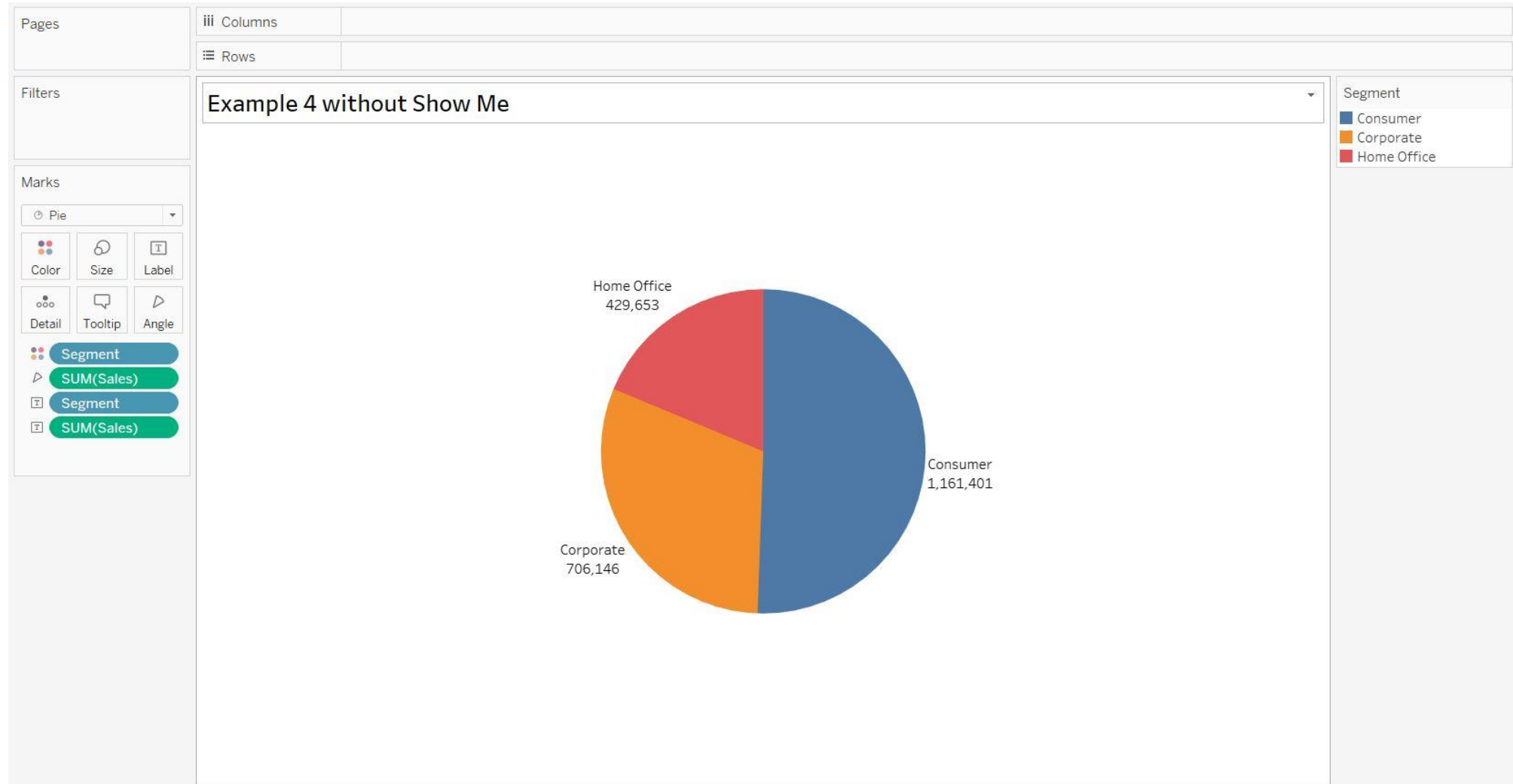
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 5: Hold the Ctrl key (Command key on a Mac) and drop the **Segment** on **Label** on the **Marks** card



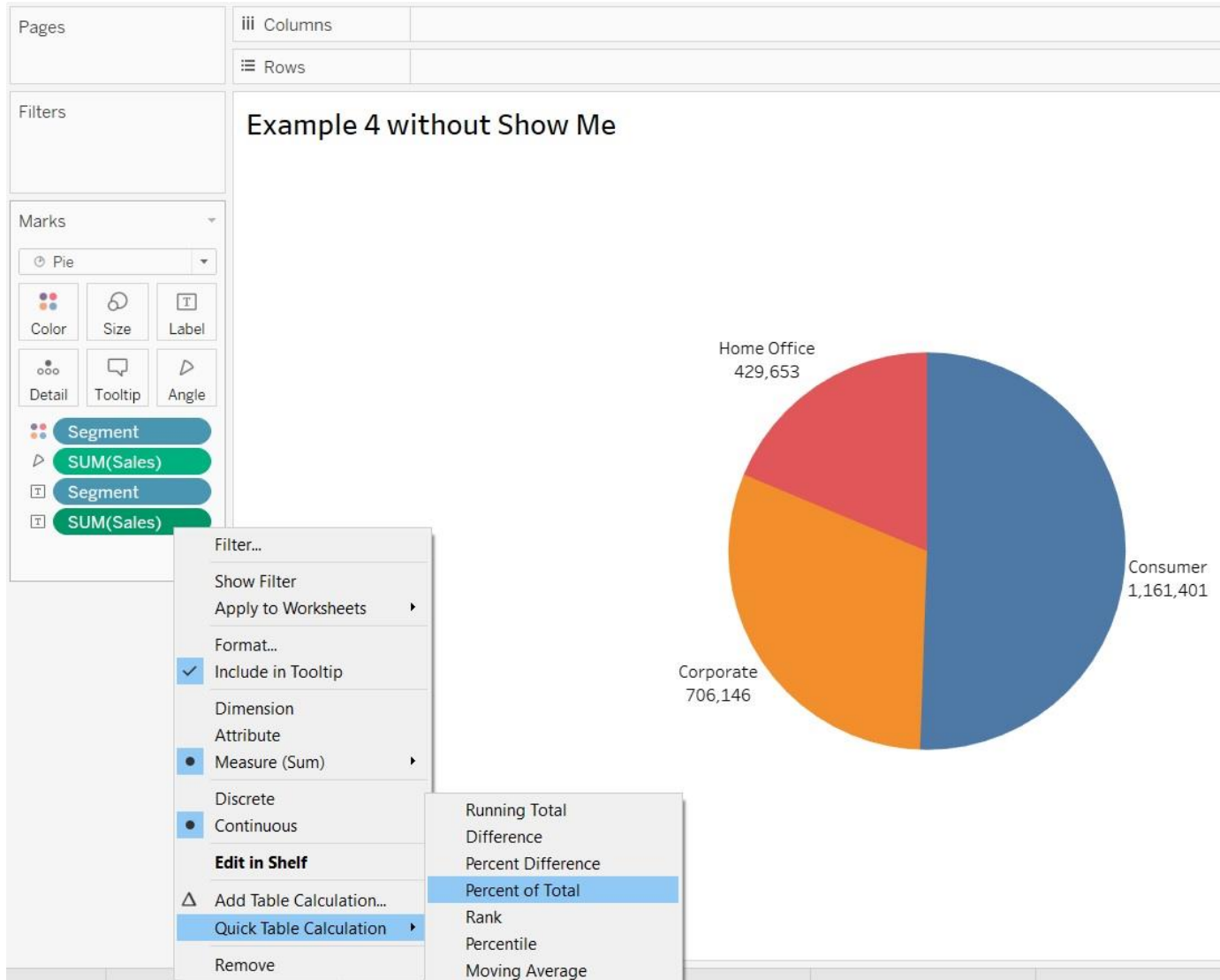
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 6: Hold the Ctrl key (Command key on a Mac) and drop the **Sales** on **Label** on the **Marks** card



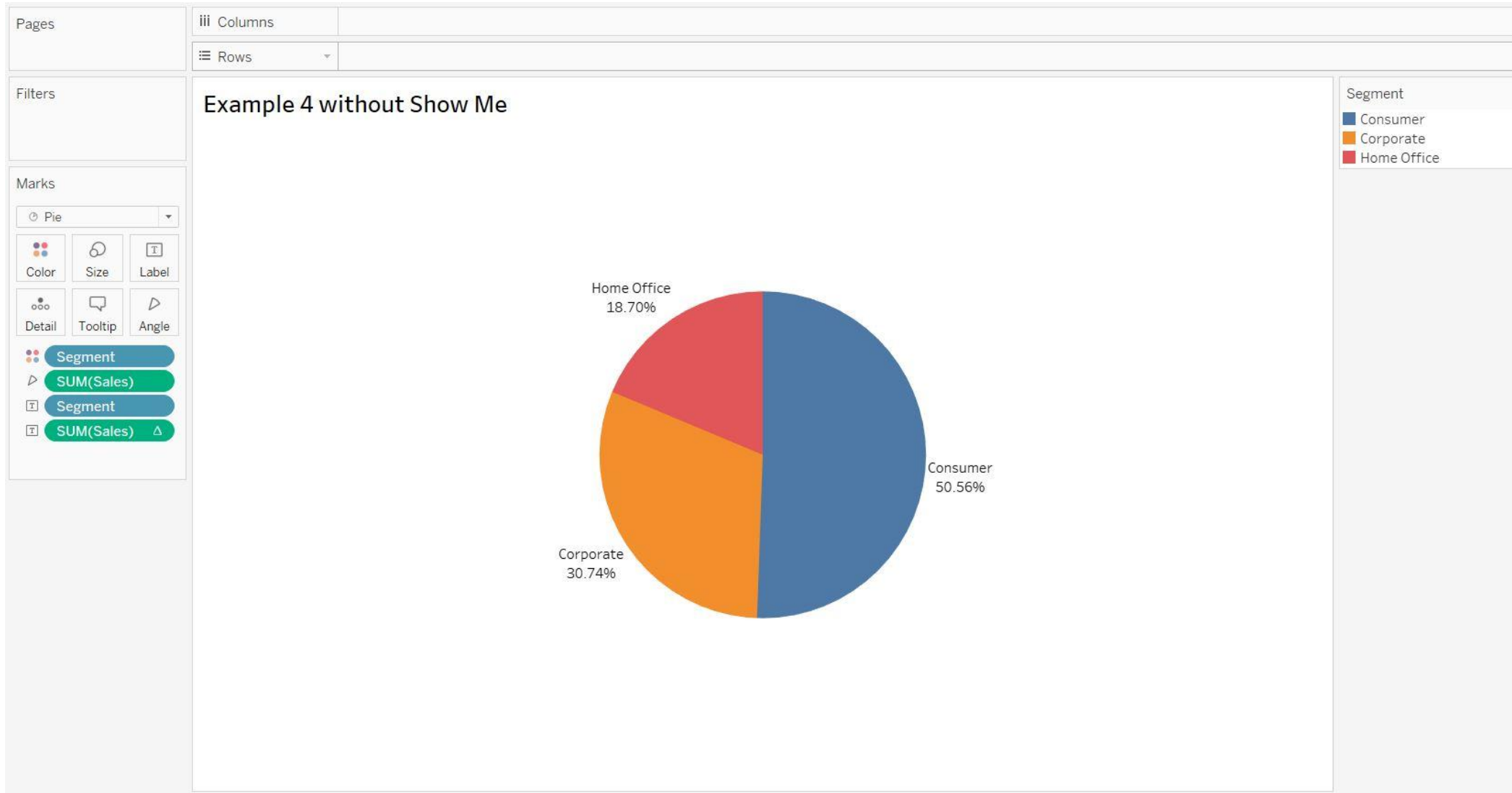
EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

Step 7: Right-click Sales, Quick Table Calculation > Percent of Total



EXAMPLE 4 PIE CHARTS WITHOUT USING SHOW ME

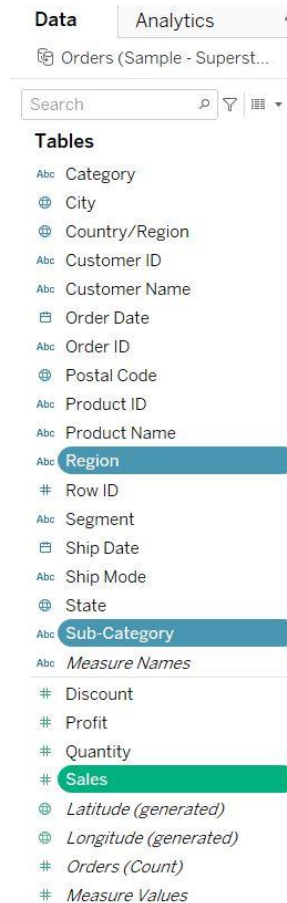
Step 8: We have recreated the **Pie Chart** manually



EXAMPLE 5 BOX PLOT USING SHOW ME

Step 1: Select the **Region** in the **Data** pane

Hold the Ctrl key (Command key on a Mac) and select the **Sub-Category** & **Sales** in the **Data** pane



EXAMPLE 5 BOX PLOT USING SHOW ME

Step 2: Click **Show Me** on the toolbar and then select **box-and-whisker plots** (Last Visual in the 7th row)

The screenshot displays the Tableau interface. On the left, the 'Data' pane shows a list of fields under 'Tables'. The 'Region' field is highlighted in blue, and the 'Sales' field is highlighted in green. The 'Marks' card is set to 'Automatic'. The 'Columns' and 'Rows' shelves are empty. The main view area is titled 'Example 5 Using Show Me' and contains two 'Drop field here' prompts. On the right, the 'Show Me' panel is open, showing a grid of visualization options. The 'Box-and-whisker plots' option is highlighted in the 7th row, 3rd column. Below the grid, a message states: 'For box-and-whisker plots try 0 or more Dimensions 1 or more Measures Use at least 1 dimension or disaggregate'.

Data | Analytics | Pages | Columns | Rows

Orders (Sample - Superst...)

Search

Tables

- Category
- City
- Country/Region
- Customer ID
- Customer Name
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region**
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category**
- Measure Names
- Discount
- Profit
- Quantity
- Sales**
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Marks

Automatic

Color Size Text

Detail Tooltip

Example 5 Using Show Me

Drop field here

Drop field here

Show Me

For box-and-whisker plots try

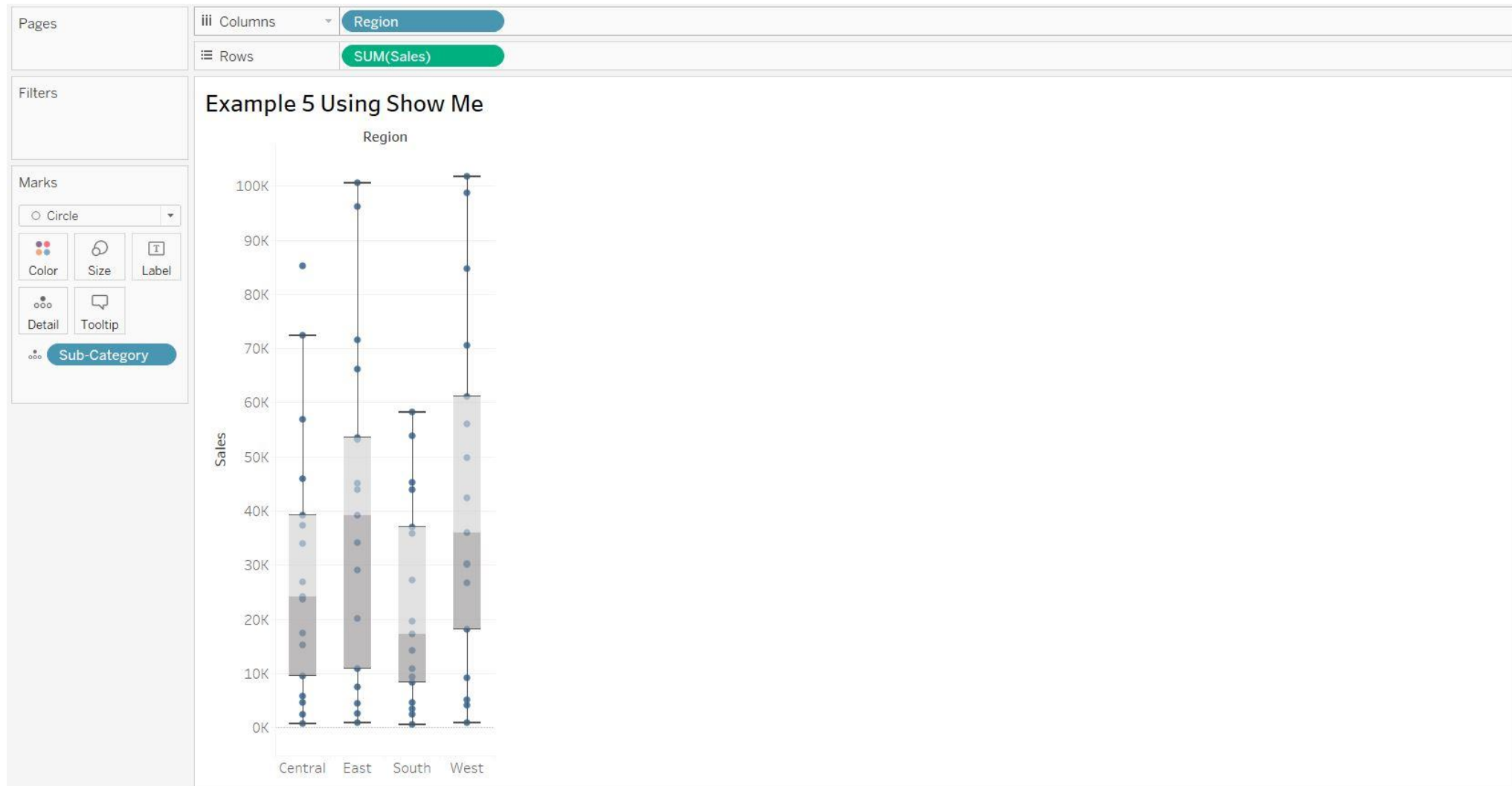
0 or more **Dimensions**

1 or more **Measures**

Use at least 1 dimension or disaggregate

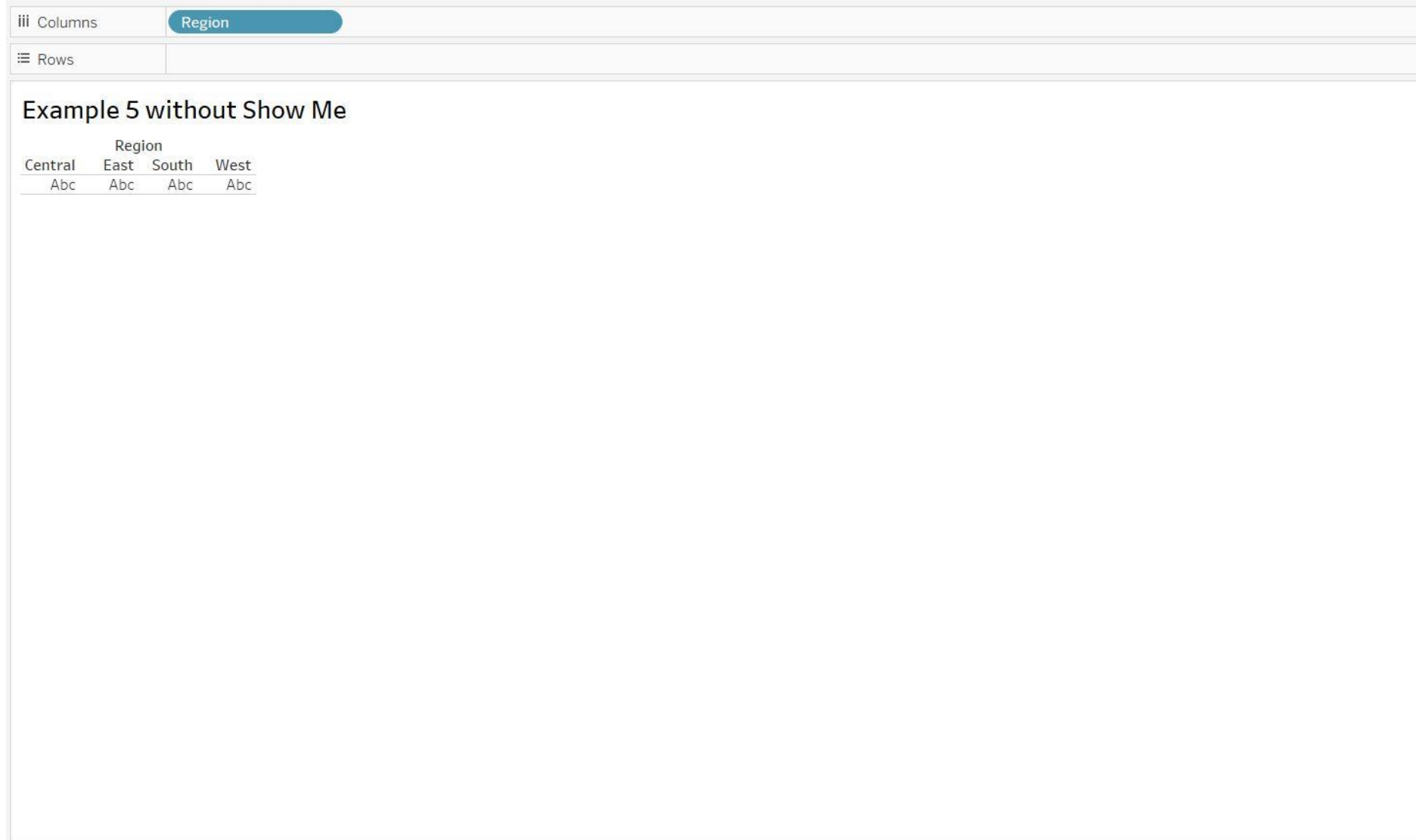
EXAMPLE 5 BOX PLOT USING SHOW ME

Step 3: This creates a **Box plot** of Region wise Sub-Category sales distribution
Let us make note of the fields present in the Marks card and Axis



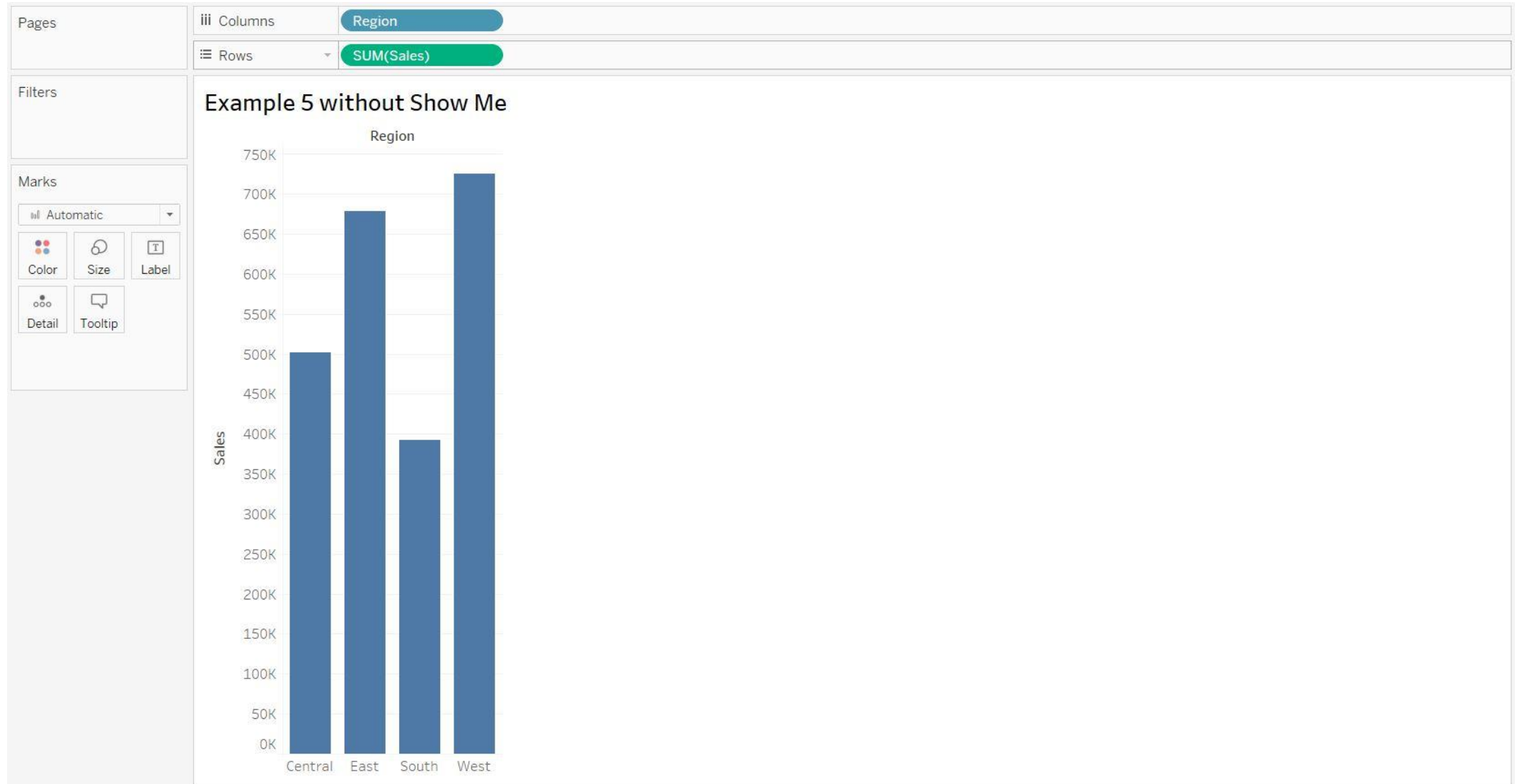
EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 1: Drag and drop **Region** on the **Columns** shelf



EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 2: Drag and drop **Sales** on the **Rows** shelf



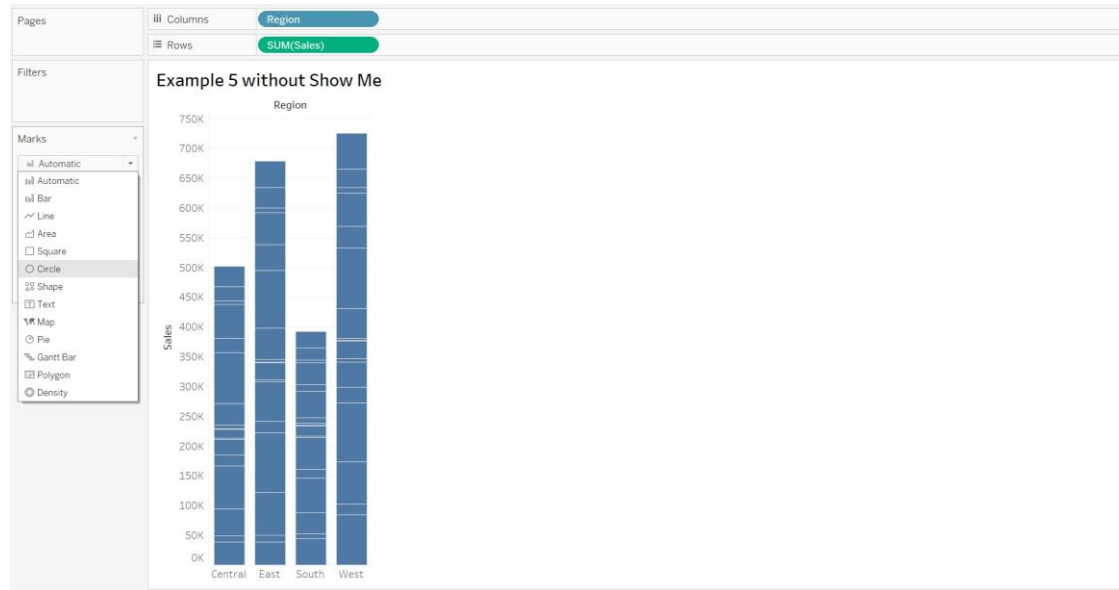
EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 3: Drag and drop **Sub-Category** on **Detail** on the **Marks** card



EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 4: On the **Marks** card, click the Mark Type drop-down and select **Circle** from the list



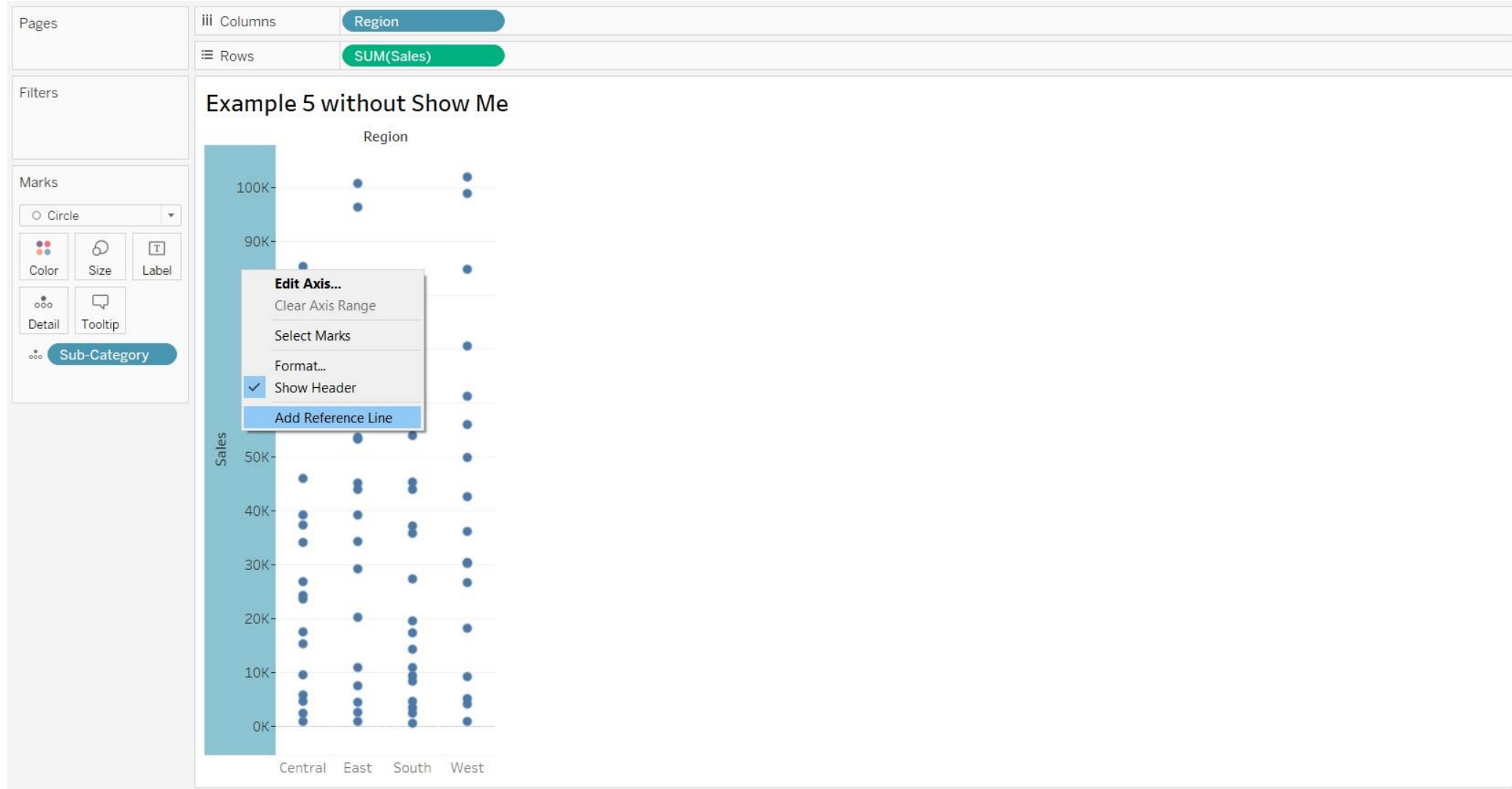
EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 5: On the **Marks** card, click **Size**, and then move the slider to the left for reducing the size of circles



EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME


Step 6: Right-click Sales Axis, Add Reference Line





EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME


Step 7: Select **Box Plot**

Add Reference Line, Band, or Box ×


Line


Band


Distribution


Box Plot


Plot Options

Whiskers extend to: Data within 1.5 times the IQR ▼

☐ Hide underlying marks (except outliers)

Formatting

Style: Modern ▼

Fill:  Light Gray ▼

Border: ▼


Whiskers: ▼


OK


EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME


Step 8: If required change the Fill color

Add Reference Line, Band, or Box ✕


Line


Band


Distribution


Box Plot

Plot Options


Whiskers extend to: Data within 1.5 times the IQR ▼


☐ Hide underlying marks (except outliers)


Formatting

Style: Modern ▼

Fill: Light Gray ▼

Border: 

Whiskers: 

 65%

OK

EXAMPLE 5 BOX PLOTS WITHOUT USING SHOW ME

Step 9: We have recreated the Box Plot manually

