

# AD-HOC CALCULATIONS

There might be some situations when we need to create calculations as we work with a field on a shelf in the view.

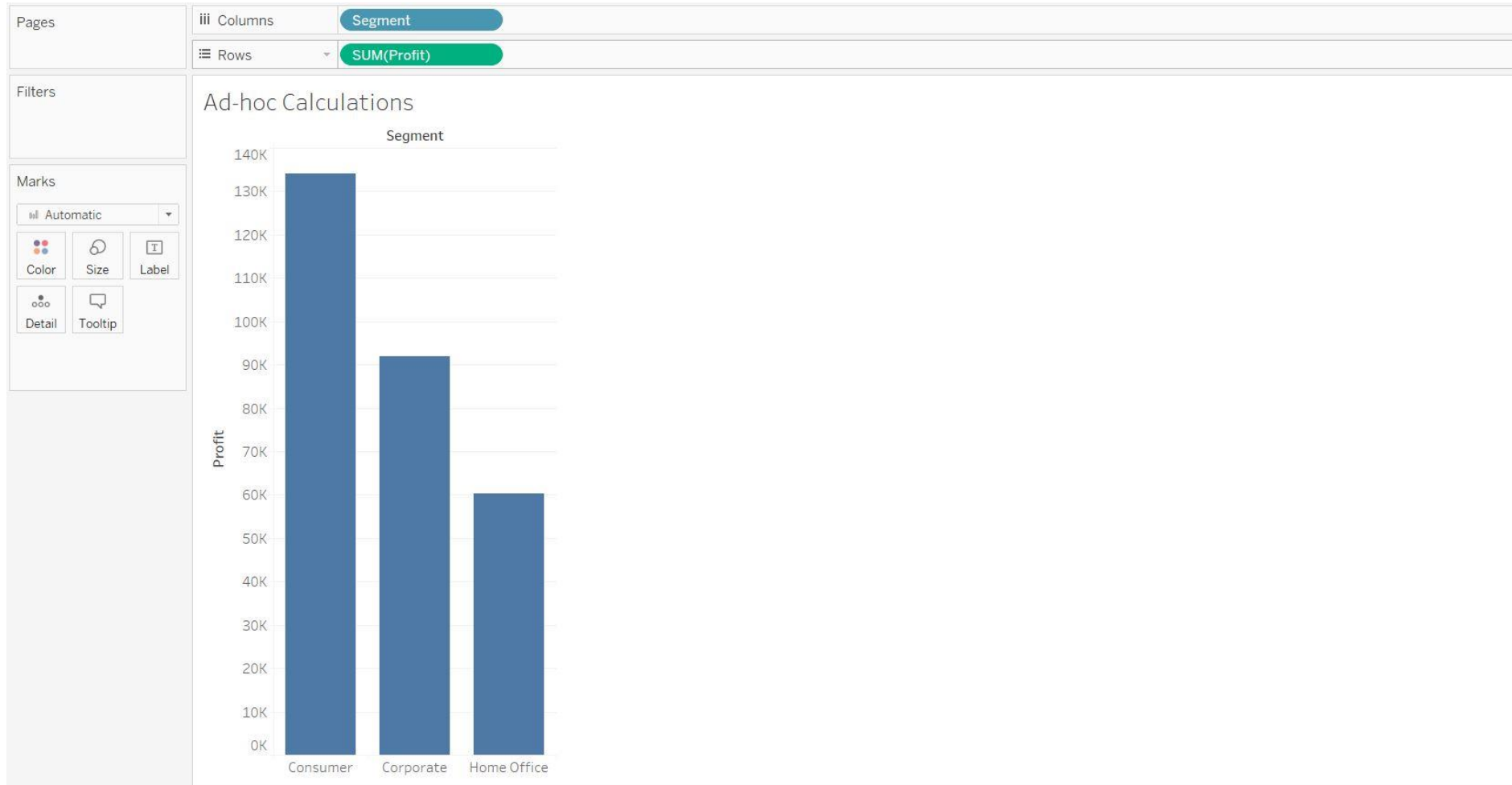
These type of calculations are called **Ad-hoc calculations**.

They are also known as type-in or in-line calculations.

**Ad-hoc calculations** are supported on the **Rows, Columns, Marks, and Measure Values shelves**; they are not supported on the Filters or Pages shelves.

# AD-HOC CALCULATIONS

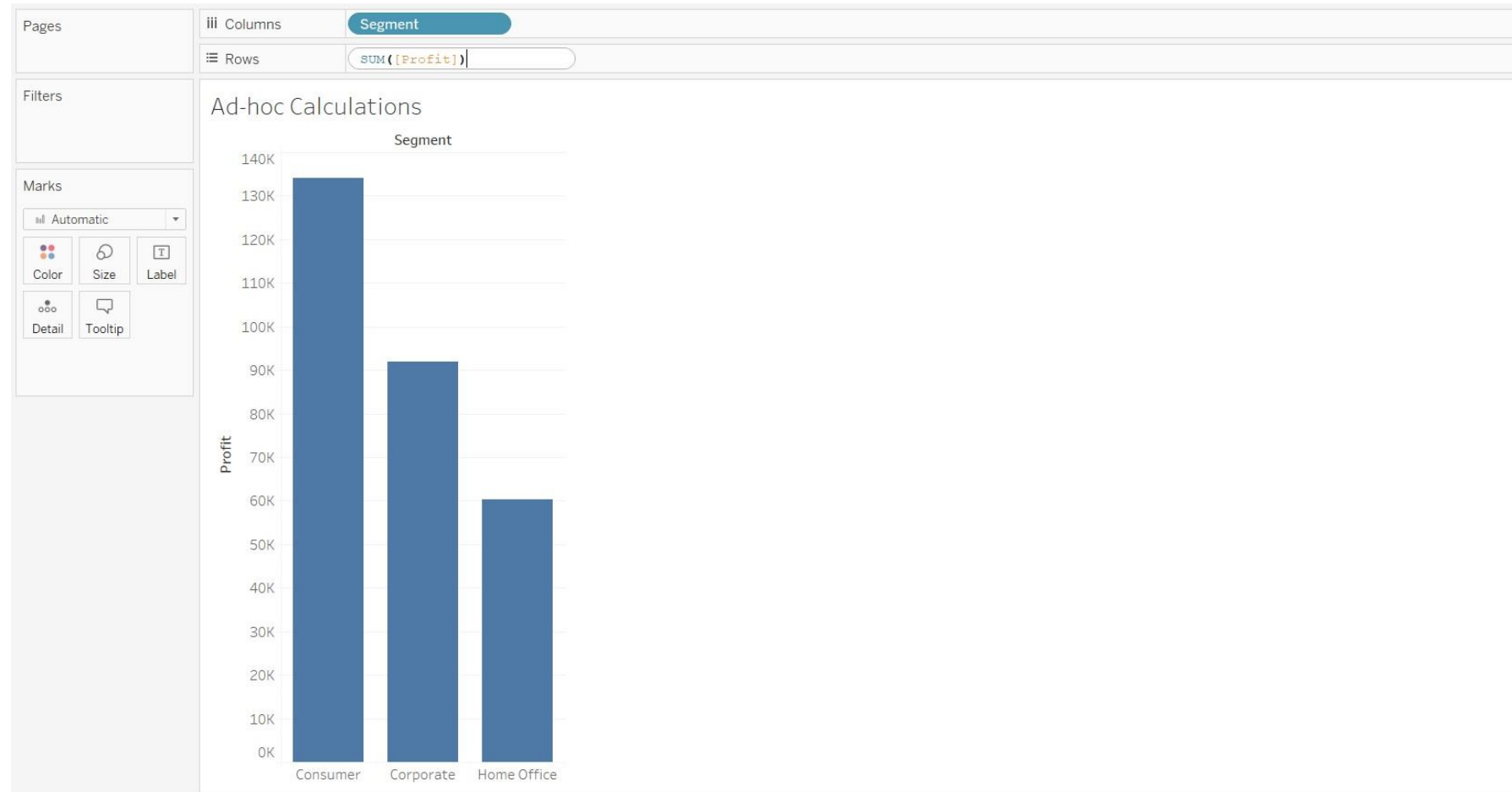
Assume that we have a Viz of **Segment Vs Profit**



# AD-HOC CALCULATIONS

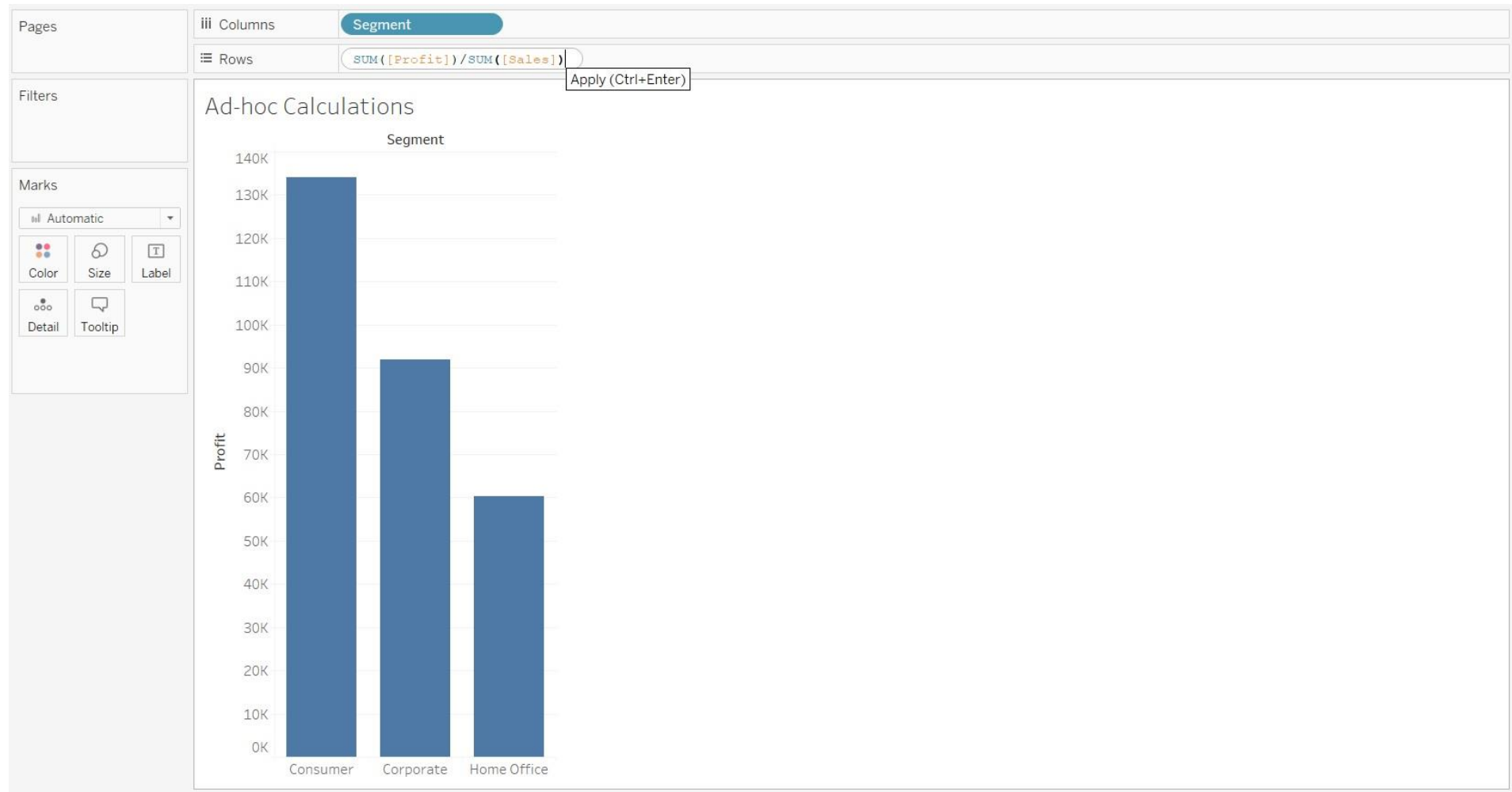
We suddenly realize that we wanted to analyze the **Profit Ratio** and not the actual Profit per Segment

**Double-click** on the existing field i.e., **Profit** to start editing



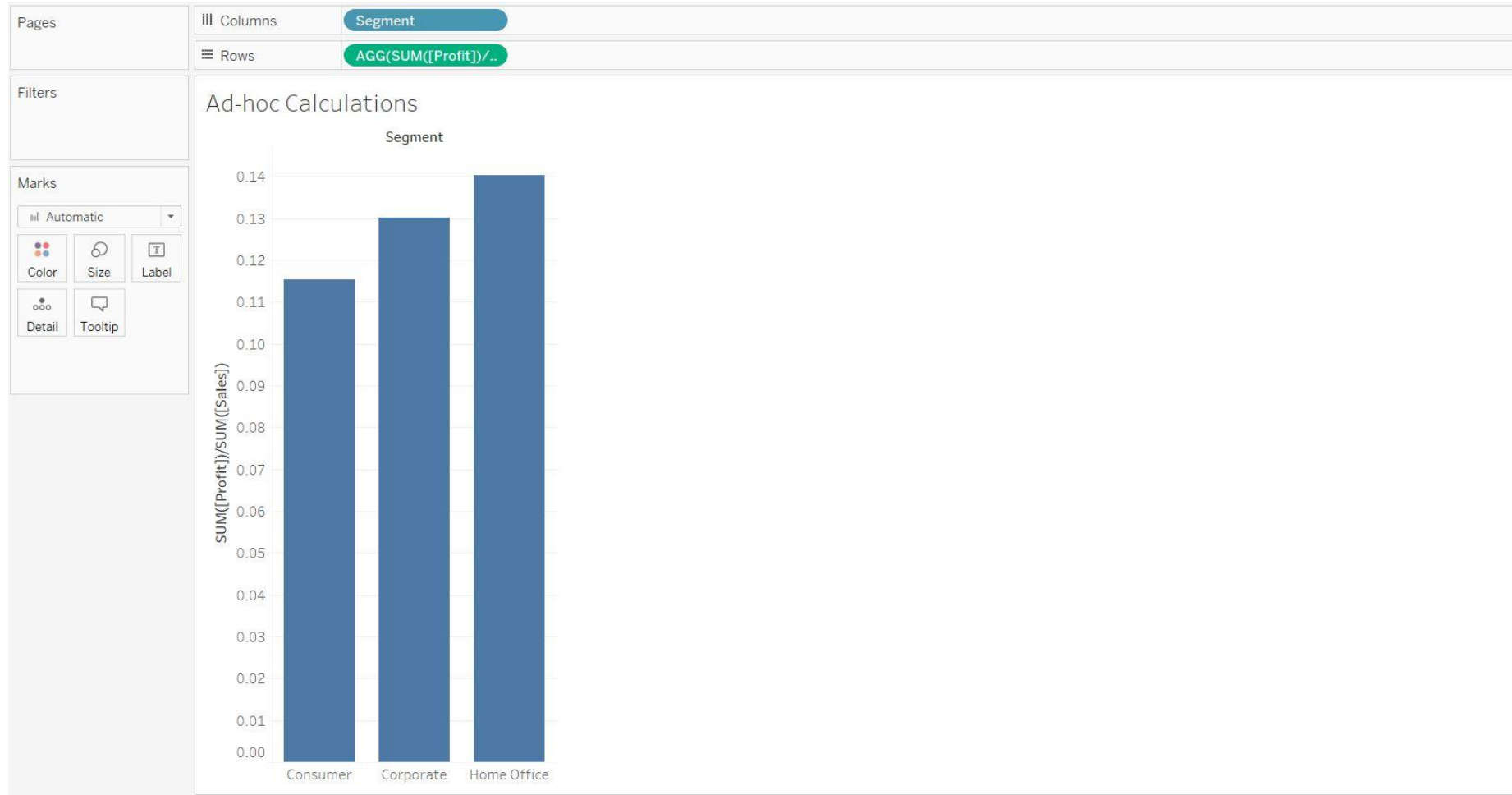
# AD-HOC CALCULATIONS

Type to update the expression, or drag new fields into the expression from the Data pane or elsewhere in the view



# AD-HOC CALCULATIONS

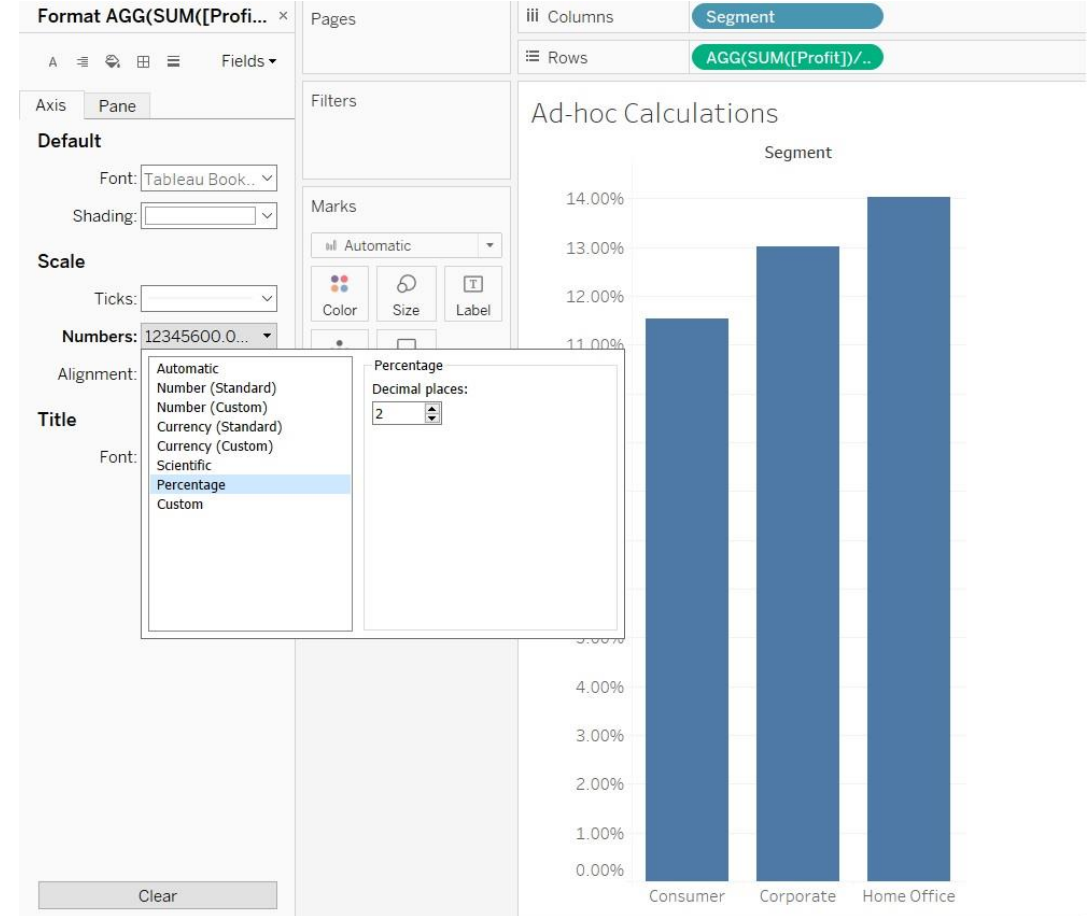
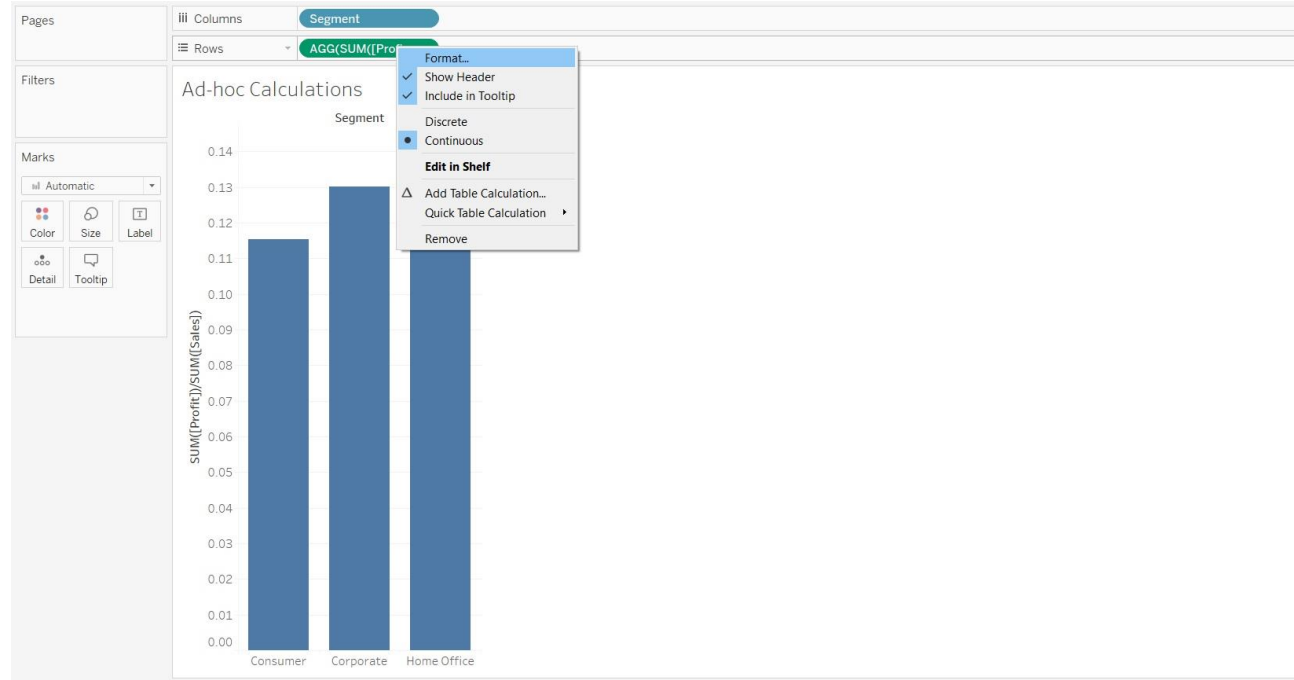
Press Enter, Tab, or click outside the expression to commit the expression, close the calculation, and update the view



# AD-HOC CALCULATIONS

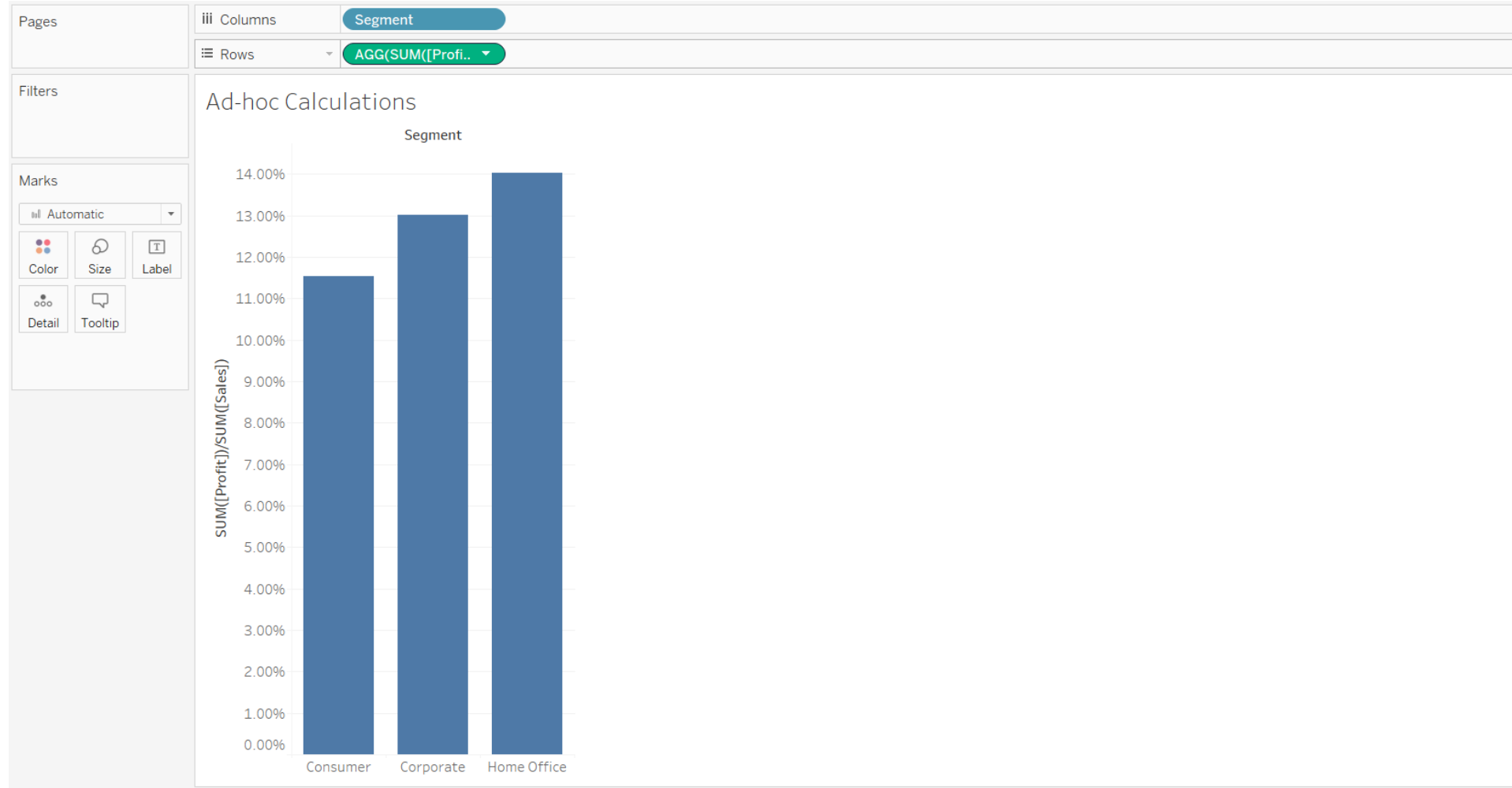
If required, we can change the number format to Percentages

Right-click on field, **Format** > **Format Pane** > **Numbers** > **Percentage**



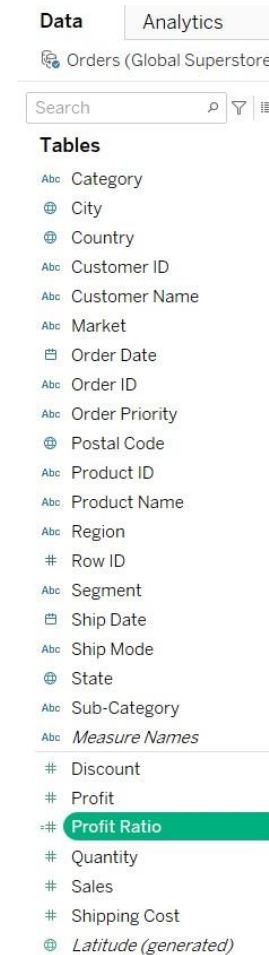
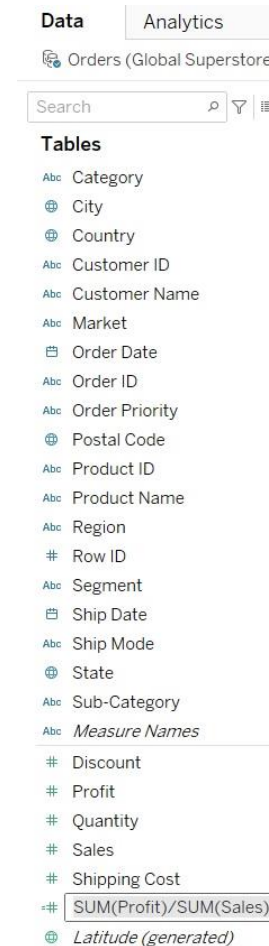
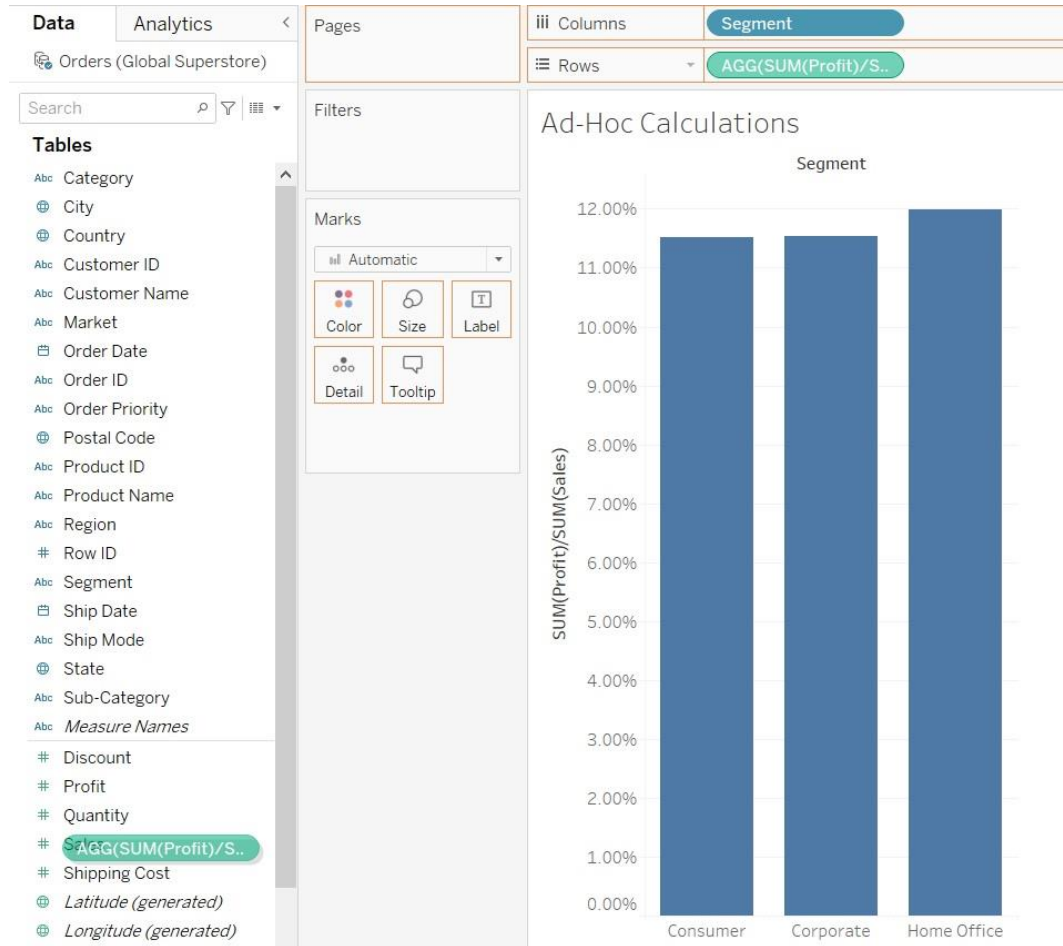
# AD-HOC CALCULATIONS

This is the Final Viz with **Profit Ratio Ad-hoc calculation** shown as %



# AD-HOC CALCULATIONS

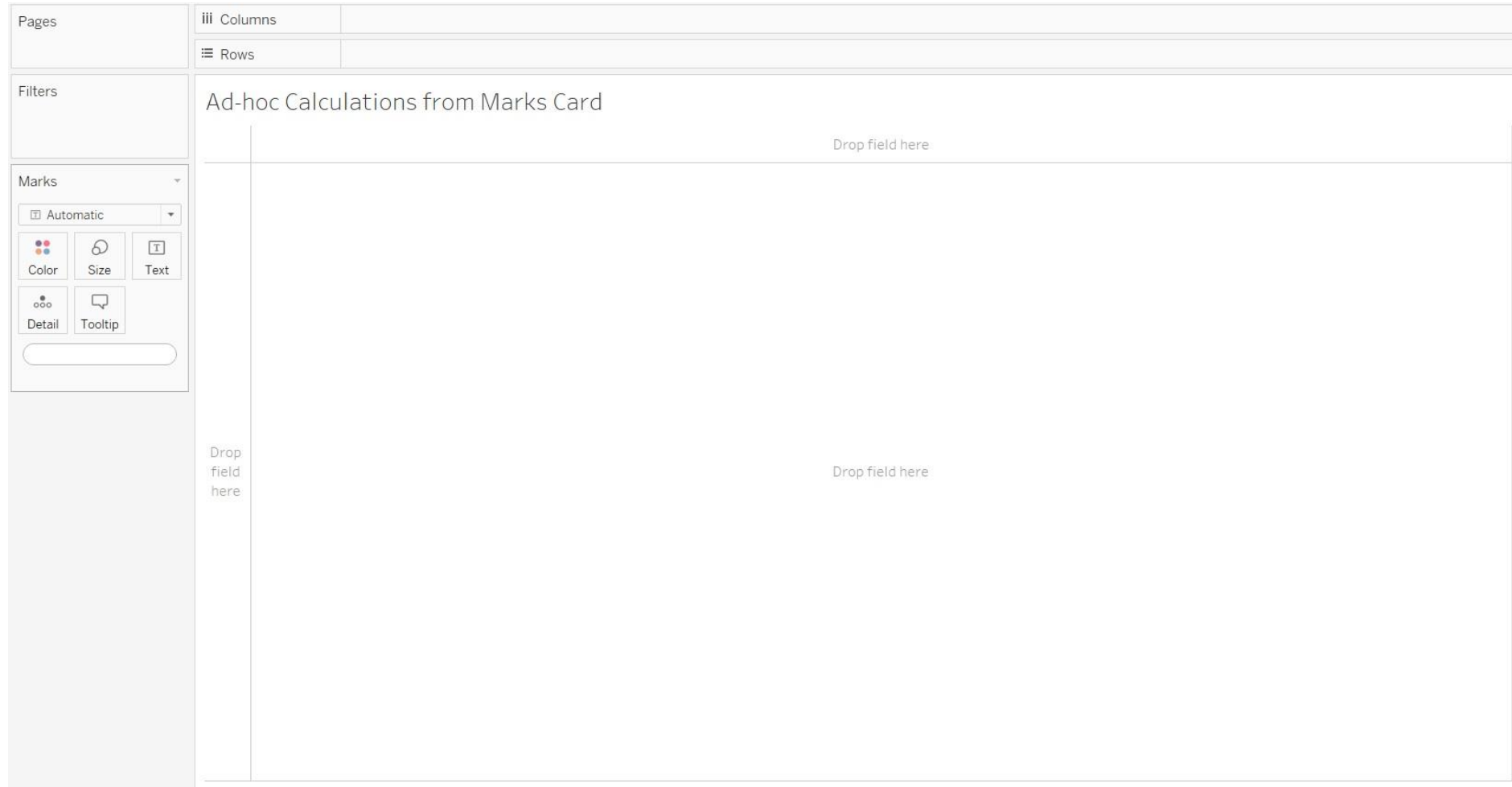
We can drag and drop the newly created **Ad-Hoc** calculation into the **Measures** section of **Data** pane. We can rename the field as **Profit Ratio**.





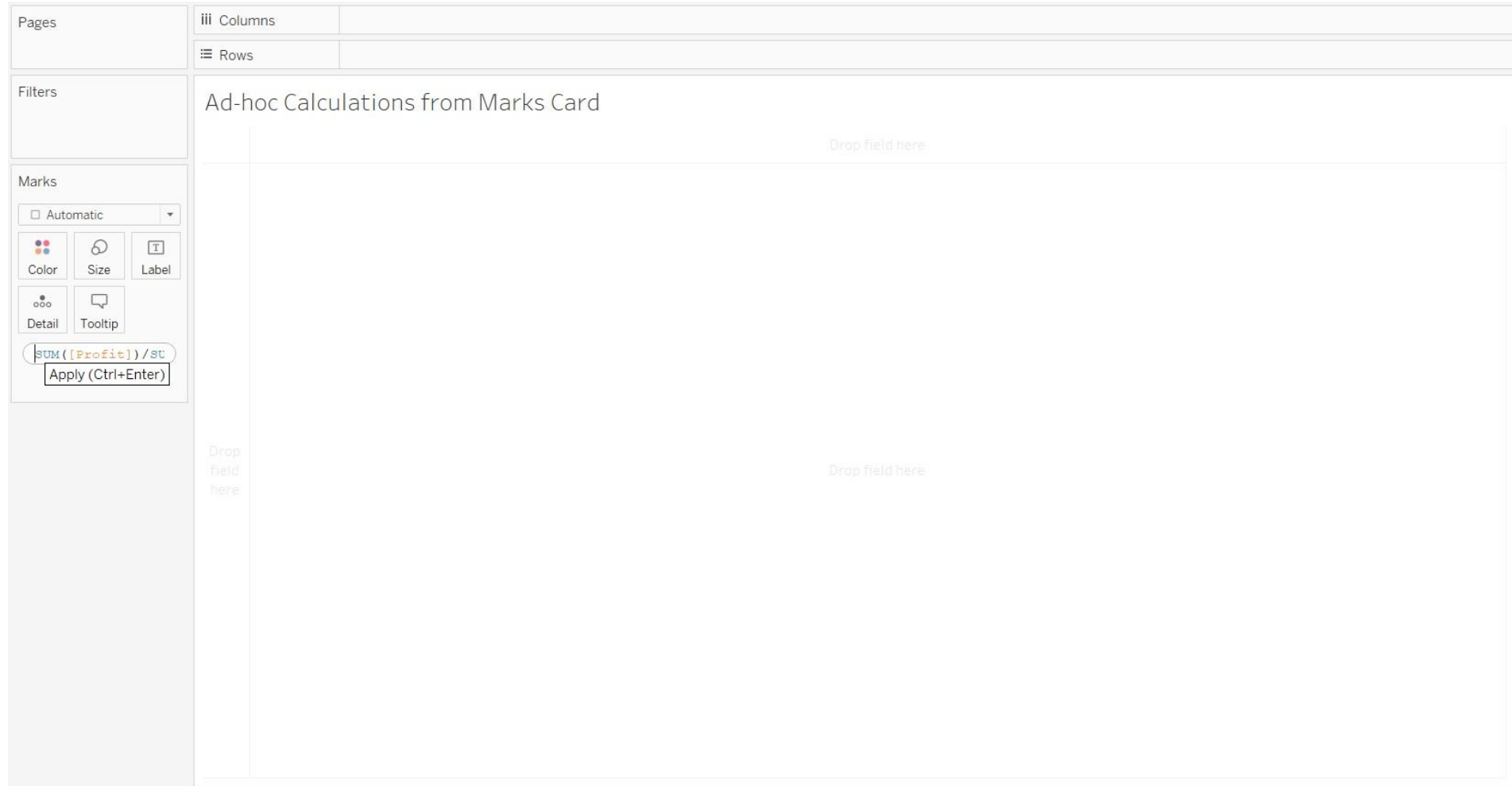
# AD-HOC CALCULATIONS

If required, we can create the Ad-hoc calculation even in the **Marks** card  
Double-click on an empty part of **Marks** card to create a new calculation



# AD-HOC CALCULATIONS

Type to update the expression, or drag new fields into the expression from the Data pane or elsewhere in the view



# AD-HOC CALCULATIONS

Press Enter, Tab, or click outside the expression to commit the expression, close the calculation, and update the view

The screenshot displays the Tableau user interface. On the left sidebar, the 'Marks' shelf is active, showing a dropdown menu set to 'Automatic'. Below this, there are buttons for 'Color', 'Size', 'Text', 'Detail', and 'Tooltip'. At the bottom of the Marks shelf, a green pill-shaped button contains the text 'AGG(SUM([Pro...))'. The main workspace on the right is titled 'Ad-hoc Calculations from Marks Card' and contains the text 'Abc'. The top of the interface shows the 'Columns' and 'Rows' shelves, both of which are currently empty.

# AD-HOC CALCULATIONS

The newly created **Profit Ratio Ad-hoc calculation** can be used in a new Viz e.g.: **Region Vs Profit Ratio**

