



## Percent of Total

A **Percent of Total** calculation is used to calculate the percent distribution of a measure across a specific dimension or table structure. For example, if you are analyzing a project that operates in multiple countries, you can calculate what percentage of the total revenue each country generates. This in turn can highlight underperforming countries, as well as the better-performing ones.

You will use this calculation in the next exercise.

### Exercise 03: Creating a Percent of Total Calculation

In this exercise, you will calculate the **Percent of Total** profits earned in different years for a category. By doing so, you can understand how each category has contributed to yearly profits. Perform the following steps to complete this exercise:

1. Load the **Sample – Superstore** dataset in your Tableau instance.
2. Create a view that shows **Category** against **YEAR(Order Date)** and **SUM(Profit)**, as follows:

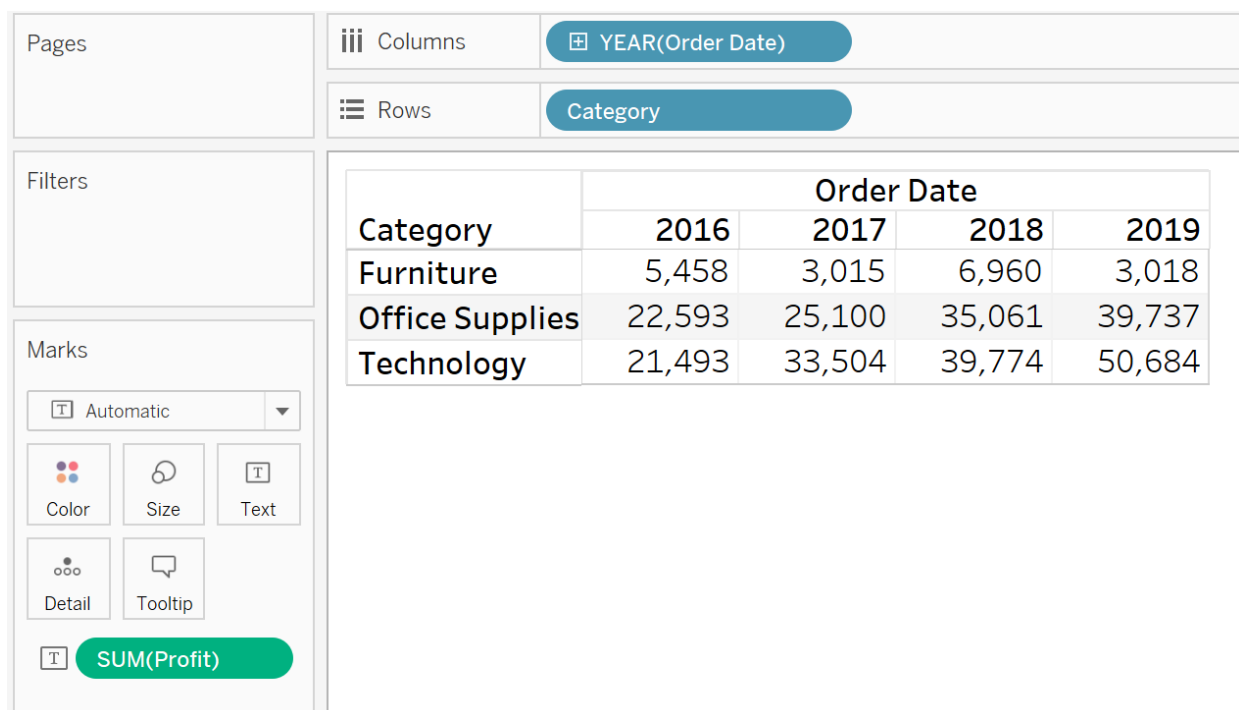
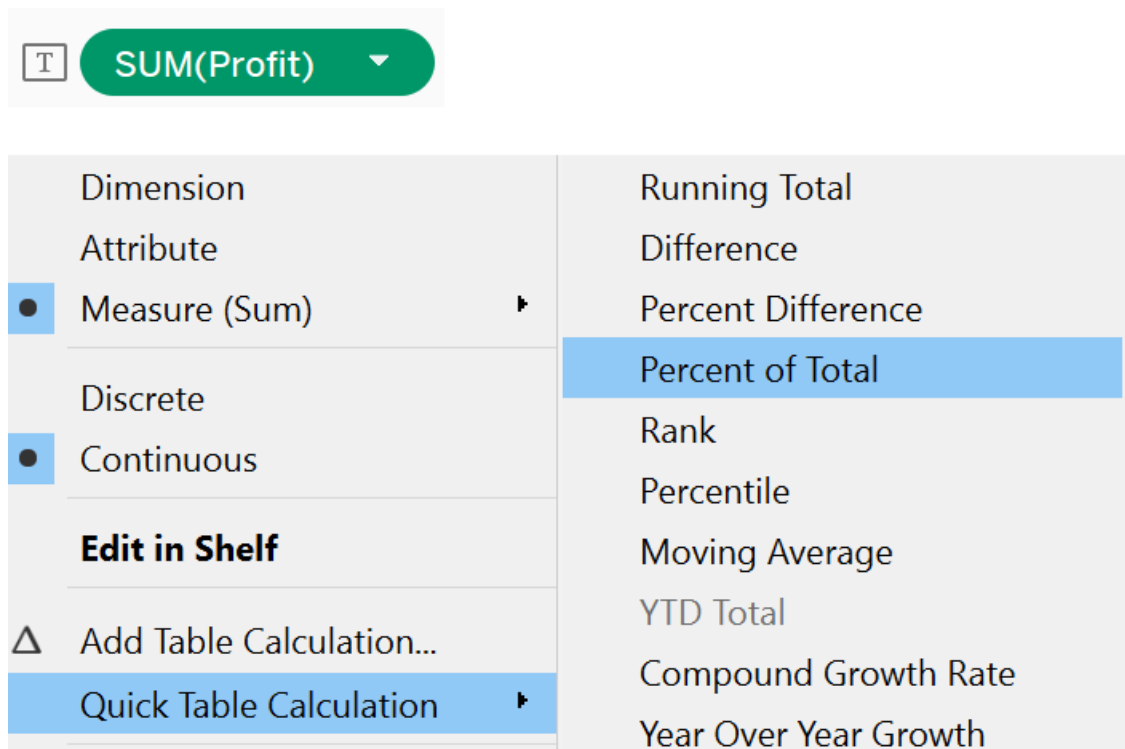


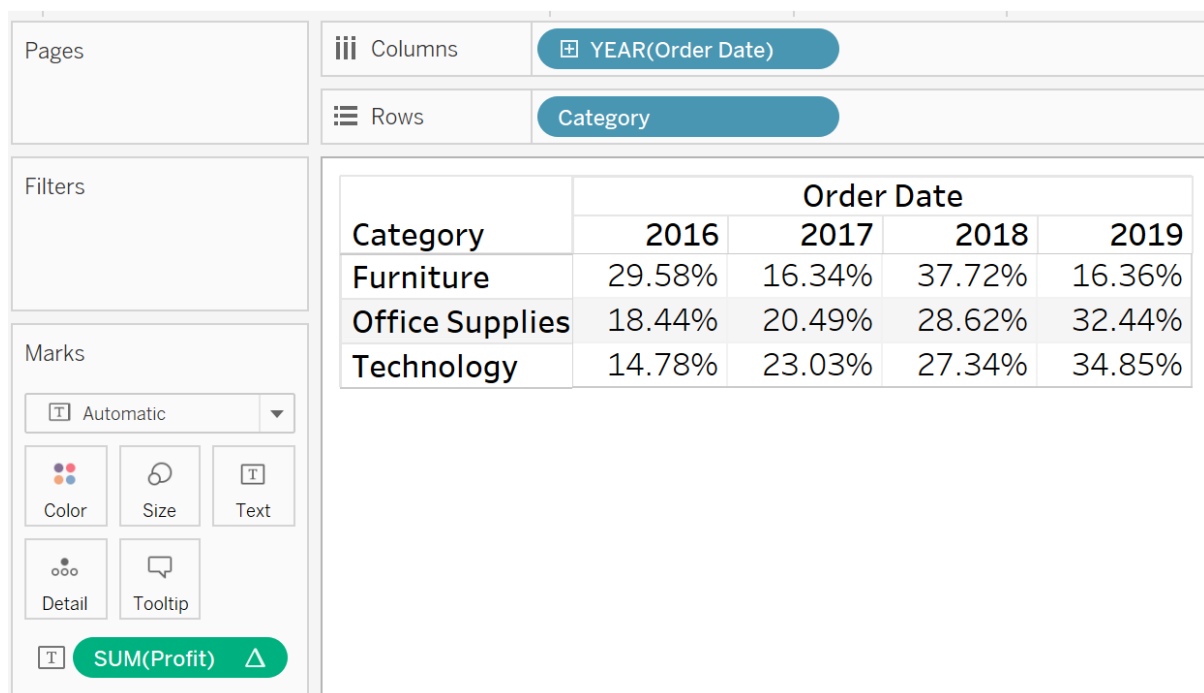
Figure 1: Initial view

3. Add the **Percent of Total** quick calculation to the view



**Figure 2: Accessing quick table calculation | percent of total**

The following view is the final output:



**Figure 3: Final output**

You can see that the profit has been converted to a percentage of the total, from all the years' profits. For example, for **Furniture**, you can first compute the sum of all the years' profits, which comes to 18,451. Then, divide each year's profits



with this number. So, for 2016, you can compute it as  $5,458 / 18,451$ , which is 29.58%.

This view helps find out which year has been better for generating profits for each category. The next step is to identify patterns indicative of higher profits in those years, and to try to replicate the patterns for the current year to generate similar or higher profits.