



# Table Calculation

# Understanding Table Calculation

- Table calculations are computations that are applied to the values in the table.
- These computations are unique as they use data from multiple rows in the database to calculate a value.
- To create a table calculation, you need to define both what values you want to compute and what values to compute along.





# What is Table Calculation

- A table calculation is a transformation you apply to the values of a single measure in your view, based on the dimensions in the view.
- You always add a table calculation to a measure in the view.
- When you right-click that measure on the Marks card, you will see two options that mention table calculations:
- **Add Table Calculation**
- **Quick Table Calculation**



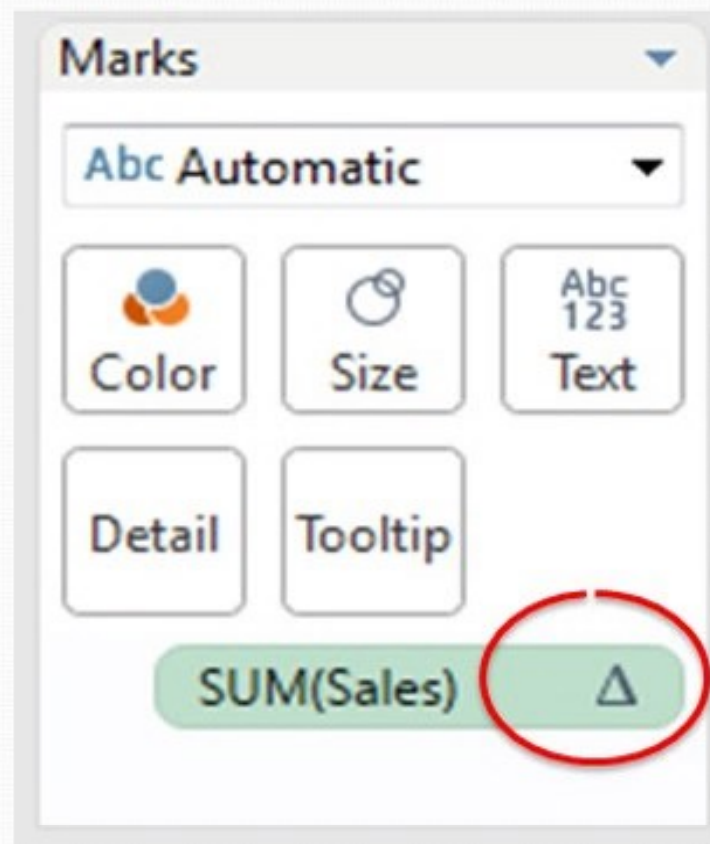
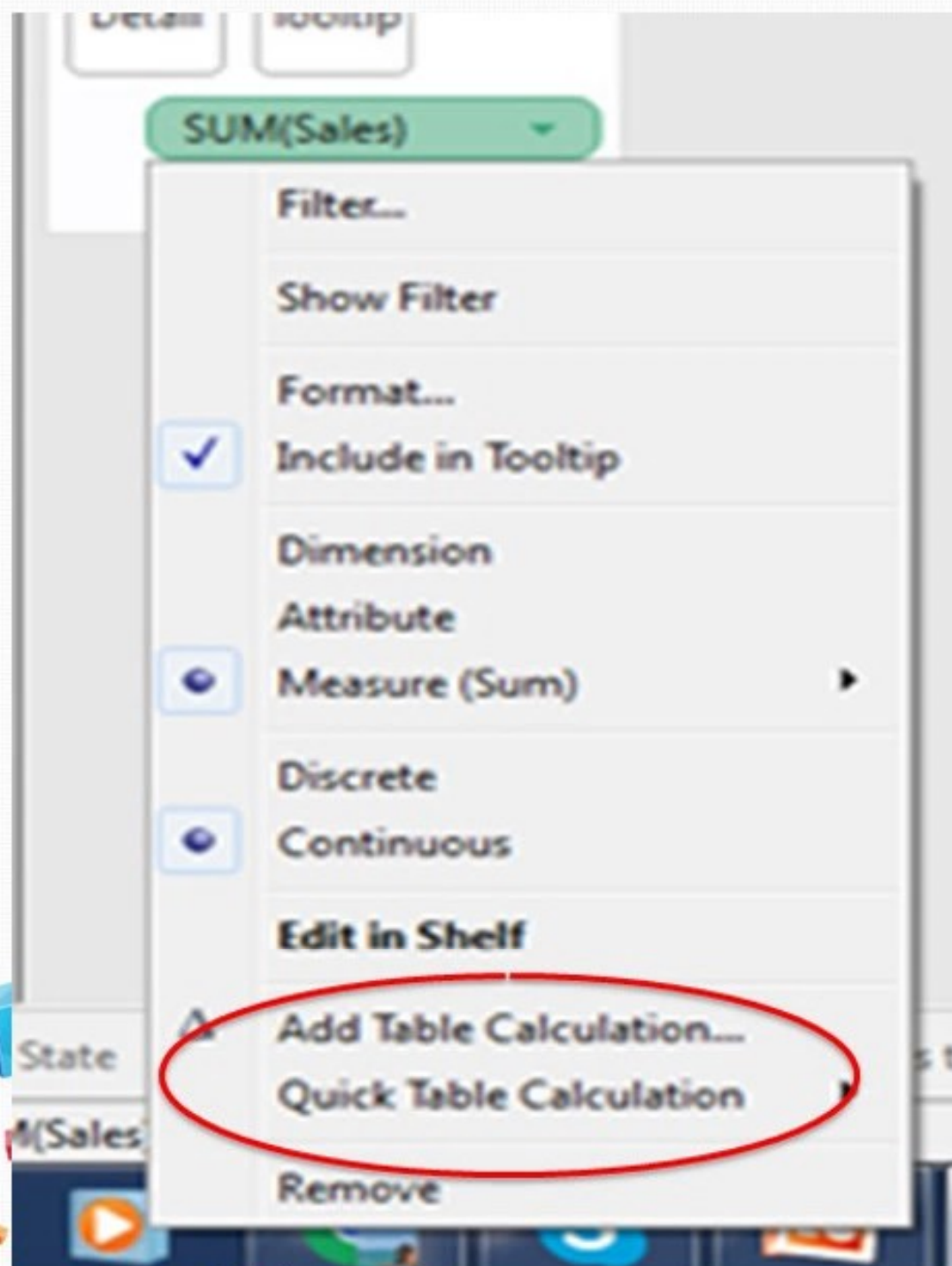




Table Calculation [Sales]



Calculation Type:

Difference From

Calculation Definition:

Calculate the difference

At the level:

Display the value as a difference from:

Difference From

Percent Difference From

Percent From

Percent of Total

Rank

able (Down)

Previous

Customize...

OK

Cancel

Apply

# Sorting In Table Calculation

- When using Tableau Quick Table Calculations there are times when using the one-click sort feature will result in inconclusive results.
- One-click sort will work great for running totals, percent of totals, and differences from discrete elements (first, last, "named" element, etc).
- Certain types of Tableau Quick Table Calculations will create inconclusive results when using the one-click sort. These include moving averages, difference from "previous" and percent difference from "previous".





# Filters In Table Calculation

- A measure used for a table calculation can be included as a filter just like any other measure. This enables users to create on-the-fly analyses based on the newly calculated values. The filter is applied on the client side and no additional query is sent to the database server

