Difference Between Calculated Fields & Table Calculated

Difference between Calculated Field & Table Calculation

- **Calculated fields** allow you to compare fields, apply aggregations, apply logic, concatenate strings, convert dates or perform a myriad of other analytical and mathematical functions on your data without needing to make changes to your database at all.

- **Table Calculations** address data in the cache table and allow you to perform calculations on *visible* results.

Difference between Calculated Field & Table Calculation (cont.)

- **Calculated fields** return a re-usable, drag-and-drop field into your Data window and the cache table.

- **Table Calculation** does not add any new table to the Data window. It just creates a calculation of the measure in the view.

Difference between Calculated Field & Table Calculation (cont.)

- **Calculated fields** allows you to compare two or more separate measures in your data set.

- **Table calculations** allow you to compare a singular measure to itself.

Difference between Calculated Field & Table Calculation (cont.)

- **Calculated fields** does the calculation using the tableau interface only.

- **Table calculations** allow you to do the calculation using external platforms also like R, Python. So, if you are doing some analytics/ calculations using R or Python, the result that we get back in tableau is in the form of Table calculation. We write the calculation in the calculated field dialogue box using appropriate R or Python syntax, the calculation is done on these platforms & sends us the result back to Tableau in form of Table calculation.