**1. Numeric Calculations**

Numeric calculations are commonly used to perform arithmetic, aggregation, and mathematical operations on your data. Tableau provides various mathematical functions for this purpose.

**Common Numeric Functions in Tableau:**

* **Basic Arithmetic Operations**:
  + Addition (+), Subtraction (-), Multiplication (\*), Division (/).
  + Example: Profit Margin = SUM([Profit]) / SUM([Sales])
* **Aggregation Functions**:
  + SUM(), AVG(), MIN(), MAX(), COUNT(), COUNTD() (count distinct).
  + Example: Total Sales = SUM([Sales])
  + Example: Average Sales = AVG([Sales])
* **Mathematical Functions**:
  + ABS([Number]): Returns the absolute value.
  + ROUND([Number], 2): Rounds a number to a specific decimal place.
  + SQRT([Number]): Returns the square root of a number.
  + Example: ROUND([Profit], 2) rounds the profit to 2 decimal places.
* **Trigonometric Functions**:
  + SIN(), COS(), TAN(), ASIN(), etc.
  + Example: SIN([Angle in Degrees])
* **Logarithmic Functions**:
  + LOG([Number]): Returns the natural logarithm of a number.
  + Example: LOG([Sales]) computes the natural log of sales.

**Example Numeric Calculation:**