Numerical Tools <Doc 000031X-Day 00006Y BI>

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⭐ At the Top of the Power Query Editor Inside the Transform Column Option inside the Number Column Section is the Number Specific Tools

At the Top of the Power Query Editor Inside the Transform Column Option inside the Number Column Section is the Statistics Option

Sum, Minimum, Maximum, Median, Average, Standard Deviation, Count Values and Count Distinct Values are all Options within the Statistics Option, they all return a single value

Add, Multiply, Subtract, Divide, Integer-Divide, Modulo, Percentage, Percent of are all Options within the Standard Option, these are applied to every row in the table

Absolute Value, Power, Square Root, Exponent, Logarithm, Factorial are all Options within the Scientific Option, these are applied to every row in the table

Sine, Cosine, Tangent, Arcsine, Arccosine, Arctangent are all Options within the Trigonometry Option, these are applied to every row in the table

At the Top of the Power Query Editor Inside the Home Column Option Inside the Queries Section Click the Product Lookup Option

At the Top of the Power Query Editor Inside the Add Column Option Inside the From Number Section the Statistics Option is Grayed Out because they are aggregators, At the Top of the Power Query Editor Inside the Transform Column Option Inside the Number Column Section the Statistics Option is Available to us

You can't aggregate or sum texts or find the minimum or maximum values of a text value so if you highlight a text Column and Click the Statistics Option; Sum, Minimum, Maximum, Median, Average and Standard Deviation will all be Grayed Out

Highlight the ProductName Column

At the Top of the Power Query Editor Inside the Transform Column Option Inside the Number Column Section Click the Statistics Option

Click the Count Distinct Values Option

You should be back a singular value

⭐ Statistical Calculations aren't for transforming or preparing the data to Load into Power BI, it's for exploratory analysis

Inside Power Query's Applied Steps Section delete the Previous Calculation you made

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Rounding Numbers within our Column

Click the ProductPrice Column Header

Click the Decimal Number Option

At the Top of the Power Query Editor Inside the Transform Option Inside the Number Column Section Click the Rounding Option

Click the Round… Option

The Round Box Pops Up

Decimal Places Field: [Number of Decimal Places you want to Round to Entry]

Click the Green Rectangular Ok Button

Add a New Column based on Multiplication

Click the ProductPrice Column Header

At the Top of the Power Query Editor Inside the Add Column Option Inside the from Number Section Click the Standard Option

Click the Multiply Option

The Multiply Box Pops Up

? Field: [The Value you're multiplying every row by Entry]

Click the Green Rectangular Ok Button

Look for the New Column at the End of your spreadsheet

Click the Column Header of the Multiplication Column and Rename it to Discount Price, this column will inherit it's data type from the column it's based off of

At the Top of the Power Query Editor Inside the Home Option Click the Close & Apply Option