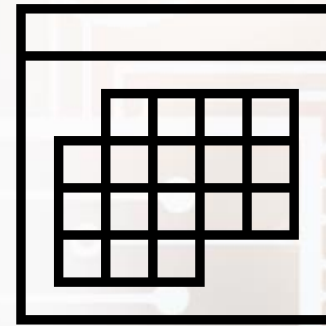


Important
Date & Time
Intelligence Function
Every Analyst
Must Know



Month To Date (MTD)

Month	Day	Quantity	MTD
January	1		
January	2	76	76
January	3	59	135
January	4	27	162
January	5	30	192
January	6	61	253
January	7	17	270

MTD =
`TOTALMTD(SUM(Sales[Qty]), 'Date'[Date].[Date])`

January 2 = **76**
+ **Total 135**
January 3 = **59**

Evaluates the value of the expression for the month to date, in the current context.

Month To Date (MTD)

Month	Day	Quantity	MTD
January	30	54	54
January	31	59	113
February	1	55	55
February	2	70	125

MTD =
`TOTALMTD(SUM(Sales[Qty]), 'Date'[Date].[Date])`

January MTD Total = **113**

Month Change

February 1 = **55**
+ **Total 125**
February 2 = **70**


Quarter To Date (QTD)

Year	Month	Quantity	QTD
2024	January	1352	1352
2024	February	1478	2830
2024	March	1364	4194
2024	April	1307	1307
2024	May	1487	2794
2024	June	1503	4297
2024	July	1442	1442

QTD =
`TOTALQTD(SUM(Sales[Qty]), 'Date'[Date].[Date])`

2024 January = **1352**
2024 February = **1478**
2024 March = **1364**

2830
4194



Same as MTD this Function works over the quarter
And when quarter change its recalculating the Total

Year To Date (YTD)

Year	Month	Quantity	YTD
2024	January	1352	1352
2024	February	1478	2830
2024	March	1364	4194
2024	April	1307	5501
2024	May	1487	6988
2024	June	1503	8491
2024	July	1442	9933
2024	August	1416	11349
2024	September	1381	12730
2024	October	1488	14218
2024	November	1440	15658
2024	December	1481	17139
Total		17139	17139

YTD =
`TOTALYTD(SUM(Sales[Qty]), 'Date'[Date].[Date])`

Same as **MTD** and **YTD** this Function works over the **Year** till the Year end



```
MTD/QTD/YTD =  
TOTALYTD(SUM(Sales[Qty]), 'Date'[Date].[Date])
```

At the place of **SUM** you can write any **Mathematical expression**
Like (Min, Max, Average)

SamePeriodTime & Difference

Jan-2023 Qty

Jan-2022 Qty

Difference
 $1325 - 1315 = 10$

Difference %
 $(1325-1315)/1315$

Year	Month	Qty	Same Period Last Year	Difference	Diff_%
2023	January	1325	1315	10	↑ 0.76%
2023	February	1319	1443	-124	↓ -8.59%
2023	March	1421	1581	-160	↓ -10.12%
2023	April	1402	1458	-56	↓ -3.84%
2023	May	1418	1286	132	↑ 10.26%
2023	June	1433	1369	64	↑ 4.67%
2023	July	1383	1426	-43	↓ -3.02%
2023	August	1628	1420	208	↑ 14.65%
2023	September	1567	1252	315	↑ 25.16%

**For All the Dax,
Please visit my
GitHub Profile**