

Advanced DAX & Building a Dashboard.

ALL

Remove of all the filters from the table.
[Filter Context never splits]

```
All Orders =
CALCULATE(
    [Total Orders],
    ALL('Sales Record [2020-22]'))
    Total Cost           Revenue
```

SubcategoryName	Total Orders	All Orders
Tires and Tubes	9084	25164
Road Bikes	7099	25164
Helmets	6034	25164
Mountain Bikes	4706	25164
Bottles and Cages	4485	25164
Jerseys	3113	25164
Touring Bikes	2124	25164
Caps	2062	25164
Fenders	1975	25164
Gloves	1332	25164
Shorts	944	25164
Cleaners	850	25164
Hydration Packs	695	25164
Socks	538	25164
Vests	521	25164
Total	25164	25164

Numerator Denominator

$$x = 20$$

$$y = 30$$

$$z = 50$$

Total = $20 + 30 + 50 = 100$

$$x = 20 / 100 = 0.2 - 20\%$$

$$y = 30 / 100 = 0.3 - 30\%$$

$$z = 50 / 100 = 0.5 - 50\%$$

Measure

```
DIVIDE(Numerator, Denominator,
[AlternateResult])
```

Measure Table

Structure

Safe Divide function with ability to handle divide by zero case.

1 % of

2 DIVIDE(

3 [Total Orders],

4 [All Orders])

% of All Orders

Measure Table (DA...)

\$ % Format General

\$ % Auto

Structure Display the values in this column in percentages.

1 % of All Orders =

2 DIVIDE(

3 [Total Orders],

4 [All Orders])

SubcategoryName	Total Orders	All Orders	% of All Orders
Tires and Tubes	9084	25164	36.10%
Road Bikes	7099	25164	28.21%
Helmets	6034	25164	23.98%
Mountain Bikes	4706	25164	18.70%
Bottles and Cages	4485	25164	17.82%
Jerseys	3113	25164	12.37%
Touring Bikes	2124	25164	8.44%
Caps	2062	25164	8.19%
Fenders	1975	25164	7.85%
Gloves	1332	25164	5.29%
Shorts	944	25164	3.75%
Cleaners	850	25164	3.38%
Hydration Packs	695	25164	2.76%
Socks	538	25164	2.14%
Vests	521	25164	2.07%
Total	25164	25164	100.00%

CategoryName	Total Orders	All Orders	% of All Orders
Accessories	16983	25164	67.49%
Bikes	13929	25164	55.35%
Clothing	6976	25164	27.72%
Components		25164	
Total	25164	25164	100.00%

All Returns, % of All Returns.
[Total Returns].

```
All Returns =
CALCULATE(
    [Total Returns],
    ALL('Returns Data'))
```

```
1 % of All Returns =
2     DIVIDE(
3         [Total Returns],
4         [All Returns])
```

CategoryName	Total Orders	All Orders	% of All Orders	Total Returns	All Returns	% of All Returns
Accessories	16983	25164	67.49%	1130	1828	61.82%
Bikes	13929	25164	55.35%	429	1828	23.47%
Clothing	6976	25164	27.72%	269	1828	14.72%
Components		25164			1828	
Total	25164	25164	100.00%	1828	1828	100.00%

Time Intelligence

Performance To Date

DatesYTD , DatesQTD , DatesMTD.

YTD Revenue

```
YTD Revenue =
CALCULATE(
    [Revenue],
    DATESYTD(
        'Calendar Lookup'[Date]
    )
)
```

Year	Revenue	YTD Revenue
2020	\$64,04,933.5803	\$64,04,933.5803
January	\$5,85,312.6486	\$5,85,312.6486
February	\$5,32,226.2458	\$11,17,538.8944
March	\$6,43,436.104	\$17,60,974.9984
April	\$6,53,364.0368	\$24,14,339.0352
May	\$6,59,325.8968	\$30,73,664.932
June	\$6,69,988.6696	\$37,43,653.6016
July	\$4,86,115.0054	\$42,29,768.607
August	\$5,36,452.8175	\$47,66,221.4245
September	\$3,44,062.8749	\$51,10,284.2994
October	\$4,04,276.5974	\$55,14,560.8968
November	\$3,26,611.1534	\$58,41,172.0502
December	\$5,63,761.5301	\$64,04,933.5803
2021	\$93,24,203.7917	\$93,24,203.7917
January	\$4,32,425.7362	\$4,32,425.7362
February	\$4,74,162.7875	\$9,06,588.5237
March	\$4,71,961.8784	\$13,78,550.4021
April	\$4,94,957.4174	\$18,73,507.8195
May	\$5,45,534.7436	\$24,19,042.5631
June	\$5,33,824.9826	\$29,52,867.5457
July	\$8,15,356.4682	\$37,68,224.0139
August	\$8,04,193.3868	\$45,72,417.4007
September	\$9,52,743.493	\$55,25,160.8937
October	\$10,29,821.0507	\$65,54,981.9444
November	\$11,33,913.046	\$76,88,894.9904
December	\$16,35,308.8013	\$93,24,203.7917
2022	\$91,85,449.4473	\$91,85,449.4473
January	\$12,74,378.6662	\$12,74,378.6662

Rows

Date	X
Year	X
Month	X

+Add data

Columns

+Add data

Values

Revenue	X
YTD Revenue	X

Previous Period

→ DateAdd()

Interval - Year, Qtr, Month, Day.

```

Measure Table (DA...) Structure
DATEADD(Dates, NumberofIntervals,
Interval)
1 Previous CALC Moves the given set of dates by a specified
interval.
2
3
4 DATEADD(
5     'Calendar Lookup'[Date],
6     -1,
7     MONTH

```

Previous Month R... Format Currency Data category Un

Measure Table (DA... \$ % , .00 Auto

Structure Formatting Properties

```

1 Previous Month Revenue =
2     CALCULATE(
3         [Revenue],
4         DATEADD(
5             'Calendar Lookup'[Date],
6             -1,
7             MONTH))

```

Year	Revenue	YTD Revenue	Previous Month ↑ ↓ €↓
2020	\$64,04,933.5803	\$64,04,933.5803	\$58,41,172.0502
January	\$5,85,312.6486	\$5,85,312.6486	
February	\$5,32,226.2458	\$11,17,538.8944	\$5,85,312.6486
March	\$6,43,436.104	\$17,60,974.9984	\$5,32,226.2458
April	\$6,53,364.0368	\$24,14,339.0352	\$6,43,436.104
May	\$6,59,325.8968	\$30,73,664.932	\$6,53,364.0368
June	\$6,69,988.6696	\$37,43,653.6016	\$6,59,325.8968
July	\$4,86,115.0054	\$42,29,768.607	\$6,69,988.6696
August	\$5,36,452.8175	\$47,66,221.4245	\$4,86,115.0054
September	\$3,44,062.8749	\$51,10,284.2994	\$5,36,452.8175
October	\$4,04,276.5974	\$55,14,560.8968	\$3,44,062.8749
November	\$3,26,611.1534	\$58,41,172.0502	\$4,04,276.5974
December	\$5,63,761.5301	\$64,04,933.5803	\$3,26,611.1534
2021	\$93,24,203.7917	\$93,24,203.7917	\$82,52,656.5205
January	\$4,32,425.7362	\$4,32,425.7362	\$5,63,761.5301
February	\$4,74,162.7875	\$9,06,588.5237	\$4,32,425.7362
March	\$4,71,961.8784	\$13,78,550.4021	\$4,74,162.7875
April	\$4,94,957.4174	\$18,73,507.8195	\$4,71,961.8784
May	\$5,45,534.7436	\$24,19,042.5631	\$4,94,957.4174
June	\$5,33,824.9826	\$29,52,867.5457	\$5,45,534.7436
July	\$8,15,356.4682	\$37,68,224.0139	\$5,33,824.9826
August	\$8,04,193.3868	\$45,72,417.4007	\$8,15,356.4682
September	\$9,52,743.493	\$55,25,160.8937	\$8,04,193.3868
October	\$10,29,821.0507	\$65,54,981.9444	\$9,52,743.493
November	\$11,33,913.046	\$76,88,894.9904	\$10,29,821.0507
December	\$16,35,308.8013	\$93,24,203.7917	\$11,33,913.046
2022	\$91,85,449.4473	\$91,85,449.4473	\$89,93,771.1134
January	\$12,74,378.6662	\$12,74,378.6662	\$16,35,308.8013

KPI

- High is Good/Bad
- Low is Good/ Bad

10% - Month on Month Growth

Target Revenue Format Currency Data category Un

Measure Table (DA... \$ % , .00 Auto

Structure Formatting Properties

```

1 Target Revenue =
2     [Previous Month Revenue] * 1.1

```

$$1 + 0.10 = 1.1$$

$$1 + 0.09 = 1.09$$

Year	Revenue	YTD Revenue	Previous Month	↑	↓	↔	1	Δ	R	‑1	⟳
2020	\$64,04,933.5803	\$64,04,933.5803	\$58,41,172.0502						\$64,25,289.2552		
January	\$5,85,312.6486	\$5,85,312.6486									
February	\$5,32,226.2458	\$11,17,538.8944	\$5,85,312.6486						\$6,43,843.9135		
March	\$6,43,436.104	\$17,60,974.9984	\$5,32,226.2458						\$5,85,448.8704		
April	\$6,53,364.0368	\$24,14,339.0352	\$6,43,436.104						\$7,07,779.7144		
May	\$6,59,325.8968	\$30,73,664.932	\$6,53,364.0368						\$7,18,700.4405		
June	\$6,69,988.6696	\$37,43,653.6016	\$6,59,325.8968						\$7,25,258.4865		
July	\$4,86,115.0054	\$42,29,768.607	\$6,69,988.6696						\$7,36,987.5366		
August	\$5,36,452.8175	\$47,66,221.4245	\$4,86,115.0054						\$5,34,726.5059		
September	\$3,44,062.8749	\$51,10,284.2994	\$5,36,452.8175						\$5,90,098.0993		
October	\$4,04,276.5974	\$55,14,560.8968	\$3,44,062.8749						\$3,78,469.1624		
November	\$3,26,611.1534	\$58,41,172.0502	\$4,04,276.5974						\$4,44,704.2571		
December	\$5,63,761.5301	\$64,04,933.5803	\$3,26,611.1534						\$3,59,272.2687		
2021	\$93,24,203.7917	\$93,24,203.7917	\$82,52,656.5205						\$90,77,922.1726		
January	\$4,32,425.7362	\$4,32,425.7362	\$5,63,761.5301						\$6,20,137.6831		
February	\$4,74,162.7875	\$9,06,588.5237	\$4,32,425.7362						\$4,75,668.3098		
March	\$4,71,961.8784	\$13,78,550.4021	\$4,74,162.7875						\$5,21,579.0663		
April	\$4,94,957.4174	\$18,73,507.8195	\$4,71,961.8784						\$5,19,158.0662		
May	\$5,45,534.7436	\$24,19,042.5631	\$4,94,957.4174						\$5,44,453.1591		
June	\$5,33,824.9826	\$29,52,867.5457	\$5,45,534.7436						\$6,00,088.218		
July	\$8,15,356.4682	\$37,68,224.0139	\$5,33,824.9826						\$5,87,207.4809		
August	\$8,04,193.3868	\$45,72,417.4007	\$8,15,356.4682						\$8,96,892.115		
September	\$9,52,743.493	\$55,25,160.8937	\$8,04,193.3868						\$8,84,612.7255		
October	\$10,29,821.0507	\$65,54,981.9444	\$9,52,743.493						\$10,48,017.8423		
November	\$11,33,913.046	\$76,88,894.9904	\$10,29,821.0507						\$11,32,803.1558		
December	\$16,35,308.8013	\$93,24,203.7917	\$11,33,913.046						\$12,47,304.3506		
2022	\$91,85,449.4473	\$91,85,449.4473	\$89,93,771.1134						\$98,93,148.2247		
January	\$12,74,378.6662	\$12,74,378.6662	\$16,35,308.8013						\$17,98,839.6814		

Running Total

DATESINPERIOD.
MAX

10 - Day Rolling Revenue

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

```
DATESINPERIOD(Dates, StartDate,  
NumberOfIntervals, Interval)
```

Returns the dates from the given period.

10 Days Rolling Re... \$% Format Currency Data category Uncategorized

Measure Table (DA... \$ % .00 Auto Structure Formatting Properties

```

1 10 Days Rolling Revenue =
1.02 2 CALCULATE(
1.02 3     [Revenue],
1.02 4     DATESINPERIOD(
1.02 5         'Calendar Lookup'[Date],
1.02 6         MAX('Calendar Lookup'[Date]),
1.02 7         -10,
1.02 8         DAY
1.02 9 ))

```

Year	Revenue	10 Days Rolling Revenue
1	\$8,351	\$8,351
2	\$14,313	\$22,665
3	\$28,041	\$50,706
4	\$17,713	\$68,419
5	\$7,856	\$76,275
6	\$21,266	\$97,541
7	\$8,555	\$1,06,096
8	\$25,365	\$1,31,461
9	\$14,313	\$1,45,774
10	\$14,110	\$1,59,884
11	\$31,620	\$1,83,152
12	\$25,048	\$1,93,887
13	\$7,856	\$1,73,701
14	\$31,670	\$1,87,658
15	\$21,381	\$2,01,183
16	\$24,666	\$2,04,583
17	\$25,365	\$2,21,393
18	\$15,711	\$2,11,739
19	\$18,590	\$2,16,017
20	\$21,470	\$2,23,376
21	\$24,691	\$2,16,448
22	\$31,645	\$2,23,045
23	\$10,735	\$2,25,924
24	\$25,569	\$2,19,823
25	\$5,676	\$2,04,118
26	\$13,932	\$1,93,383
27	\$14,834	\$1,82,852
28	\$14,809	\$1,81,949
29	\$11,256	\$1,74,615