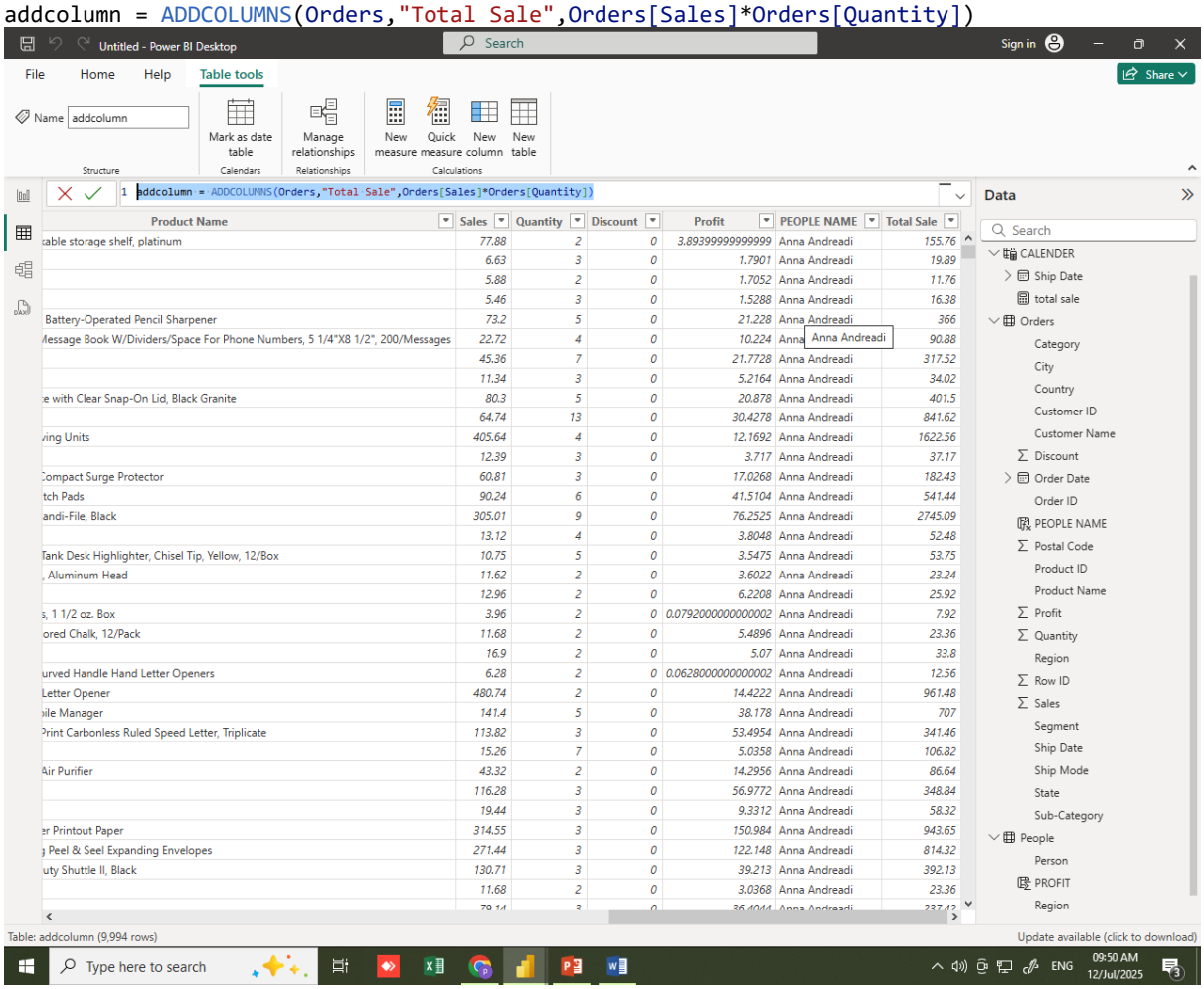
DAX TABLES

`Addcolumn`

Whole data+calculated colum will come together

Add new table

```
addcolumn = ADDCOLUMNS(Orders,"Total Sale",Orders[Sales]*Orders[Quantity])
```



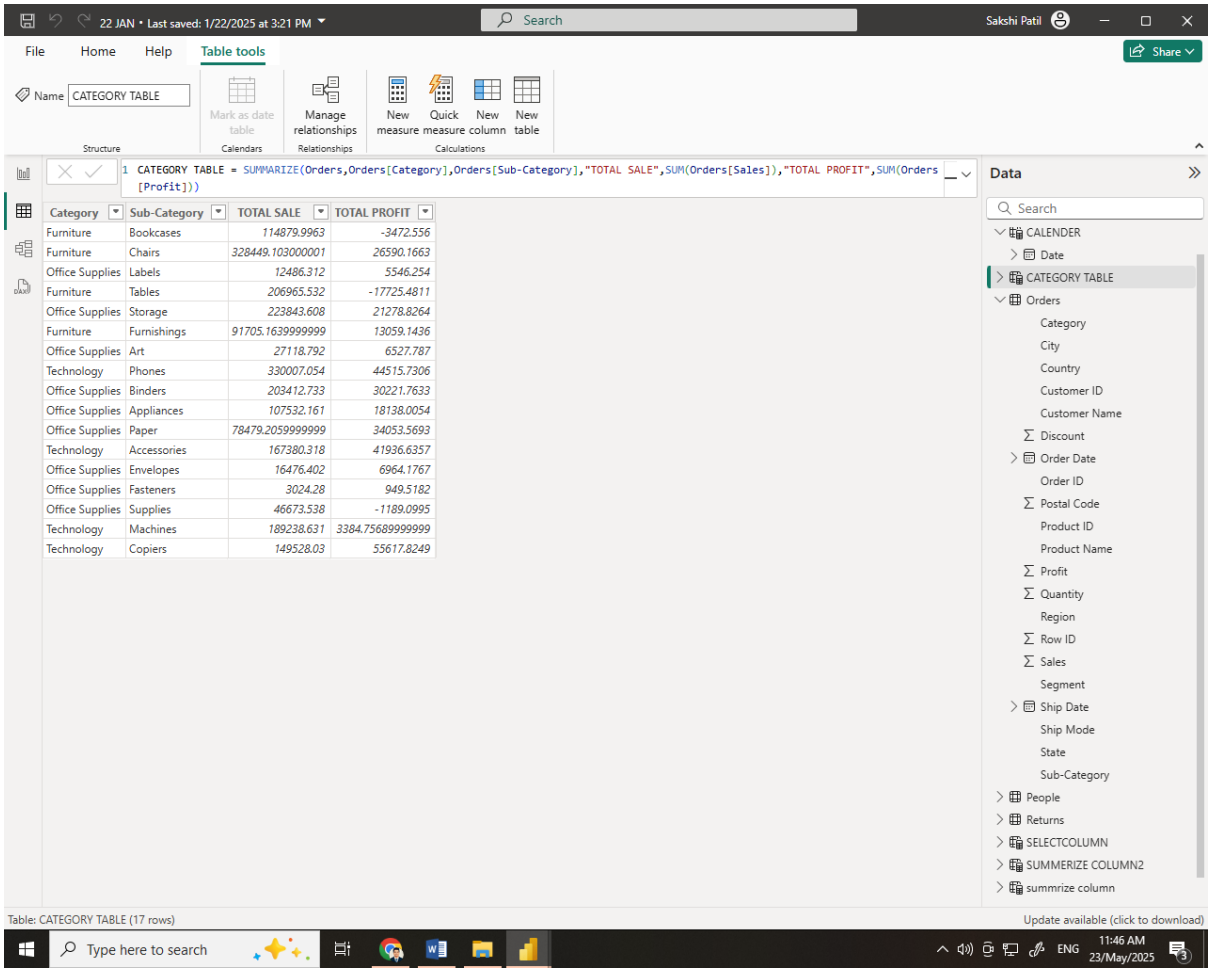
NEW TABLE

SOURCE

SUMMARIZE

```
CATEGORY TABLE = SUMMARIZE(Orders,Orders[Category],Orders[Sub-Category],"TOTAL SALE",SUM(Orders[Sales]),"TOTAL PROFIT",SUM(Orders[Profit]))
```

OUTPUT

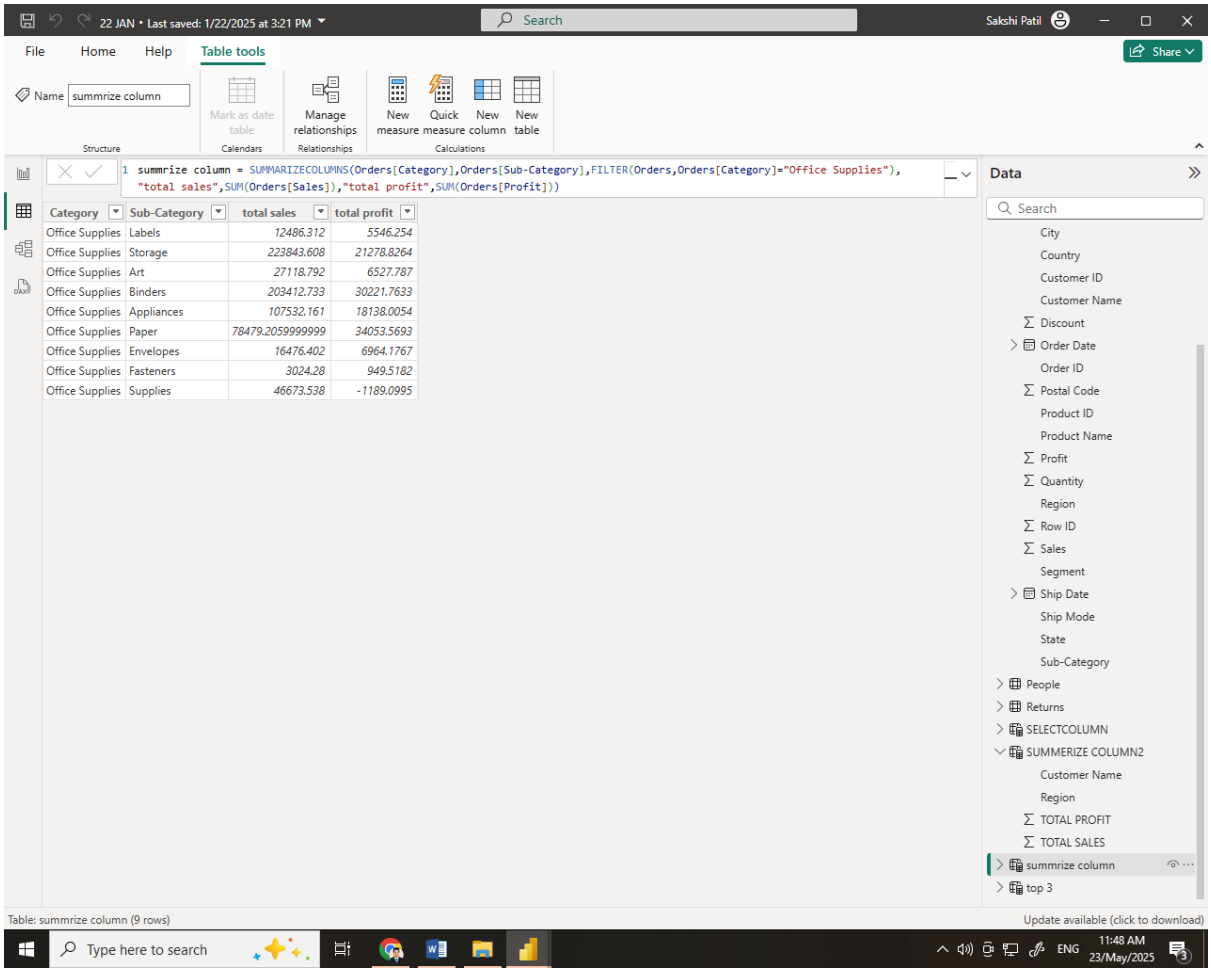


Category	Sub-Category	TOTAL SALE	TOTAL PROFIT
Furniture	Bookcases	114879.9963	-3472.556
Furniture	Chairs	328449.103000001	26590.1663
Office Supplies	Labels	12486.312	5546.254
Furniture	Tables	206965.532	-17725.4811
Office Supplies	Storage	223843.608	21278.8264
Furniture	Furnishings	91705.1639999999	13059.1436
Office Supplies	Art	27118.792	6527.787
Technology	Phones	330007.054	44515.7306
Office Supplies	Binders	203412.733	30221.7633
Office Supplies	Appliances	107532.161	18138.0054
Office Supplies	Paper	78479.2059999999	34053.5693
Technology	Accessories	167380.318	41936.6357
Office Supplies	Envelopes	16476.402	6964.1767
Office Supplies	Fasteners	3024.28	949.5182
Office Supplies	Supplies	46673.538	-1189.0995
Technology	Machines	189238.631	3384.75689999999
Technology	Copiers	149528.03	55617.8249

summrize column

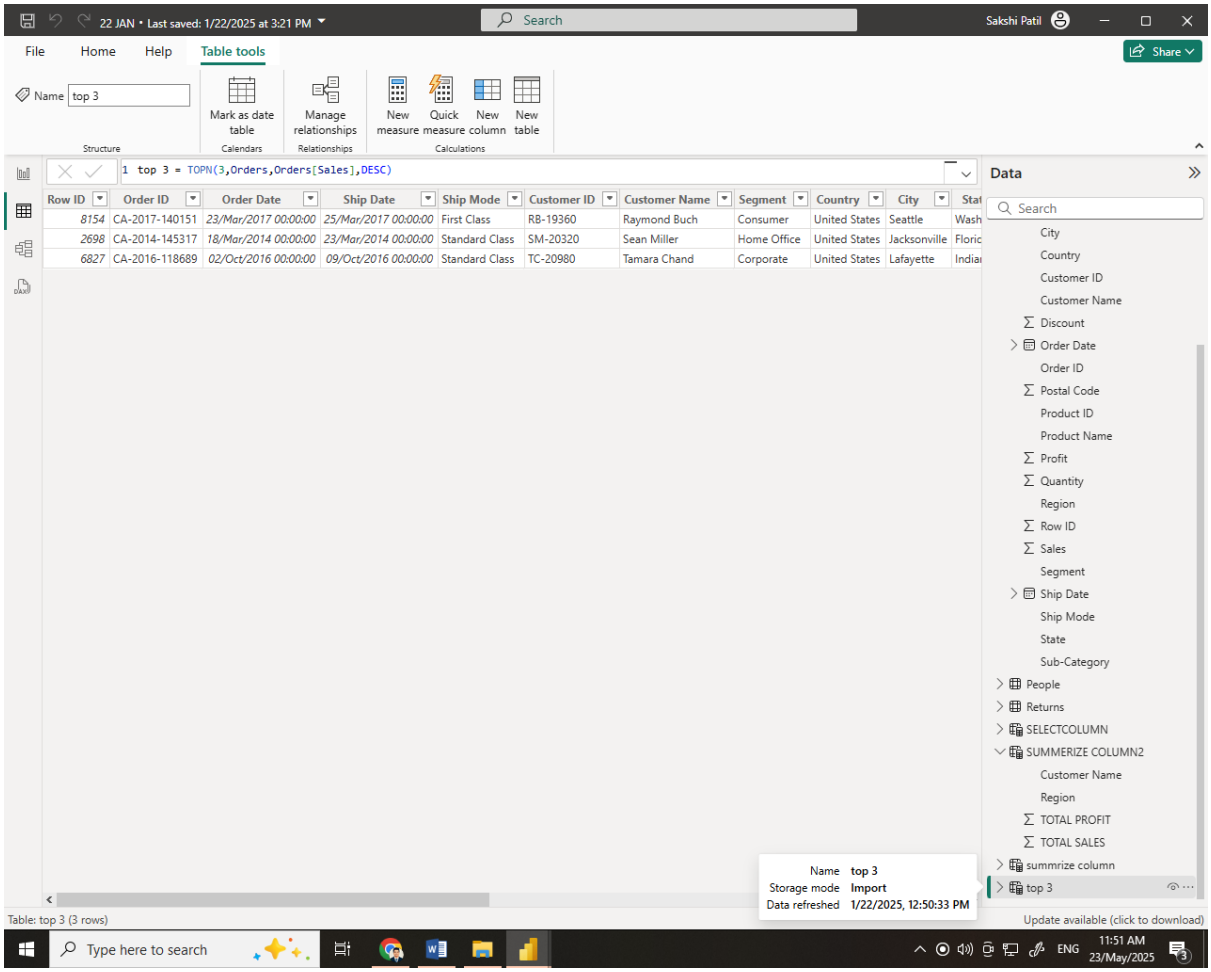
```
summrize column = SUMMARIZECOLUMNS(Orders[Category],Orders[Sub-Category],FILTER(Orders,Orders[Category]="Office Supplies"),"total sales",SUM(Orders[Sales]),"total profit",SUM(Orders[Profit]))
```

OUTPUT



TOP N

```
top 3 = TOPN(3,Orders,Orders[Sales],DESC)
```

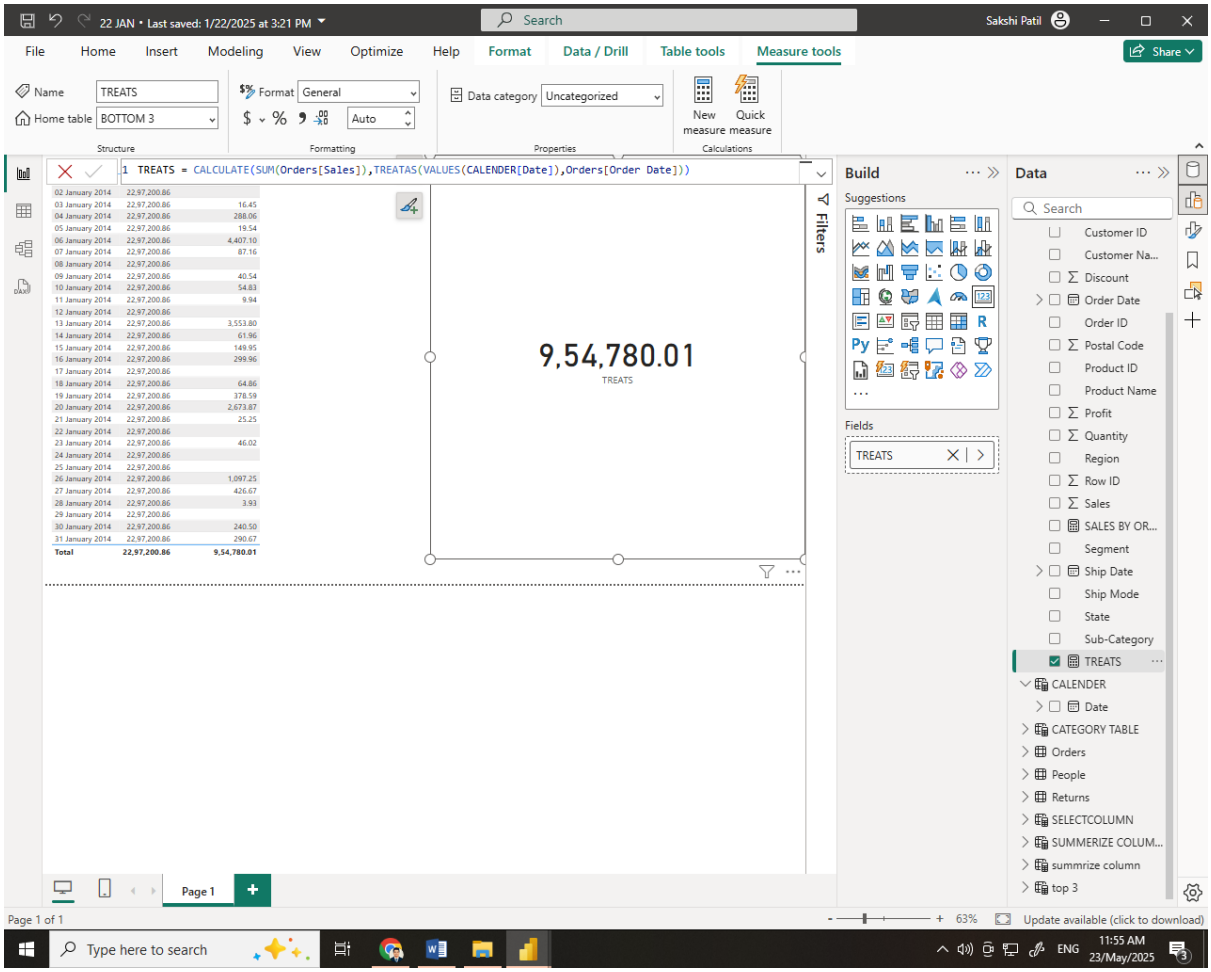


TREATS

MAKE MEASURES

```
TREATS = CALCULATE(SUM(Orders[Sales]),TREATAS(VALUES(CALENDER[Date]),Orders[Order Date]))
```

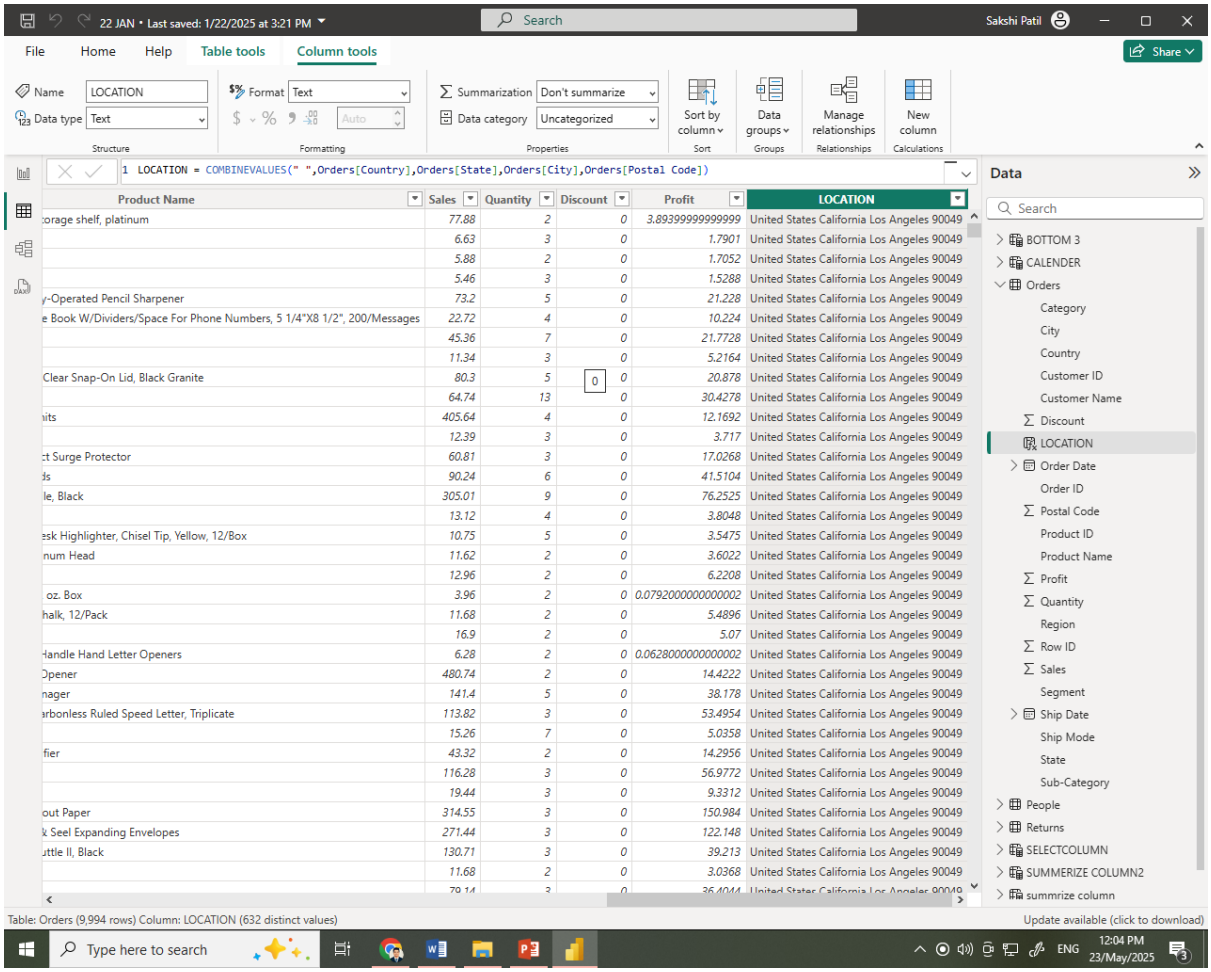
Calendar date and order date wise sale



COMBINE VALUE

ADD NEW COLUMN

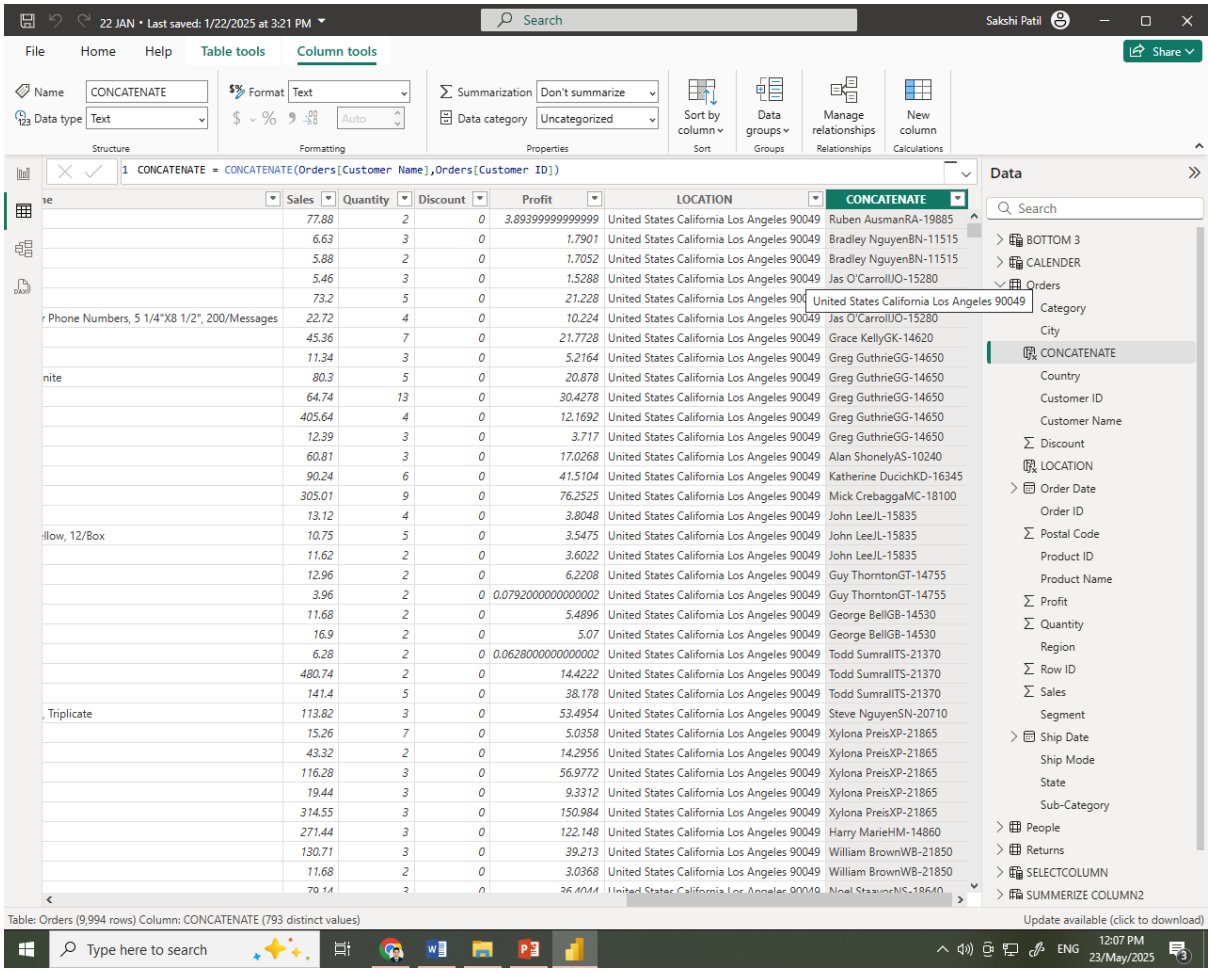
```
LOCATION = COMBINEVALUES(" ",Orders[Country],Orders[State],Orders[City],Orders[Postal Code])
```



CONCATENATE

ADD NEW COLUMN

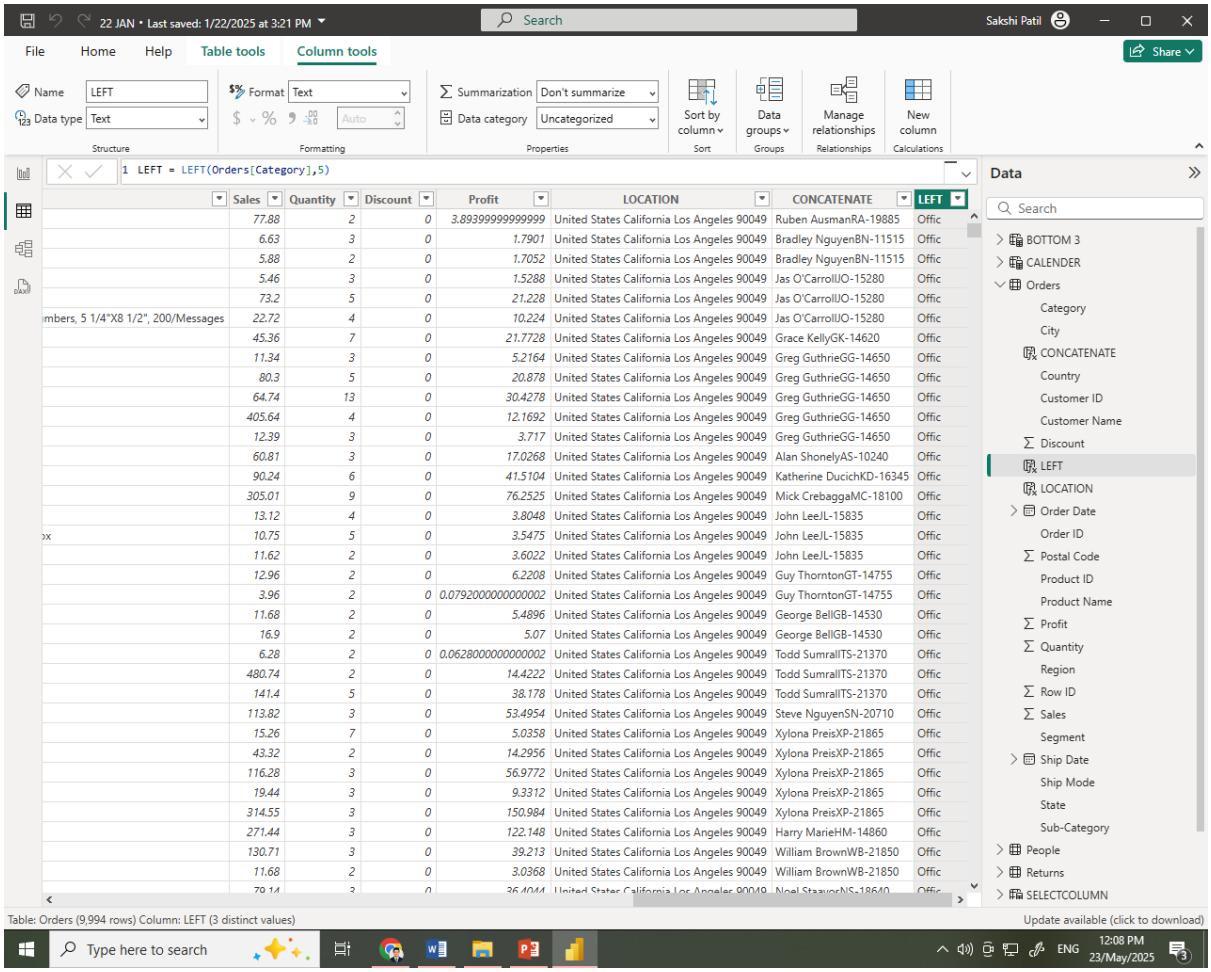
```
CONCATENATE = CONCATENATE(Orders[Customer Name],Orders[Customer ID])
```



LEFT

ADD NEW COLUMN

```
LEFT = LEFT(Orders[Category],5)
```

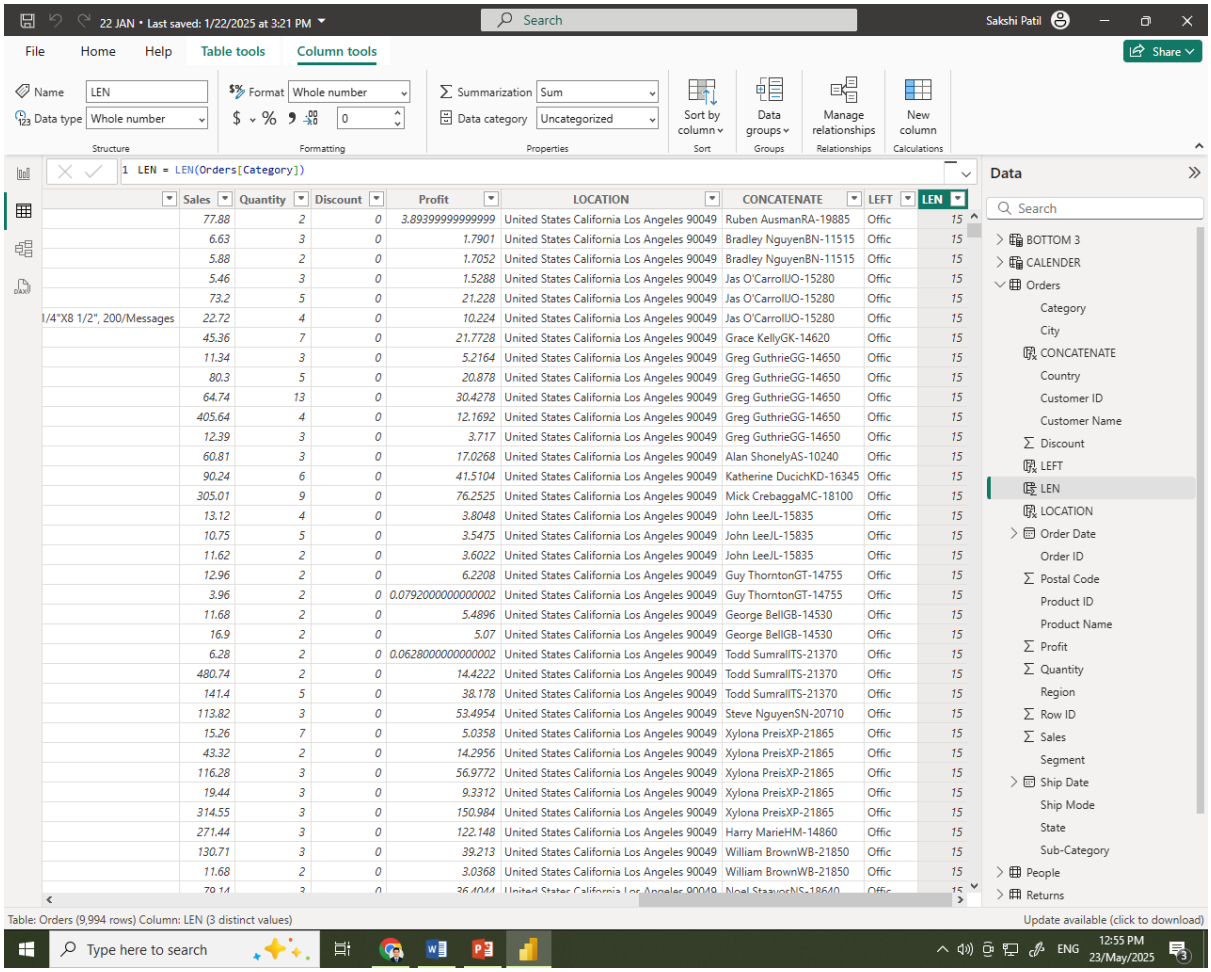


LEN

ADD NEW COLUMN

LEN FUNCTION WILL COUNT THE CHARACTER OF CATEGORY COLUMN

```
LEN = LEN(Orders[Category])
```

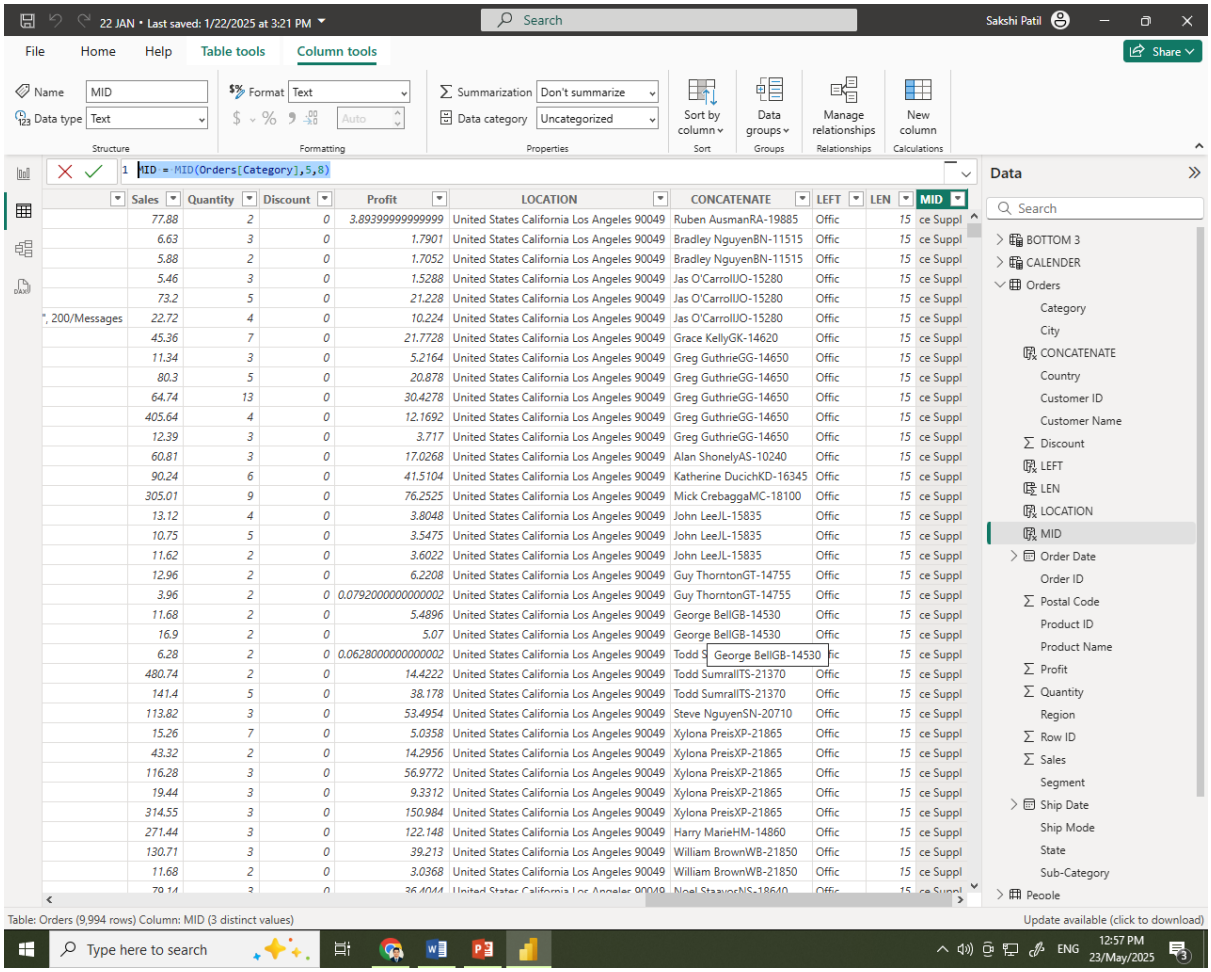


Sales	Quantity	Discount	Profit	LOCATION	CONCATENATE	LEFT	LEN
77.88	2	0	3.89399999999999	United States California Los Angeles 90049	Ruben AusmanRA-19885	Offic	15
6.63	3	0	1.7901	United States California Los Angeles 90049	Bradley NguyenBN-11515	Offic	15
5.88	2	0	1.7052	United States California Los Angeles 90049	Bradley NguyenBN-11515	Offic	15
5.46	3	0	1.5288	United States California Los Angeles 90049	Jas O'CarrollJO-15280	Offic	15
73.2	5	0	21.228	United States California Los Angeles 90049	Jas O'CarrollJO-15280	Offic	15
1/4"X8 1/2", 200/Messages	22.72	4	0	10.224	United States California Los Angeles 90049	Jas O'CarrollJO-15280	Offic	15
45.36	7	0	21.7728	United States California Los Angeles 90049	Grace KellyGK-14620	Offic	15
11.34	3	0	5.2164	United States California Los Angeles 90049	Greg GuthrieGG-14650	Offic	15
80.3	5	0	20.878	United States California Los Angeles 90049	Greg GuthrieGG-14650	Offic	15
64.74	13	0	30.4278	United States California Los Angeles 90049	Greg GuthrieGG-14650	Offic	15
405.64	4	0	12.1692	United States California Los Angeles 90049	Greg GuthrieGG-14650	Offic	15
12.39	3	0	3.717	United States California Los Angeles 90049	Greg GuthrieGG-14650	Offic	15
60.81	3	0	17.0268	United States California Los Angeles 90049	Alan ShonelyAS-10240	Offic	15
90.24	6	0	41.5104	United States California Los Angeles 90049	Katherine DucichKD-16345	Offic	15
305.01	9	0	76.2525	United States California Los Angeles 90049	Mick CrebaggaMC-18100	Offic	15
13.12	4	0	3.8048	United States California Los Angeles 90049	John LeeJL-15835	Offic	15
10.75	5	0	3.5475	United States California Los Angeles 90049	John LeeJL-15835	Offic	15
11.62	2	0	3.6022	United States California Los Angeles 90049	John LeeJL-15835	Offic	15
12.96	2	0	6.2208	United States California Los Angeles 90049	Guy ThorntonGT-14755	Offic	15
3.96	2	0	0.0792000000000002	United States California Los Angeles 90049	Guy ThorntonGT-14755	Offic	15
11.68	2	0	5.4896	United States California Los Angeles 90049	George BellGB-14530	Offic	15
16.9	2	0	5.07	United States California Los Angeles 90049	George BellGB-14530	Offic	15
6.28	2	0	0.0628000000000002	United States California Los Angeles 90049	Todd SumrallTS-21370	Offic	15
480.74	2	0	14.4222	United States California Los Angeles 90049	Todd SumrallTS-21370	Offic	15
141.4	5	0	38.178	United States California Los Angeles 90049	Todd SumrallTS-21370	Offic	15
113.82	3	0	53.4954	United States California Los Angeles 90049	Steve NguyenSN-20710	Offic	15
15.26	7	0	5.0358	United States California Los Angeles 90049	Xylona PreisXP-21865	Offic	15
43.32	2	0	14.2956	United States California Los Angeles 90049	Xylona PreisXP-21865	Offic	15
116.28	3	0	56.9772	United States California Los Angeles 90049	Xylona PreisXP-21865	Offic	15
19.44	3	0	9.3312	United States California Los Angeles 90049	Xylona PreisXP-21865	Offic	15
314.55	3	0	150.984	United States California Los Angeles 90049	Xylona PreisXP-21865	Offic	15
271.44	3	0	122.148	United States California Los Angeles 90049	Harry MarieHM-14860	Offic	15
130.71	3	0	39.213	United States California Los Angeles 90049	William BrownWB-21850	Offic	15
11.68	2	0	3.0368	United States California Los Angeles 90049	William BrownWB-21850	Offic	15
79.14	3	0	36.4044	United States California Los Angeles 90049	Noel StaavosNS-18640	Offic	15

MID

ADD NEW COLUMN

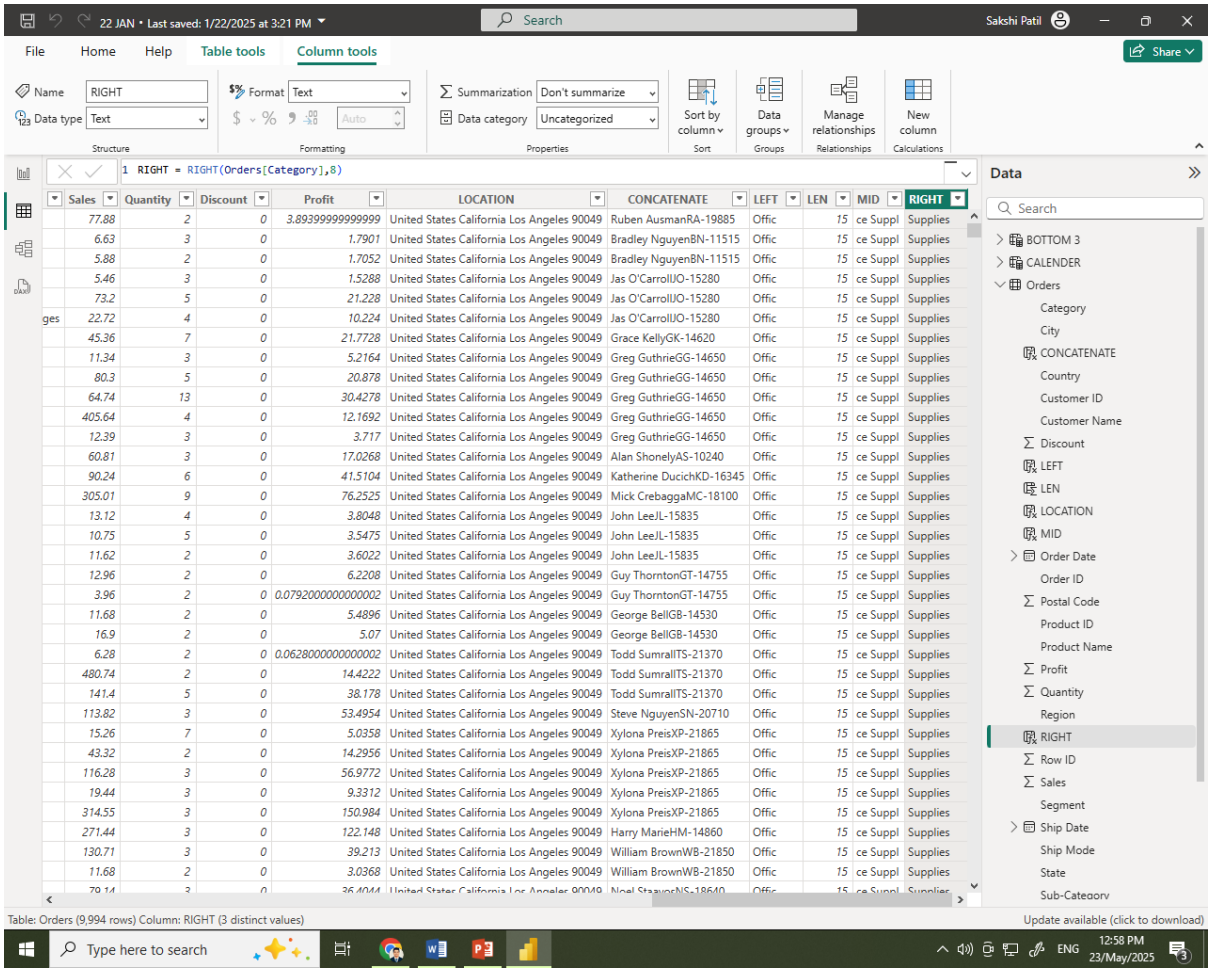
```
MID = MID(Orders[Category],5,8)
```



RIGHT

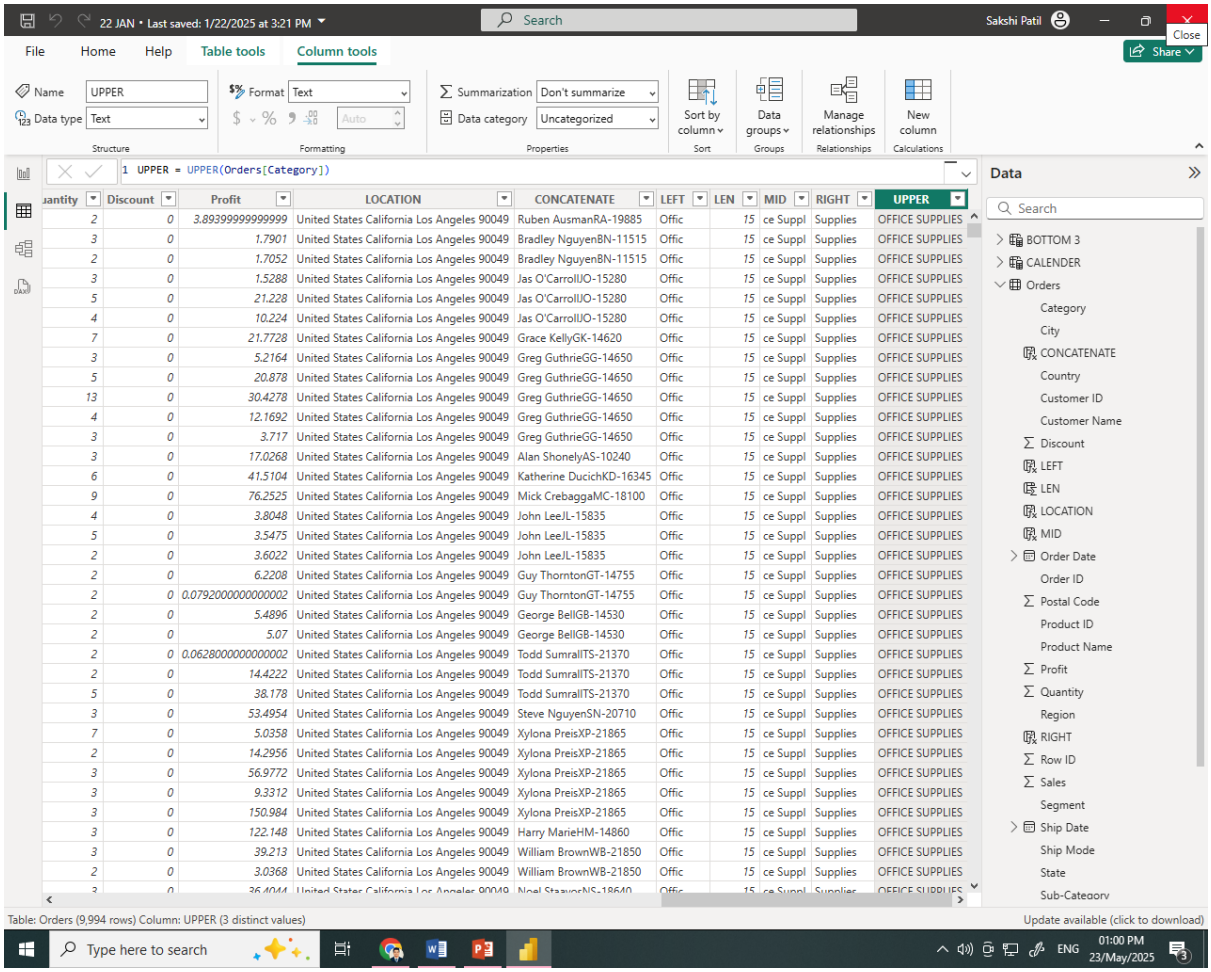
ADD NEW COLUMN

```
RIGHT = RIGHT(Orders[Category],8)
```



UPPER

```
UPPER = UPPER(Orders[Category])
```



SAME FOR LOWER

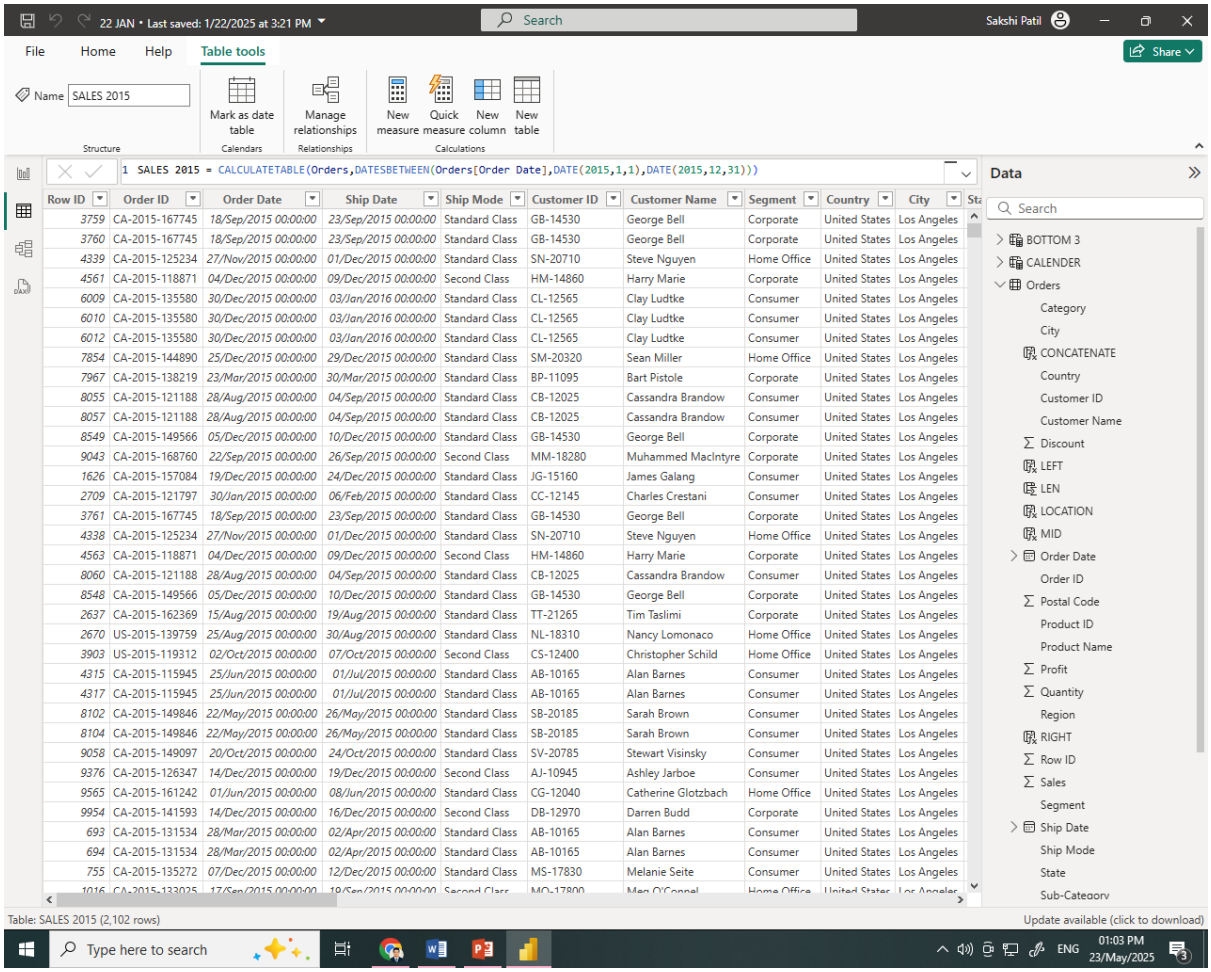
TRIM USED FOR REMOVE SPACE

DATESBETWEEN

IT WILL SHOW ONLY 2015 DATA

ADD NEW TABLE

```
SALES 2015 = CALCULATETABLE(Orders,DATESBETWEEN(Orders[Order
Date],DATE(2015,1,1),DATE(2015,12,31)))
```



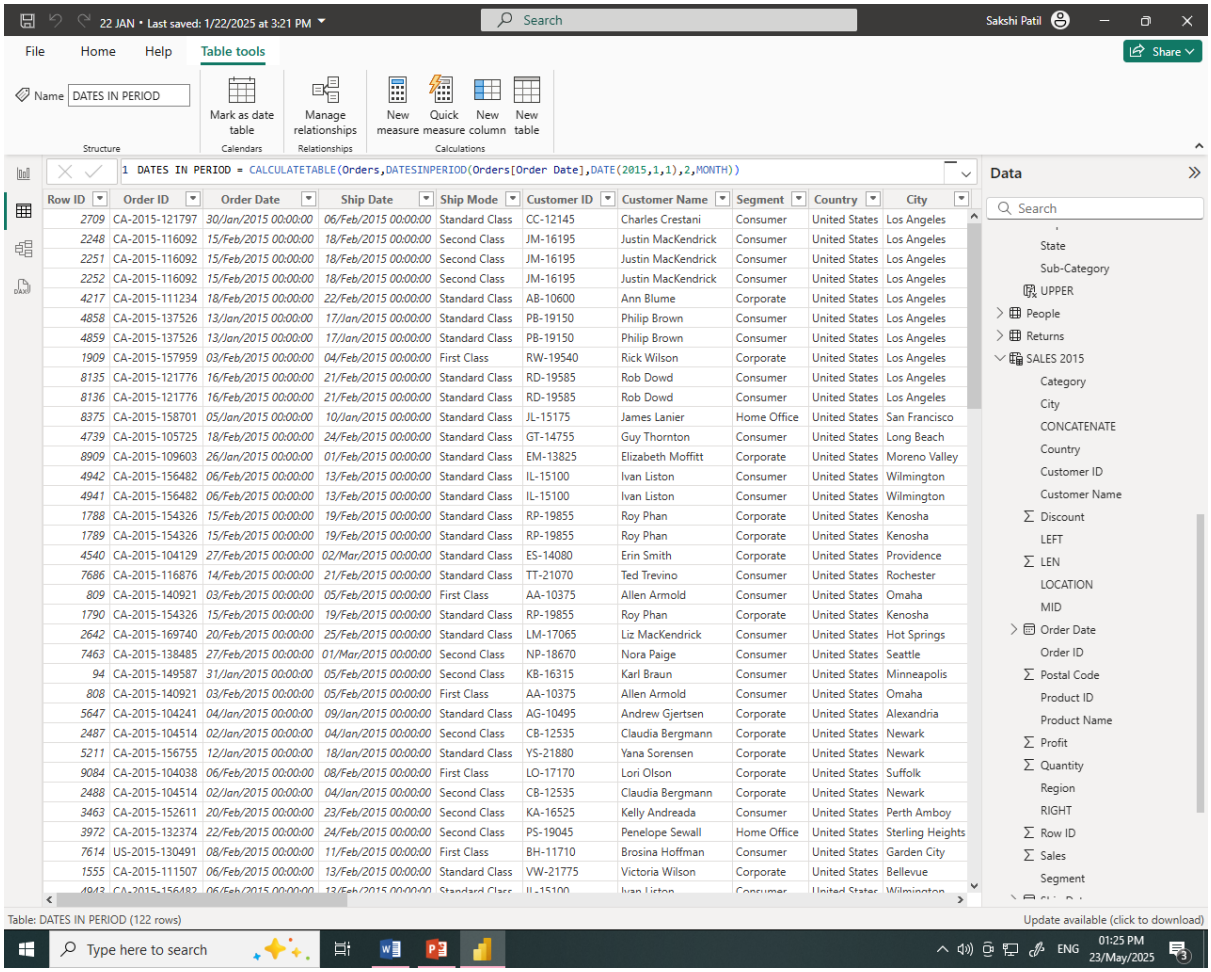
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City
3759	CA-2015-167745	18/Sep/2015 00:00:00	23/Sep/2015 00:00:00	Standard Class	GB-14530	George Bell	Corporate	United States	Los Angeles
3760	CA-2015-167745	18/Sep/2015 00:00:00	23/Sep/2015 00:00:00	Standard Class	GB-14530	George Bell	Corporate	United States	Los Angeles
4339	CA-2015-125234	27/Nov/2015 00:00:00	01/Dec/2015 00:00:00	Standard Class	SN-20710	Steve Nguyen	Home Office	United States	Los Angeles
4561	CA-2015-118871	04/Dec/2015 00:00:00	09/Dec/2015 00:00:00	Second Class	HM-14860	Harry Marie	Corporate	United States	Los Angeles
6009	CA-2015-135580	30/Dec/2015 00:00:00	03/Jan/2016 00:00:00	Standard Class	CL-12565	Clay Ludtke	Consumer	United States	Los Angeles
6010	CA-2015-135580	30/Dec/2015 00:00:00	03/Jan/2016 00:00:00	Standard Class	CL-12565	Clay Ludtke	Consumer	United States	Los Angeles
6012	CA-2015-135580	30/Dec/2015 00:00:00	03/Jan/2016 00:00:00	Standard Class	CL-12565	Clay Ludtke	Consumer	United States	Los Angeles
7854	CA-2015-144890	25/Dec/2015 00:00:00	29/Dec/2015 00:00:00	Standard Class	SM-20320	Sean Miller	Home Office	United States	Los Angeles
7967	CA-2015-138219	23/Mar/2015 00:00:00	30/Mar/2015 00:00:00	Standard Class	BP-11095	Bart Pistole	Corporate	United States	Los Angeles
8055	CA-2015-121188	28/Aug/2015 00:00:00	04/Sep/2015 00:00:00	Standard Class	CB-12025	Cassandra Brandow	Consumer	United States	Los Angeles
8057	CA-2015-121188	28/Aug/2015 00:00:00	04/Sep/2015 00:00:00	Standard Class	CB-12025	Cassandra Brandow	Consumer	United States	Los Angeles
8549	CA-2015-149566	05/Dec/2015 00:00:00	10/Dec/2015 00:00:00	Standard Class	GB-14530	George Bell	Corporate	United States	Los Angeles
9043	CA-2015-168760	22/Sep/2015 00:00:00	26/Sep/2015 00:00:00	Second Class	MM-18280	Muhammed MacIntyre	Corporate	United States	Los Angeles
1626	CA-2015-157084	19/Dec/2015 00:00:00	24/Dec/2015 00:00:00	Standard Class	JG-15160	James Galang	Consumer	United States	Los Angeles
2709	CA-2015-121797	30/Jan/2015 00:00:00	06/Feb/2015 00:00:00	Standard Class	CC-12145	Charles Crestani	Consumer	United States	Los Angeles
3761	CA-2015-167745	18/Sep/2015 00:00:00	23/Sep/2015 00:00:00	Standard Class	GB-14530	George Bell	Corporate	United States	Los Angeles
4338	CA-2015-125234	27/Nov/2015 00:00:00	01/Dec/2015 00:00:00	Standard Class	SN-20710	Steve Nguyen	Home Office	United States	Los Angeles
4563	CA-2015-118871	04/Dec/2015 00:00:00	09/Dec/2015 00:00:00	Second Class	HM-14860	Harry Marie	Corporate	United States	Los Angeles
8060	CA-2015-121188	28/Aug/2015 00:00:00	04/Sep/2015 00:00:00	Standard Class	CB-12025	Cassandra Brandow	Consumer	United States	Los Angeles
8548	CA-2015-149566	05/Dec/2015 00:00:00	10/Dec/2015 00:00:00	Standard Class	GB-14530	George Bell	Corporate	United States	Los Angeles
2637	CA-2015-162369	15/Aug/2015 00:00:00	19/Aug/2015 00:00:00	Standard Class	TT-21265	Tim Taslimi	Corporate	United States	Los Angeles
2670	US-2015-139759	25/Aug/2015 00:00:00	30/Aug/2015 00:00:00	Standard Class	NL-18310	Nancy Lomonaco	Home Office	United States	Los Angeles
3903	US-2015-119312	02/Oct/2015 00:00:00	07/Oct/2015 00:00:00	Second Class	CS-12400	Christopher Schild	Home Office	United States	Los Angeles
4315	CA-2015-115945	25/Jun/2015 00:00:00	01/Jul/2015 00:00:00	Standard Class	AB-10165	Alan Barnes	Consumer	United States	Los Angeles
4317	CA-2015-115945	25/Jun/2015 00:00:00	01/Jul/2015 00:00:00	Standard Class	AB-10165	Alan Barnes	Consumer	United States	Los Angeles
8102	CA-2015-149846	22/May/2015 00:00:00	26/May/2015 00:00:00	Standard Class	SB-20185	Sarah Brown	Consumer	United States	Los Angeles
8104	CA-2015-149846	22/May/2015 00:00:00	26/May/2015 00:00:00	Standard Class	SB-20185	Sarah Brown	Consumer	United States	Los Angeles
9058	CA-2015-149097	20/Oct/2015 00:00:00	24/Oct/2015 00:00:00	Standard Class	SV-20785	Stewart Visinsky	Consumer	United States	Los Angeles
9376	CA-2015-126347	14/Dec/2015 00:00:00	19/Dec/2015 00:00:00	Second Class	AJ-10945	Ashley Jarboe	Consumer	United States	Los Angeles
9565	CA-2015-161242	01/Jun/2015 00:00:00	08/Jun/2015 00:00:00	Standard Class	CG-12040	Catherine Glotzbach	Home Office	United States	Los Angeles
9954	CA-2015-141593	14/Dec/2015 00:00:00	16/Dec/2015 00:00:00	Second Class	DB-12970	Darren Budd	Corporate	United States	Los Angeles
693	CA-2015-131534	28/Mar/2015 00:00:00	02/Apr/2015 00:00:00	Standard Class	AB-10165	Alan Barnes	Consumer	United States	Los Angeles
694	CA-2015-131534	28/Mar/2015 00:00:00	02/Apr/2015 00:00:00	Standard Class	AB-10165	Alan Barnes	Consumer	United States	Los Angeles
755	CA-2015-135272	07/Dec/2015 00:00:00	12/Dec/2015 00:00:00	Standard Class	MS-17830	Melanie Seite	Consumer	United States	Los Angeles
1016	CA-2015-133025	17/Sep/2015 00:00:00	18/Sep/2015 00:00:00	Second Class	MO-17800	Meg O'Connel	Home Office	United States	Los Angeles

DATES IN PERIOD

ADD NEW TABLE

SHOWS ONLY TWO MONTH DATA

```
DATES IN PERIOD = CALCULATETABLE(Orders,DATESINPERIOD(Orders[Order Date],DATE(2015,1,1),2,MONTH))
```



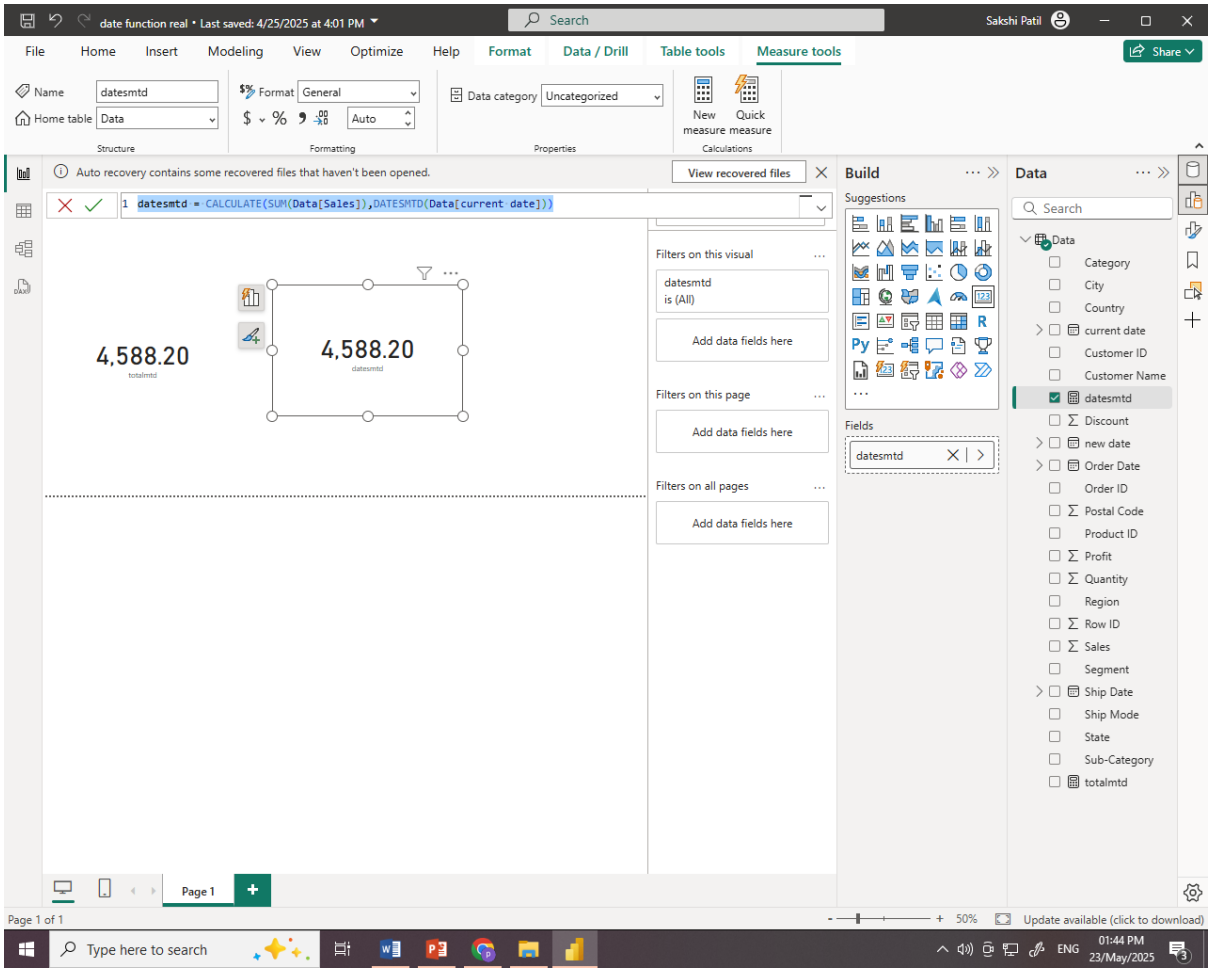
Dates mtd

Make measures

Month to date

In global data or sample super store data file add new column with new name current date, add current date from bottom to up.

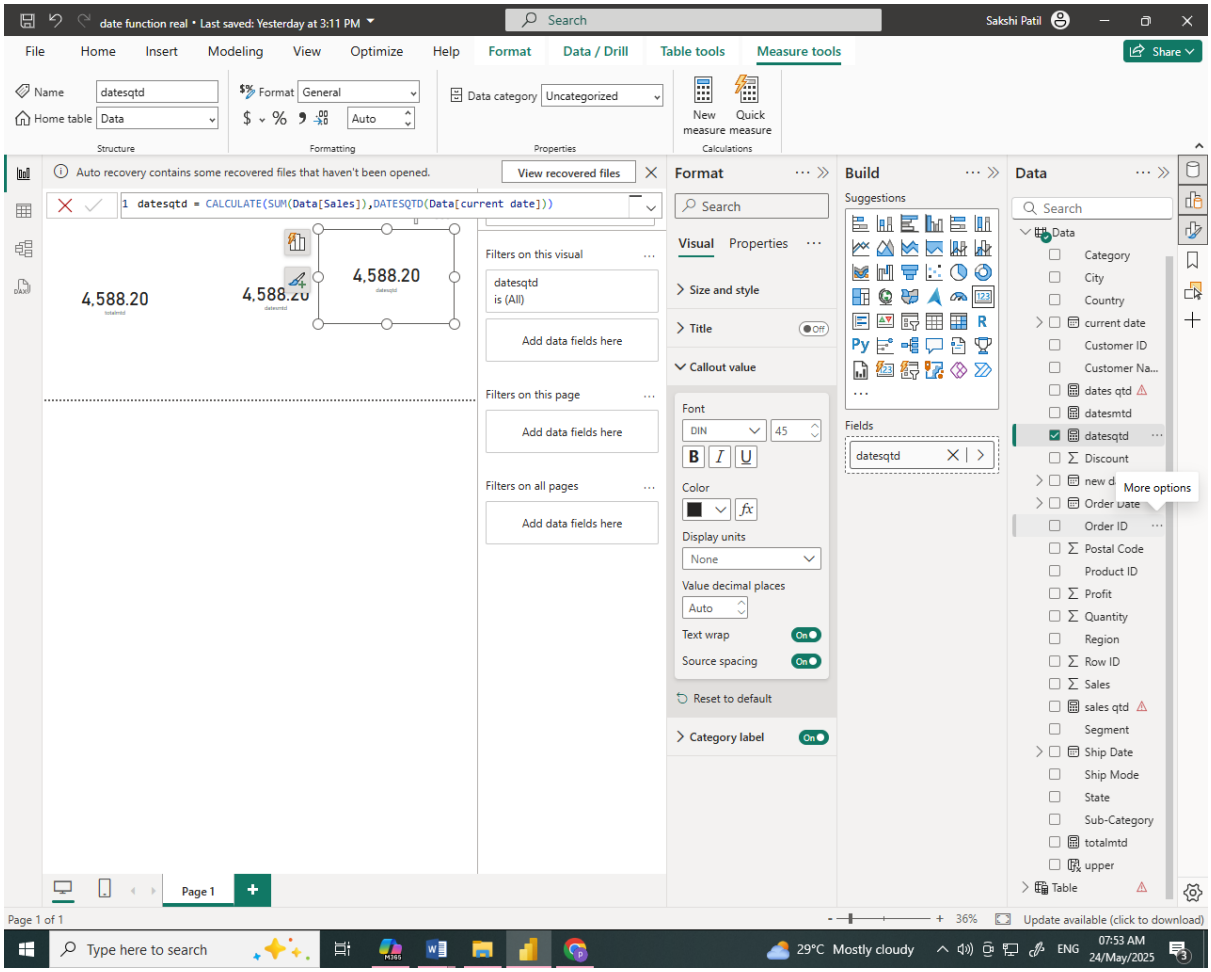
```
datesmtd = CALCULATE(SUM(Data[Sales]),DATESMTD(Data[current date]))
```



Dates qtd

Make measures

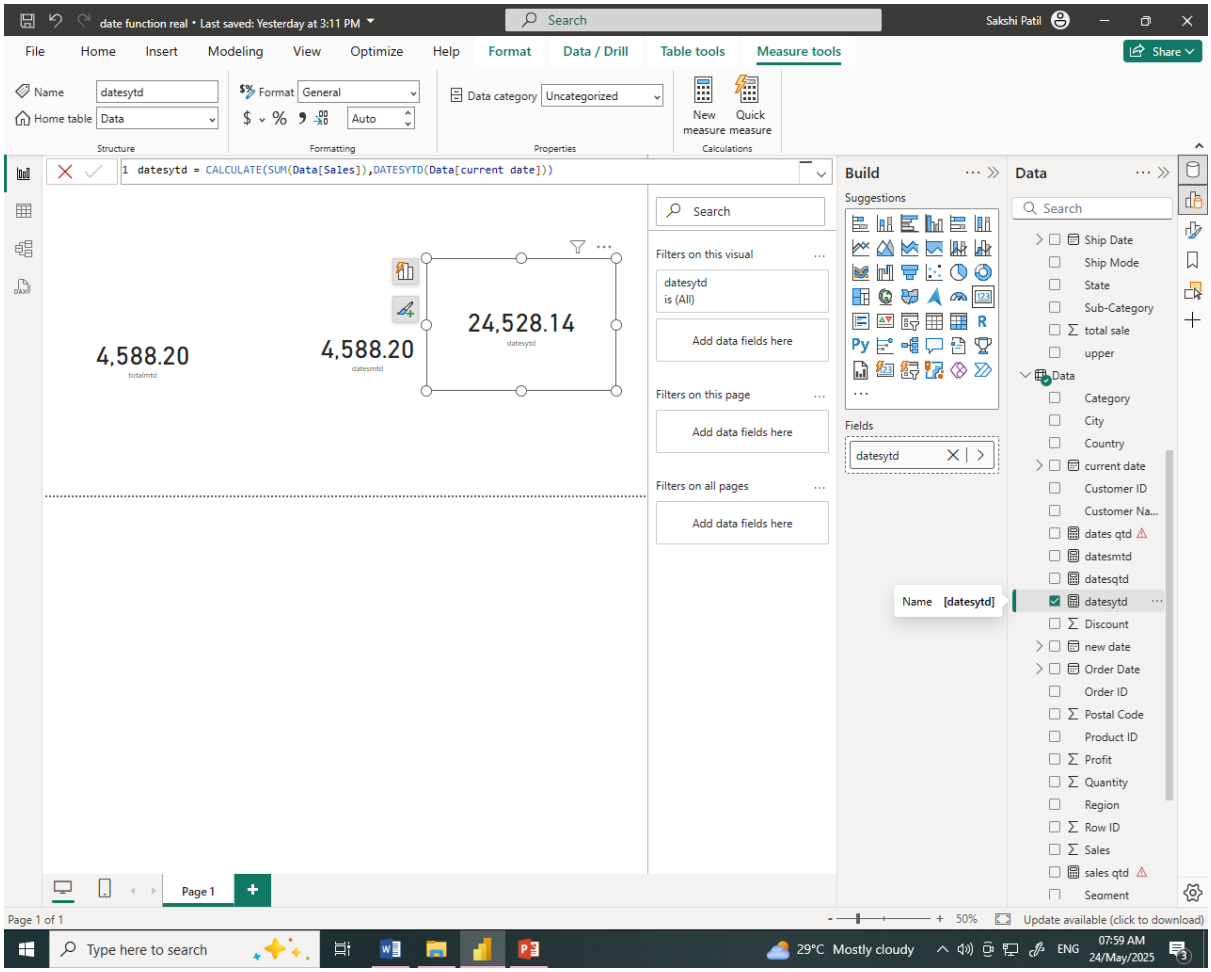
```
datesqtd = CALCULATE(SUM(Data[Sales]),DATESQTD(Data[current date]))
```



Datesytd

Make measure

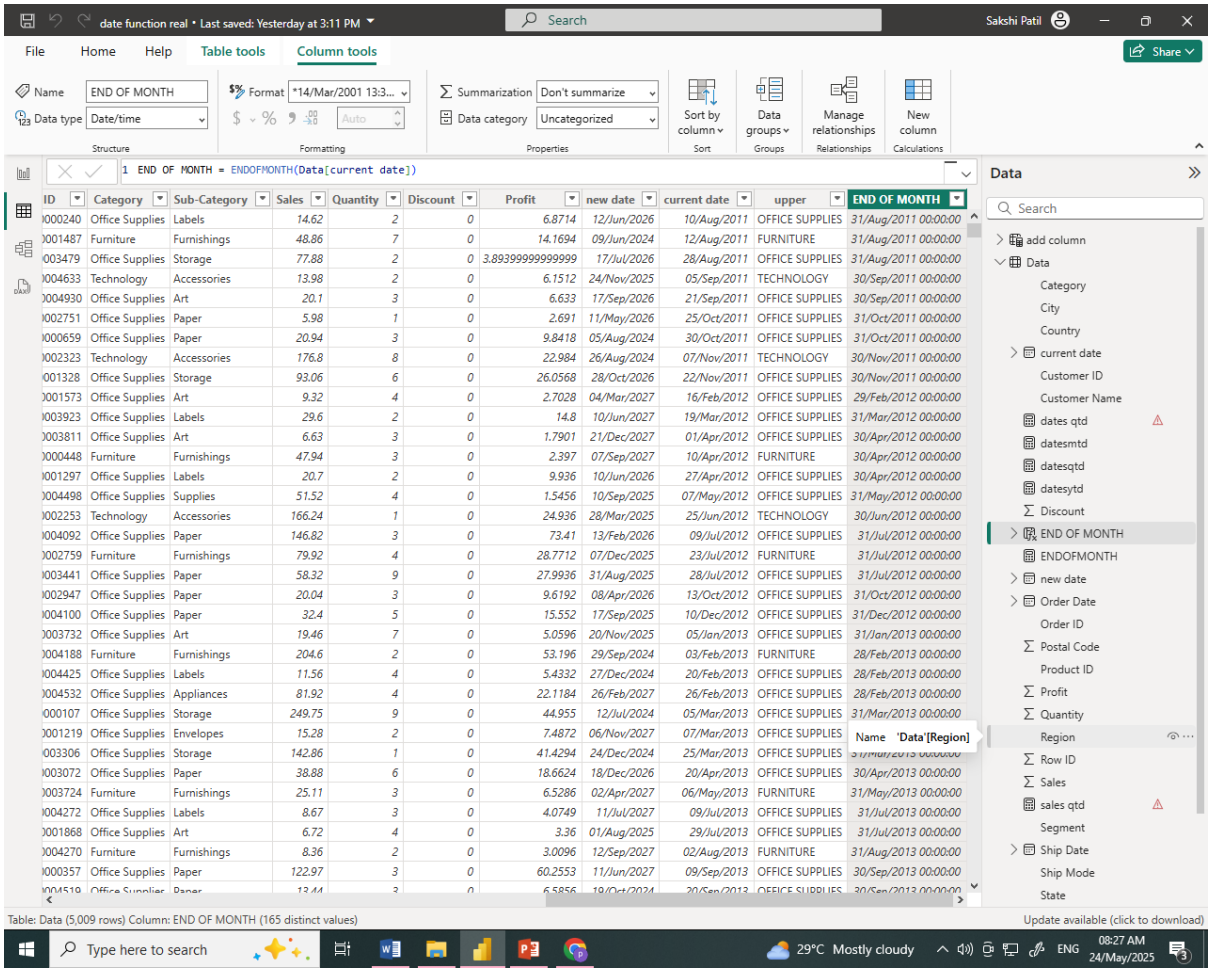
```
datesytd = CALCULATE(SUM(Data[Sales]),DATESYTD(Data[current date]))
```



END OF MONTH

MAKE NEW COLUMN

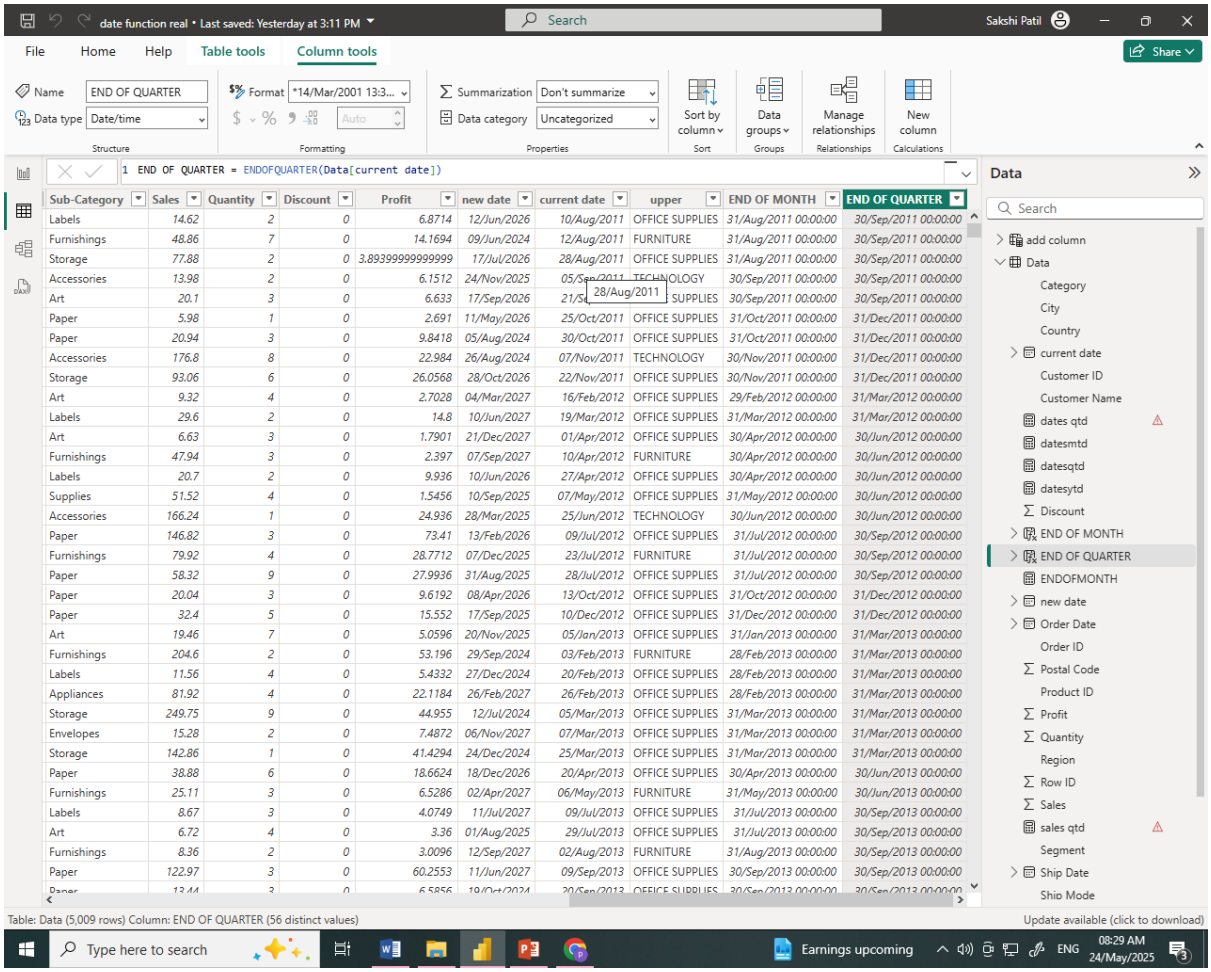
```
END OF MONTH = ENDOFMONTH(Data[current date])
```



END OF QUARTER

ADD NEW COLUMN

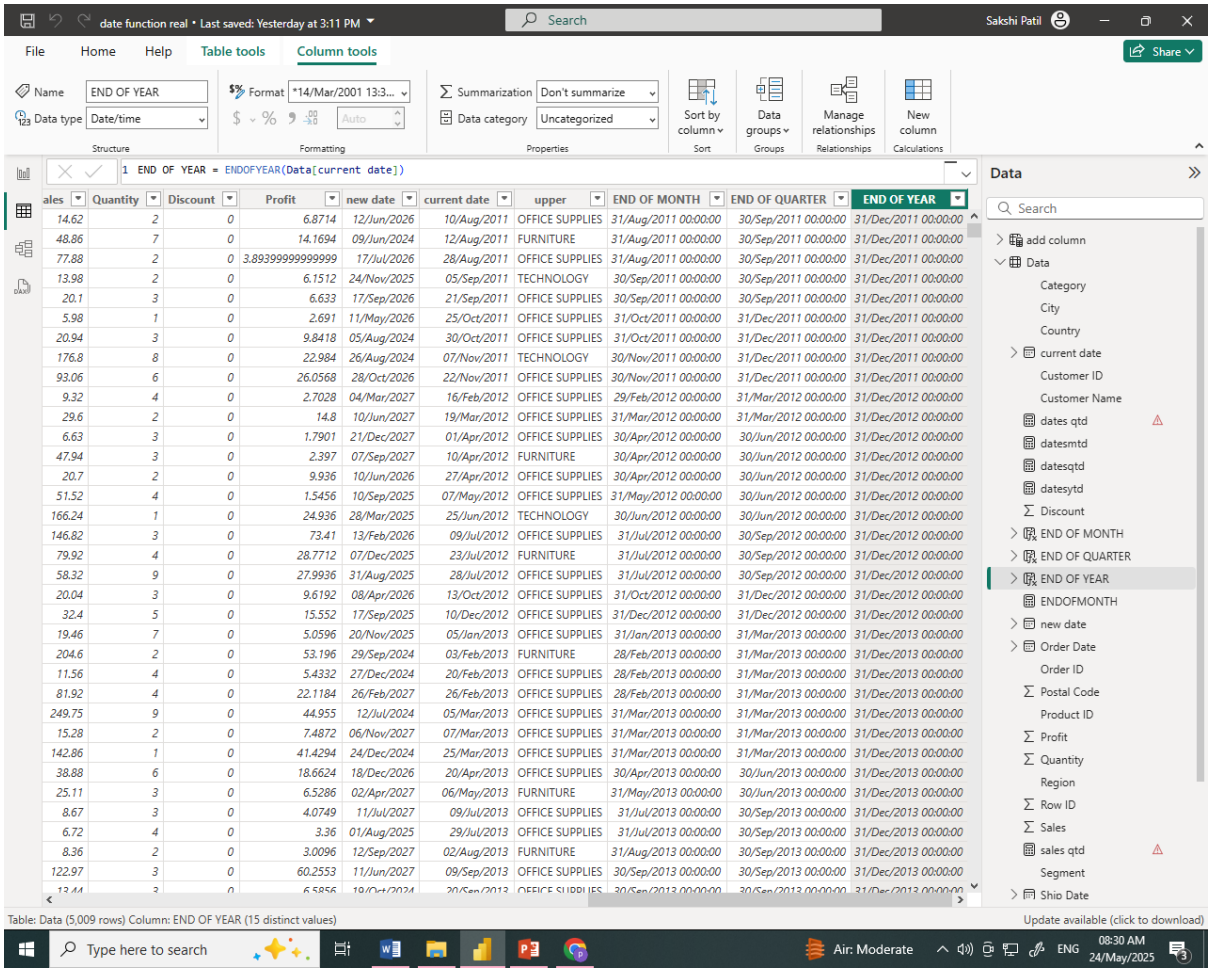
```
END OF QUARTER = ENDOFQUARTER(Data[current date])
```



END OF YEAR

MAKE NEW COLUMN

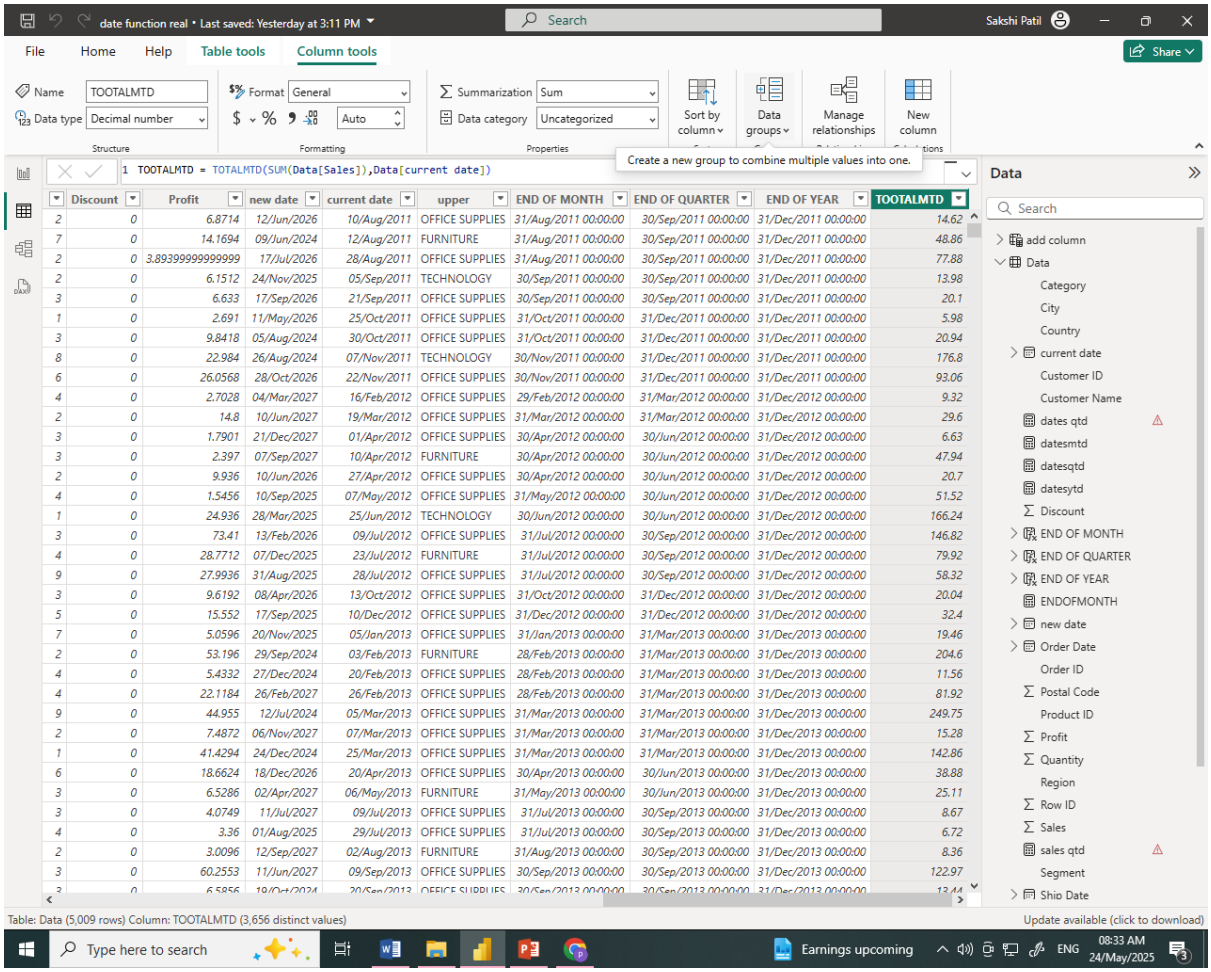
```
END OF YEAR = ENDOFYEAR(Data[current date])
```



TOTAL MTD

MAKE NEW COLUMN

```
TOOTALMTD = TOTALMTD(SUM(Data[Sales]),Data[current date])
```

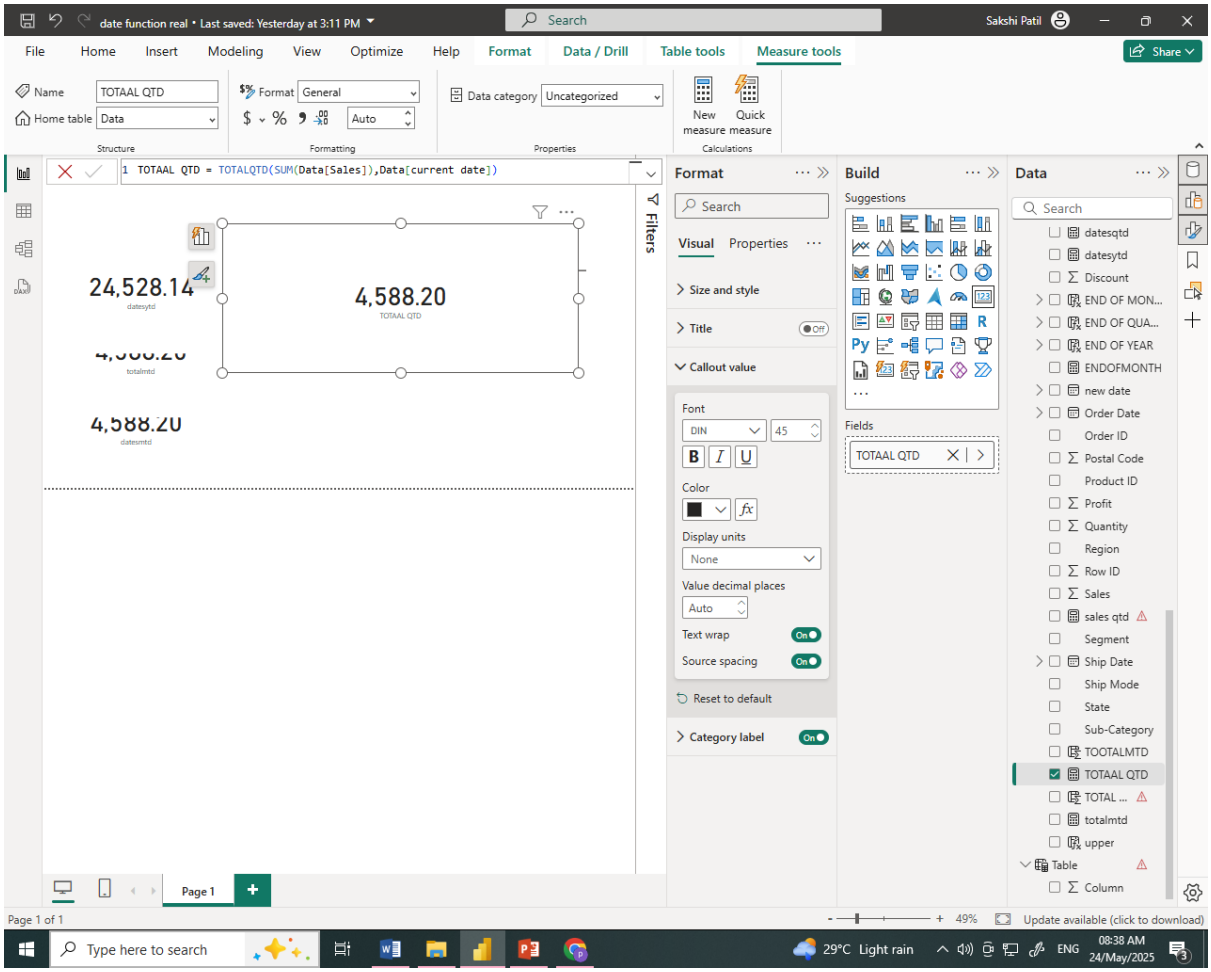


Discount	Profit	new date	current date	upper	END OF MONTH	END OF QUARTER	END OF YEAR	TOOTALMTD
0	6.8714	12/Jun/2026	10/Aug/2011	OFFICE SUPPLIES	31/Aug/2011 00:00:00	30/Sep/2011 00:00:00	31/Dec/2011 00:00:00	14.62
0	14.1694	09/Jun/2024	12/Aug/2011	FURNITURE	31/Aug/2011 00:00:00	30/Sep/2011 00:00:00	31/Dec/2011 00:00:00	48.86
0	3.89399999999999	17/Jul/2026	28/Aug/2011	OFFICE SUPPLIES	31/Aug/2011 00:00:00	30/Sep/2011 00:00:00	31/Dec/2011 00:00:00	77.88
0	6.1512	24/Nov/2025	05/Sep/2011	TECHNOLOGY	30/Sep/2011 00:00:00	30/Sep/2011 00:00:00	31/Dec/2011 00:00:00	13.98
0	6.633	17/Sep/2026	21/Sep/2011	OFFICE SUPPLIES	30/Sep/2011 00:00:00	30/Sep/2011 00:00:00	31/Dec/2011 00:00:00	20.1
0	2.691	11/May/2026	25/Oct/2011	OFFICE SUPPLIES	31/Oct/2011 00:00:00	31/Dec/2011 00:00:00	31/Dec/2011 00:00:00	5.98
0	9.8418	05/Aug/2024	30/Oct/2011	OFFICE SUPPLIES	31/Oct/2011 00:00:00	31/Dec/2011 00:00:00	31/Dec/2011 00:00:00	20.94
0	22.984	26/Aug/2024	07/Nov/2011	TECHNOLOGY	30/Nov/2011 00:00:00	31/Dec/2011 00:00:00	31/Dec/2011 00:00:00	176.8
0	26.0568	28/Oct/2026	22/Nov/2011	OFFICE SUPPLIES	30/Nov/2011 00:00:00	31/Dec/2011 00:00:00	31/Dec/2011 00:00:00	93.06
0	2.7028	04/Mar/2027	16/Feb/2012	OFFICE SUPPLIES	29/Feb/2012 00:00:00	31/Mar/2012 00:00:00	31/Dec/2012 00:00:00	9.32
0	14.8	10/Jun/2027	19/Mar/2012	OFFICE SUPPLIES	31/Mar/2012 00:00:00	31/Mar/2012 00:00:00	31/Dec/2012 00:00:00	29.6
0	1.7901	21/Dec/2027	01/Apr/2012	OFFICE SUPPLIES	30/Apr/2012 00:00:00	30/Jun/2012 00:00:00	31/Dec/2012 00:00:00	6.63
0	2.397	07/Sep/2027	10/Apr/2012	FURNITURE	30/Apr/2012 00:00:00	30/Jun/2012 00:00:00	31/Dec/2012 00:00:00	47.94
0	9.936	10/Jun/2026	27/Apr/2012	OFFICE SUPPLIES	30/Apr/2012 00:00:00	30/Jun/2012 00:00:00	31/Dec/2012 00:00:00	20.7
0	1.5456	10/Sep/2025	07/May/2012	OFFICE SUPPLIES	31/May/2012 00:00:00	30/Jun/2012 00:00:00	31/Dec/2012 00:00:00	51.52
0	24.936	28/Mar/2025	25/Jun/2012	TECHNOLOGY	30/Jun/2012 00:00:00	30/Jun/2012 00:00:00	31/Dec/2012 00:00:00	166.24
0	73.41	13/Feb/2026	09/Jul/2012	OFFICE SUPPLIES	31/Jul/2012 00:00:00	30/Sep/2012 00:00:00	31/Dec/2012 00:00:00	146.82
0	28.7712	07/Dec/2025	23/Jul/2012	FURNITURE	31/Jul/2012 00:00:00	30/Sep/2012 00:00:00	31/Dec/2012 00:00:00	79.92
0	27.9936	31/Aug/2025	28/Jul/2012	OFFICE SUPPLIES	31/Jul/2012 00:00:00	30/Sep/2012 00:00:00	31/Dec/2012 00:00:00	58.32
0	9.6192	08/Apr/2026	13/Oct/2012	OFFICE SUPPLIES	31/Oct/2012 00:00:00	31/Dec/2012 00:00:00	31/Dec/2012 00:00:00	20.04
0	15.552	17/Sep/2025	10/Dec/2012	OFFICE SUPPLIES	31/Dec/2012 00:00:00	31/Dec/2012 00:00:00	31/Dec/2012 00:00:00	32.4
0	5.0596	20/Nov/2025	05/Jan/2013	OFFICE SUPPLIES	31/Jan/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	19.46
0	53.196	29/Sep/2024	03/Feb/2013	FURNITURE	28/Feb/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	204.6
0	5.4332	27/Dec/2024	20/Feb/2013	OFFICE SUPPLIES	28/Feb/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	11.56
0	22.1184	26/Feb/2027	26/Feb/2013	OFFICE SUPPLIES	28/Feb/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	81.92
0	44.955	12/Jul/2024	05/Mar/2013	OFFICE SUPPLIES	31/Mar/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	249.75
0	7.4872	06/Nov/2027	07/Mar/2013	OFFICE SUPPLIES	31/Mar/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	15.28
0	41.4294	24/Dec/2024	25/Mar/2013	OFFICE SUPPLIES	31/Mar/2013 00:00:00	31/Mar/2013 00:00:00	31/Dec/2013 00:00:00	142.86
0	18.6624	18/Dec/2026	20/Apr/2013	OFFICE SUPPLIES	30/Apr/2013 00:00:00	30/Jun/2013 00:00:00	31/Dec/2013 00:00:00	38.88
0	6.5286	02/Apr/2027	06/May/2013	FURNITURE	31/May/2013 00:00:00	30/Jun/2013 00:00:00	31/Dec/2013 00:00:00	25.11
0	4.0749	11/Jul/2027	09/Jul/2013	OFFICE SUPPLIES	31/Jul/2013 00:00:00	30/Sep/2013 00:00:00	31/Dec/2013 00:00:00	8.67
0	3.36	01/Aug/2025	29/Jul/2013	OFFICE SUPPLIES	31/Jul/2013 00:00:00	30/Sep/2013 00:00:00	31/Dec/2013 00:00:00	6.72
0	3.0096	12/Sep/2027	02/Aug/2013	FURNITURE	31/Aug/2013 00:00:00	30/Sep/2013 00:00:00	31/Dec/2013 00:00:00	8.36
0	60.2553	11/Jun/2027	09/Sep/2013	OFFICE SUPPLIES	30/Sep/2013 00:00:00	30/Sep/2013 00:00:00	31/Dec/2013 00:00:00	122.97

TOTAL QTD

MAKE NEW MEASURES

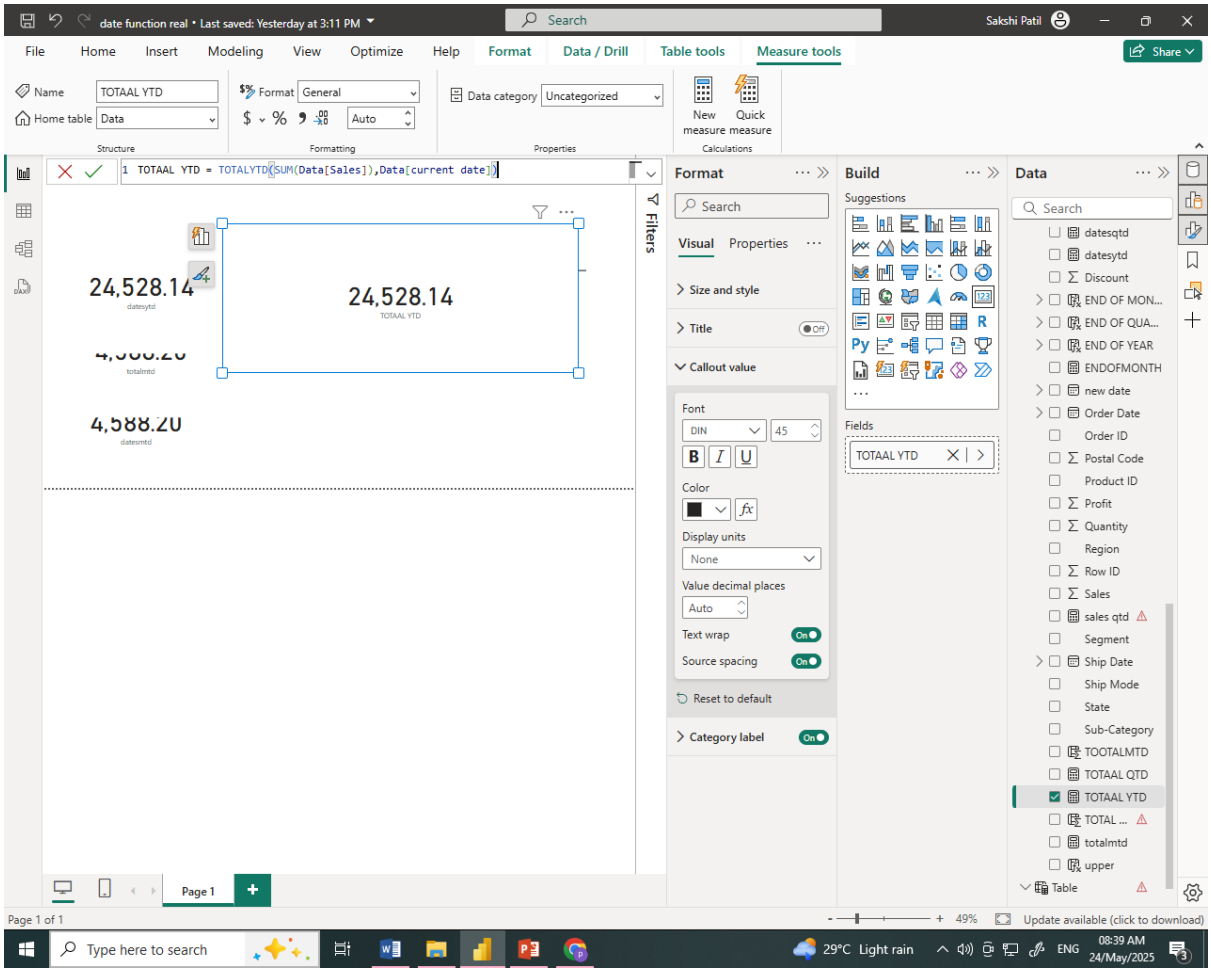
```
TOTAAL QTD = TOTALQTD(SUM(Data[Sales]),Data[current date])
```



TOTAL YTD

MAKE NEW MEASURES

```
TOTAAL YTD = TOTALYTD(SUM(Data[Sales]),Data[current date])
```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Search
Sakshi Patil
File
Home
Insert
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View
Optimize
Help
Format
Data / Drill
Table tools
Measure tools
Share
Name
TOTAAL YTD
Home table
Data
Format
General
Auto
Data category
Uncategorized
New measure
Quick measure
Structure
Formatting
Properties
Calculations
1 TOTAAL YTD = TOTALYTD(SUM(Data[Sales]),Data[current date])
24,528.14
datesytd
24,528.14
TOTAAL YTD
totalmtd
4,588.20
datesmtd
Filters
Format
Search
Visual
Properties
Size and style
Title
Off
Callout value
Font
DIN
45
Color
Display units
None
Value decimal places
Auto
Text wrap
On
Source spacing
On
Reset to default
Category label
On
Build
Suggestions
Fields
TOTAAL YTD
Data
Search
datesqtd
datesytd
Discount
END OF MON...
END OF QUA...
END OF YEAR
ENDOFMONTH
new date
Order Date
Order ID
Postal Code
Product ID
Profit
Quantity
Region
Row ID
Sales
sales qtd
Segment
Ship Date
Ship Mode
State
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TOOTALMTD
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Table
Page 1
Page 1 of 1
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24/May/2025