

MEASURES

SUMX

EAST REGION TOTAL SALE = `SUMX(FILTER(Data,Data[Region]="East"),Data[Sales])`

DISTINCTCOUNT

COUNT OF REGION = `DISTINCTCOUNT(Data[Region])`

PRODUCTX

jim sink qty product = `PRODUCTX(FILTER(Data,Data[Customer Name]="Jim Sink"),Data[Quantity])`

MAXX

MAX SALE OF OFFICE SUPPLIES = `MAXX(FILTER(Data,Data[Category]="Office Supplies"),Data[Sales])`

COUNTX

PROFIT CUST COUNT = `COUNTX(FILTER(Data,Data[Profit]>0),Data[Customer ID])`

NEW COLUMN

DATEDIFF

order shipping day = `DATEDIFF(Data[Order Date],Data[Ship Date],DAY)`

DIFFERENCE BETWEEN 2 DATES

The screenshot displays the Microsoft Excel interface. The main window shows a data table with columns: Month, Start of Month, End of Month, Days in Month, Month Name, Quarter, Start of Quarter, End of Quarter, and ORDER SHIPPING DAY. The 'ORDER SHIPPING DAY' column is highlighted in green. The formula bar shows the formula: `ORDER SHIPPING DAY = DATEDIFF(Data[Order Date],Data[Ship Date],DAY)`. The right sidebar shows the 'Data' pane with a search bar and a list of data fields. The bottom status bar indicates 'Table: Data (5,009 rows) Column: ORDER SHIPPING DAY (8 distinct values)'. The Windows taskbar at the bottom shows the time as 08:57 AM on 08/Jul/2025.

NOW

now = `UTCNOW()`

ADD NEW COLUMN IN DATA

EDATE

2 month add = `EDATE(Data[Order Date],2)`

DAY

days = `DAY(Data[Order Date])`

hour2 = `HOUR("July 9, 2025 7:42 AM")`

TABLE

CALENDER

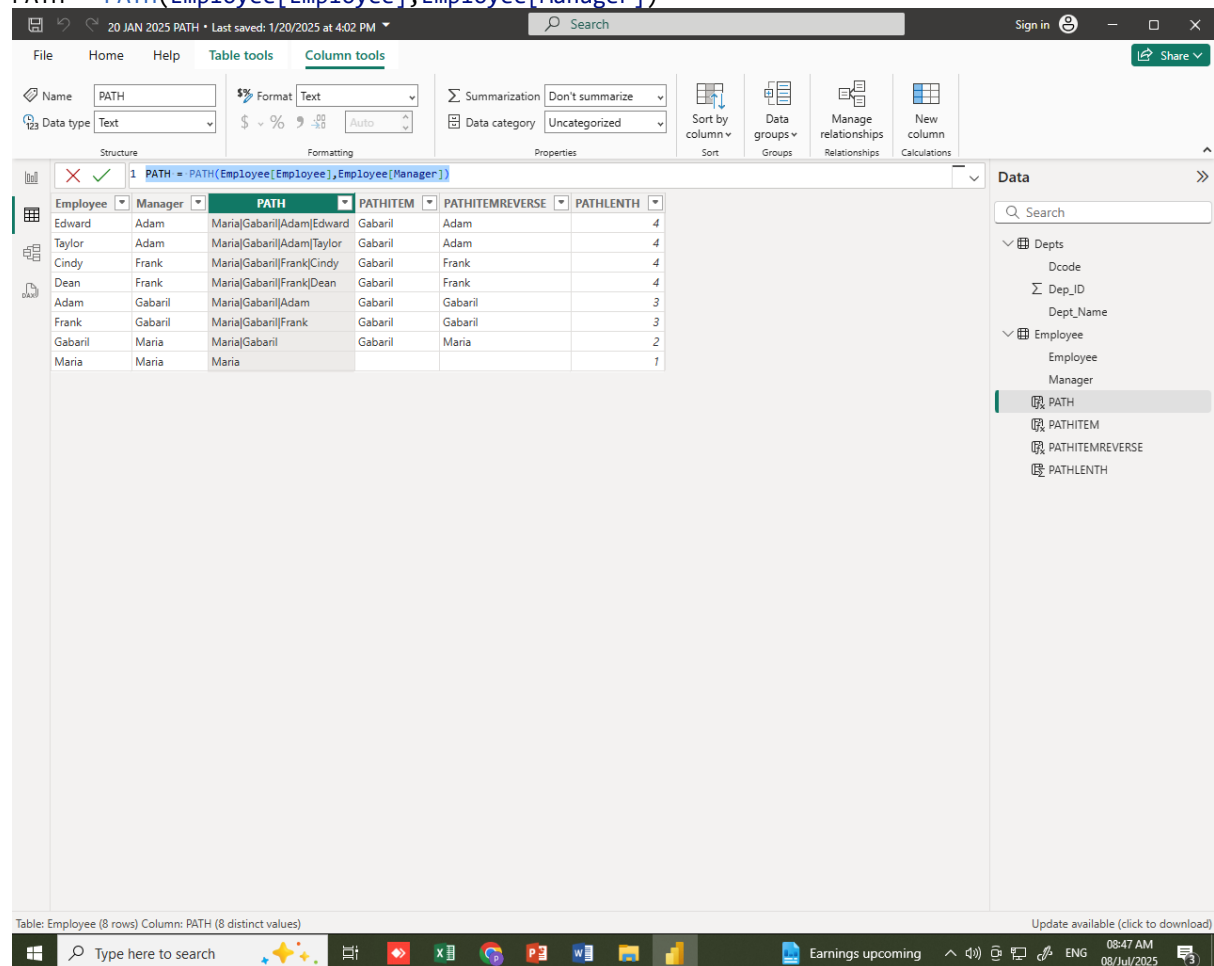
calender = `CALENDAR(DATE(2024,1,1),DATE(2025,1,1))`

RELATION

PROFIT = `SUMX(RELATEDTABLE(Orders),Orders[Profit])`

PERSON = `RELATED(People[Person])`

PATH = `PATH(Employee[Employee],Employee[Manager])`



20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

File Home Help Table tools Column tools

Name: PATH Format: Text Summarization: Don't summarize Data category: Uncategorized Sort by column: Sort Data groups: Groups Manage relationships: Relationships New column: Calculations

Structure: 1 PATH = PATH(Employee[Employee],Employee[Manager])

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENGTH
Edward	Adam	Maria[Gabril]AdamEdward	Gabril	Adam	4
Taylor	Adam	Maria[Gabril]AdamTaylor	Gabril	Adam	4
Cindy	Frank	Maria[Gabril]FrankCindy	Gabril	Frank	4
Dean	Frank	Maria[Gabril]FrankDean	Gabril	Frank	4
Adam	Gabril	Maria[Gabril]Adam	Gabril	Gabril	3
Frank	Gabril	Maria[Gabril]Frank	Gabril	Gabril	3
Gabril	Maria	Maria[Gabril]	Gabril	Maria	2
Maria	Maria	Maria			1

Data: Search

- Depts
 - Dcode
 - Dep_ID
 - Dept_Name
- Employee
 - Employee
 - Manager
 - PATH
 - PATHITEM
 - PATHITEMREVERSE
 - PATHLENGTH

Table: Employee (8 rows) Column: PATH (8 distinct values) Update available (click to download)

Windows taskbar: Type here to search, Earnings upcoming, 08:47 AM 08/Jul/2025

PATHITEM = `PATHITEM(Employee[PATH],2,TEXT)`

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

File Home Help Table tools Column tools

Name PATHITEM Format Text Summarization Don't summarize Data category Uncategorized

Data type Text

Structure Formatting Properties Sort by column Groups Manage relationships New column Calculations

1 PATHITEM = PATHITEM(Employee[PATH],2,TEXT)

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENTH
Edward	Adam	Maria[Gabari Adam Edward	Gabari	Adam	4
Taylor	Adam	Maria[Gabari Adam Taylor	Gabari	Adam	4
Cindy	Frank	Maria[Gabari Frank Cindy	Gabari	Frank	4
Dean	Frank	Maria[Gabari Frank Dean	Gabari	Frank	4
Adam	Gabari	Maria[Gabari Adam	Gabari	Gabari	3
Frank	Gabari	Maria[Gabari Frank	Gabari	Gabari	3
Gabari	Maria	Maria[Gabari	Gabari	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATHITEM (2 distinct values)

Update available (click to download)

PATHITEMREVERSE = PATHITEMREVERSE(Employee[PATH],2,TEXT)

PATHLENTH = PATHLENGTH(Employee[PATH])

CALCULATE

MAKE MEASURES

sales by order date =

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

Search

Sign in

File Home Help Table tools Column tools

Name: PATHITEMREVERSE Format: Text Summarization: Don't summarize Data category: Uncategorized

Data type: Text

Sort by column: Sort Data groups: Groups Manage relationships: Relationships New column: Calculations

Structure: 1 PATHITEMREVERSE = PATHITEMREVERSE(Employee[PATH],2,TEXT)

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENGTH
Edward	Adam	Maria[Gabril]Adam[Edward]	Gabril	Adam	4
Taylor	Adam	Maria[Gabril]Adam[Taylor]	Gabril	Adam	4
Cindy	Frank	Maria[Gabril]Frank[Cindy]	Gabril	Frank	4
Dean	Frank	Maria[Gabril]Frank[Dean]	Gabril	Frank	4
Adam	Gabril	Maria[Gabril]Adam	Gabril	Gabril	3
Frank	Gabril	Maria[Gabril]Frank	Gabril	Gabril	3
Gabril	Maria	Maria[Gabril]	Gabril	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATHITEMREVERSE (5 distinct values)

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08:48 AM 08/10/2025

`CALCULATE(SUM(Orders[Sales]),TREATAS(VALUE(CALENDER[Date]),Orders[Order Date]))`

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

File Home Help Table tools Column tools

Name: PATHLENTH Format: Whole number Summarization: Sum Data type: Whole number Data category: Uncategorized

Structure: PATHLENTH = PATHLENGTH(Employee[PATH])

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENTH
Edward	Adam	Maria[Gabari][Adam]Edward	Gabari	Adam	4
Taylor	Adam	Maria[Gabari][Adam]Taylor	Gabari	Adam	4
Cindy	Frank	Maria[Gabari][Frank]Cindy	Gabari	Frank	4
Dean	Frank	Maria[Gabari][Frank]Dean	Gabari	Frank	4
Adam	Gabari	Maria[Gabari][Adam]	Gabari	Gabari	3
Frank	Gabari	Maria[Gabari][Frank]	Gabari	Gabari	3
Gabari	Maria	Maria[Gabari]	Gabari	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATHLENTH (4 distinct values)

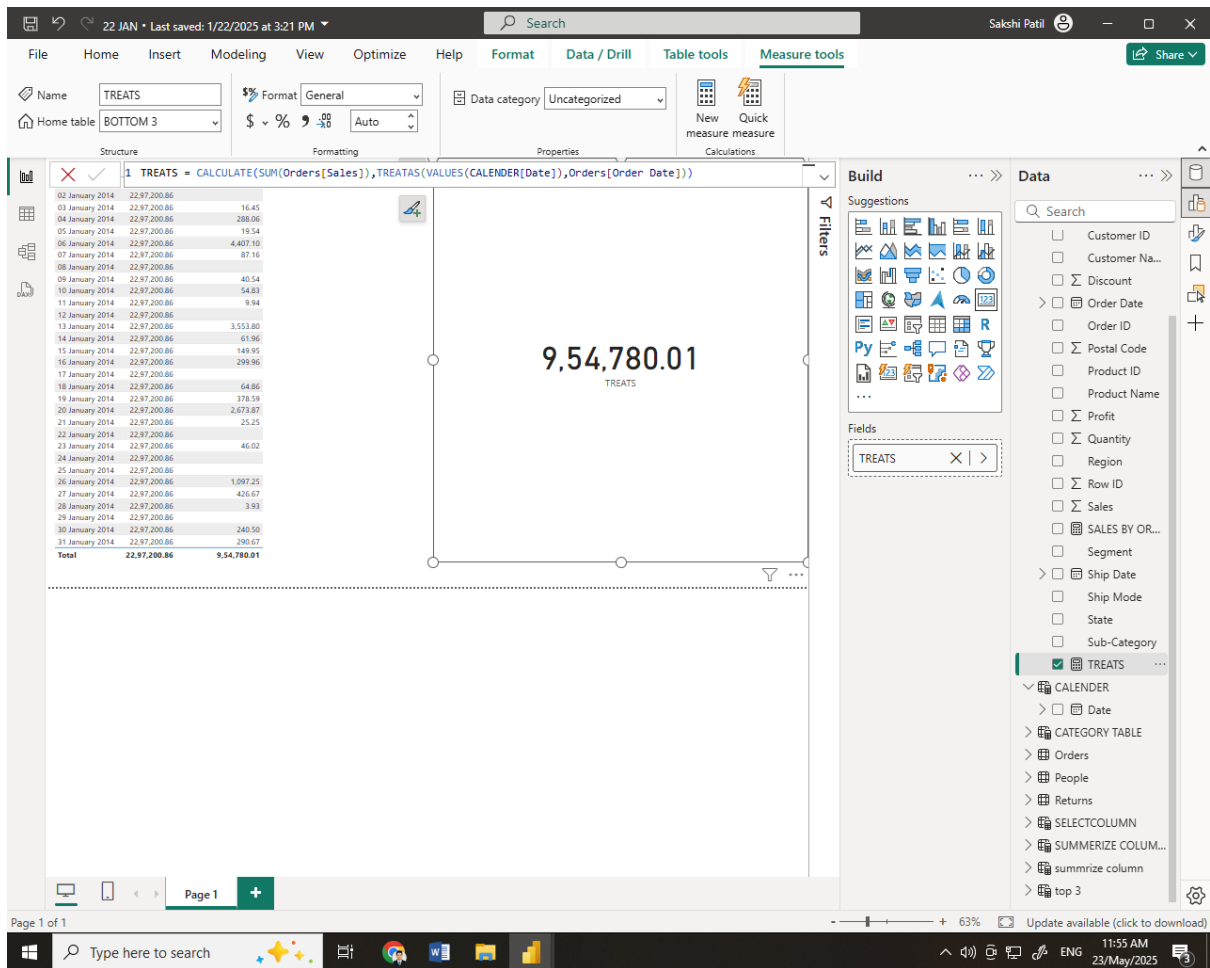
Update available (click to download)

TREATS

MAKE MEASURES

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

Calendar date and order date wise sale



RANKX

ADD NEW COLUMN

RANKING = `RANKX(Orders,Orders[Sales],,ASC)`

CALCULATE • Last saved: 1/23/2025 at 3:14 PM
 Sign in

File Home Help **Table tools** Column tools
 Share

Name: RANKING
 Format: Whole number
 Summarization: Sum
 Data type: Whole number
 Data category: Uncategorized
 Sort by column
 Data groups
 Manage relationships
 New column

Structure: 1 RANKING = RANKX(Orders,Orders[Sales],,ASC)
 Formatting
 Properties
 Sort
 Groups
 Relationships
 Calculations

Product Name	Sales	Quantity	Discount	Profit	RANKING
Hoover Replacement Belt for Commercial Guardsman Heavy-Duty Upright Vacuum	0.444	1	0.8	-1.11	1
Acco Suede Grain Vinyl Round Ring Binder	0.556	1	0.8	-0.9452	2
Avery Durable Slant Ring Binders With Label Holder	0.836	1	0.8	-1.3376	3
Avery Round Ring Poly Binders	0.852	1	0.7	-0.5964	4
Acco 3-Hole Punch	0.876	1	0.8	-1.4016	5
Avery Non-Stick Binders	0.898	1	0.8	-1.5715	6
Avery Triangle Shaped Sheet Lifters, Black, 2/Pack	0.984	2	0.8	-1.476	7
Maxell 4.7GB DVD-R 5/Pack	0.99	1	0	0.4356	8
Acco Economy Flexible Poly Round Ring Binder	1.044	1	0.8	-1.827	9
Wilson Jones Easy Flow II Sheet Lifters	1.08	3	0.8	-1.728	10
Wilson Jones Easy Flow II Sheet Lifters	1.08	2	0.7	-0.792	11
Wilson Jones Easy Flow II Sheet Lifters	1.08	2	0.7	-0.792	11
Acco Suede Grain Vinyl Round Ring Binder	1.112	2	0.8	-1.8904	13
Avery Binder Labels	1.167	1	0.7	-0.8558	14
Storcx Dura Pro Binders	1.188	1	0.8	-1.9602	15
Avery Reinforcements for Hole-Punch Pages	1.188	2	0.7	-0.99	16
Avery Reinforcements for Hole-Punch Pages	1.188	2	0.7	-0.99	16
Avery Hidden Tab Dividers for Binding Systems	1.192	2	0.8	-2.0264	18
Universal Recycled Hanging Pressboard Report Binders, Letter Size	1.234	1	0.8	-1.9744	19
OIC Binder Clips, Mini, 1/4" Capacity, Black	1.24	1	0	0.5828	20
Economy Binders	1.248	3	0.8	-1.9344	21
Zipper Ring Binder Pockets	1.248	2	0.8	-1.9344	21
Insertable Tab Indexes For Data Binders	1.272	2	0.8	-2.1624	23
Computer Printout Index Tabs	1.344	4	0.8	-2.1504	24
Prang Dustless Chalk Sticks	1.344	1	0.2	0.504	25
Prang Dustless Chalk Sticks	1.344	1	0.2	0.504	25
Computer Printout Index Tabs	1.344	1	0.2	0.4704	25
Avery Self-Adhesive Photo Pockets for Polaroid Photos	1.362	1	0.8	-2.1792	28
Prestex Flexible Ring Binders	1.365	1	0.7	-0.91	29
Hoover Commercial Lightweight Upright Vacuum	1.392	2	0.8	-3.7584	30
Self-Adhesive Ring Binder Labels	1.408	2	0.8	-2.3232	31
Newell 310	1.408	1	0.2	0.1584	32
Wilson Jones Easy Flow II Sheet Lifters	1.44	1	0.2	0.504	33
Assorted Color Push Pins	1.448	1	0.2	0.2353	34
Avery Triangle Shaped Sheet Lifters, Black, 2/Dark	1.476	2	0.8	-2.214	35

Table: Orders (9,994 rows) Column: RANKING (6,144 distinct values)
 Update available (click to download)

Data
 Search
 3 month after
 CALENDER
 Data
 Orders
 Category
 City
 Country
 Customer ID
 Customer Name
 Discount
 Order Date
 Order ID
 Postal Code
 Product ID
 Product Name
 Profit
 Quantity
 RANKING
 Region
 Row ID
 Sales
 Segment
 Ship Date
 Ship Mode
 State
 Sub-Category
 People
 Returns

SWITCH

ADD NEW COLUMN

CATEGORY CODE = SWITCH(Data[Category],"Technology","Tec","Office
Supplies","Off","Furniture","FUR")

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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Name CATEGORY CODE

Data type Text

Format Text

Summarization Don't summarize

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 CATEGORY CODE = SWITCH(Data[Category], "Technology", "Tec", "Office Supplies", "Off", "Furniture", "FUR")

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	iferror
2	0	6.8714	12/Jun/2026	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jun/2024	2558	1929	PROFIT	LOW	HIGH	False	FUR	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
2	0	6.1512	24/Nov/2025	3944	2846	PROFIT	LOW	HIGH	False	Tec	9999
3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.8418	05/Aug/2024	3469	2304	PROFIT	LOW	HIGH	False	Off	9999
8	0	22.984	26/Aug/2024	1390	1418	PROFIT	LOW	HIGH	False	Tec	9999
6	0	26.0568	28/Oct/2026	1922	1307	PROFIT	LOW	HIGH	False	Off	9999
4	0	2.7028	04/Mar/2027	4356	3569	PROFIT	LOW	HIGH	False	Off	9999
2	0	14.8	10/Jun/2027	3131	1881	PROFIT	LOW	HIGH	False	Off	9999
3	0	1.7901	21/Dec/2027	4593	3758	PROFIT	LOW	HIGH	False	Off	9999
3	0	2.397	07/Sep/2027	2583	3633	PROFIT	LOW	HIGH	False	FUR	9999
2	0	9.936	10/Jun/2026	3488	2284	PROFIT	LOW	HIGH	False	Off	9999
4	0	1.5456	10/Sep/2025	2508	3827	PROFIT	LOW	HIGH	False	Off	9999
1	0	24.936	28/Mar/2025	1437	1343	PROFIT	LOW	HIGH	False	Tec	9999
3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5256	19/Oct/2024	2082	2740	PROFIT	LOW	HIGH	False	Off	0000

Table: Data (5,009 rows) Column: CATEGORY CODE (3 distinct values)

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Windows Taskbar: Type here to search, 29°C Mostly cloudy, 12:53 PM 09/Jul/2025

IF

ADD NEW COLUMN

STATUS = IF(Data[Profit]>0,"PROFIT","LOSS")

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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Name STATUS

Data type Text

Format Text

Summarization Don't summarize

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 STATUS = IF(Data[Profit]>0,"PROFIT","LOSS")

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	iferror
2	0	6.8714	12/Jun/2026	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jun/2024	2558	1929	PROFIT	LOW	HIGH	False	FUR	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
2	0	6.1512	24/Nov/2025	3944	2846	PROFIT	LOW	HIGH	False	Tec	9999
3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.8418	05/Aug/2024	3469	2304	PROFIT	LOW	HIGH	False	Off	9999
8	0	22.984	26/Aug/2024	1390	1418	PROFIT	LOW	HIGH	False	Tec	9999
6	0	26.0568	28/Oct/2026	1922	1307	PROFIT	LOW	HIGH	False	Off	9999
4	0	2.7028	04/Mar/2027	4356	3569	PROFIT	LOW	HIGH	False	Off	9999
2	0	14.8	10/Jun/2027	3131	1881	PROFIT	LOW	HIGH	False	Off	9999
3	0	1.7901	21/Dec/2027	4593	3758	PROFIT	LOW	HIGH	False	Off	9999
3	0	2.397	07/Sep/2027	2583	3633	PROFIT	LOW	HIGH	False	FUR	9999
2	0	9.936	10/Jun/2026	3488	2284	PROFIT	LOW	HIGH	False	Off	9999
4	0	1.5456	10/Sep/2025	2508	3827	PROFIT	LOW	HIGH	False	Off	9999
1	0	24.936	28/Mar/2025	1437	1343	PROFIT	LOW	HIGH	False	Tec	9999
3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5256	19/Jul/2024	2082	2740	PROFIT	LOW	HIGH	False	Off	9999

Table: Data (5,009 rows) Column: STATUS (2 distinct values)

Update available (click to download)

Windows taskbar: 29°C Mostly cloudy 12:54 PM 09/Jul/2025

IF AND

ADD NEW COLUMN

STATUS2 = IF(AND(Data[Sales]>1000,Data[Profit]>0),"HIGH","LOW")

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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Name STATUS2

Data type Text

Format Text

Summarization Don't summarize

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 STATUS2 = IF(AND(Data[Sales]>1000,Data[Profit]>0),"HIGH","LOW")

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	iferror
2	0	6.8714	12/Jun/2026	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jun/2024	2558	1929	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
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3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
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6	0	26.0568	28/Oct/2026	1922	1307	PROFIT	LOW	HIGH	False	Off	9999
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3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5255	19/Oct/2024	3082	2740	PROFIT	LOW	HIGH	False	Off	0000

Table: Data (5,009 rows) Column: STATUS2 (2 distinct values)

Update available (click to download)

29°C Mostly cloudy

ENG 12:55 PM 09/Jul/2025

IF OR

ADD NEW COLUMN

STATUS3 = IF(OR(Data[Sales]>1000,Data[Profit]>0),"HIGH","LOW")

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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Name STATUS3

Data type Text

Format Text

Summarization Don't summarize

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 STATUS3 = IF(OR(Data[Sales]>1000,Data[Profit]>0),"HIGH","LOW")

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	Iferror
2	0	6.8714	12/Jun/2026	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jun/2024	2558	1929	PROFIT	LOW	HIGH	False	FUR	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
2	0	6.1512	24/Nov/2025	3944	2846	PROFIT	LOW	HIGH	False	Tec	9999
3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.8418	05/Aug/2024	3469	2304	PROFIT	LOW	HIGH	False	Off	9999
8	0	22.984	26/Aug/2024	1390	1418	PROFIT	LOW	HIGH	False	Tec	9999
6	0	26.0568	28/Oct/2026	1922	1307	PROFIT	LOW	HIGH	False	Off	9999
4	0	2.7028	04/Mar/2027	4356	3569	PROFIT	LOW	HIGH	False	Off	9999
2	0	14.8	10/Jun/2027	3131	1881	PROFIT	LOW	HIGH	False	Off	9999
3	0	1.7901	21/Dec/2027	4593	3758	PROFIT	LOW	HIGH	False	Off	9999
3	0	2.397	07/Sep/2027	2583	3633	PROFIT	LOW	HIGH	False	FUR	9999
2	0	9.936	10/Jun/2026	3488	2284	PROFIT	LOW	HIGH	False	Off	9999
4	0	1.5456	10/Sep/2025	2508	3827	PROFIT	LOW	HIGH	False	Off	9999
1	0	24.936	28/Mar/2025	1437	1343	PROFIT	LOW	HIGH	False	Tec	9999
3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5256	19/Oct/2024	3082	2740	PROFIT	LOW	HIGH	False	Off	0000

Table: Data (5,009 rows) Column: STATUS3 (2 distinct values)

Update available (click to download)

Windows Taskbar: Type here to search, 29°C Mostly cloudy, 01:01 PM 09/Jul/2025

IF NOT

ADD NEW COLUMN

STATUS4 = NOT(Data[Profit])

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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File Home Help Table tools Column tools

Name STATUS4

Data type True/false

Format True/false

Summarization Don't summarize

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 STATUS4 = NOT(Data[Profit])

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	iferror
2	0	6.8714	12/Jun/2026	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jun/2024	2558	1929	PROFIT	LOW	HIGH	False	FUR	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
2	0	6.1512	24/Nov/2025	3944	2846	PROFIT	LOW	HIGH	False	Tec	9999
3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.8418	05/Aug/2024	3469	2304	PROFIT	LOW	HIGH	False	Off	9999
8	0	22.984	26/Aug/2024	1390	1418	PROFIT	LOW	HIGH	False	Tec	9999
6	0	26.0568	28/Oct/2026	1922	130	PROFIT	LOW	HIGH	False	Off	9999
4	0	2.7028	04/Mar/2027	4356	3569	PROFIT	LOW	HIGH	False	Off	9999
2	0	14.8	10/Jun/2027	3131	1881	PROFIT	LOW	HIGH	False	Off	9999
3	0	1.7901	21/Dec/2027	4593	3758	PROFIT	LOW	HIGH	False	Off	9999
3	0	2.397	07/Sep/2027	2583	3633	PROFIT	LOW	HIGH	False	FUR	9999
2	0	9.936	10/Jun/2026	3488	2284	PROFIT	LOW	HIGH	False	Off	9999
4	0	1.5456	10/Sep/2025	2508	3827	PROFIT	LOW	HIGH	False	Off	9999
1	0	24.936	28/Mar/2025	1437	1343	PROFIT	LOW	HIGH	False	Tec	9999
3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	19/Oct/2024	2082	2740	PROFIT	LOW	HIGH	False	Off	0000

Table: Data (5,009 rows) Column: STATUS4 (2 distinct values)

Update available (click to download)

01:03 PM 09/Jul/2025

IFERROR

ADD NEW COLUMN

iferror = IFERROR(25/0,9999)

if logical • Last saved: 4/22/2025 at 3:06 PM

Search

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File Home Help Table tools Column tools

Name: iferror

Data type: Decimal number

Format: General

Summarization: Sum

Data category: Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1. iferror = IFERROR(25/0,9999)

Quantity	Discount	Profit	new date	RANK	RANKX	STATUS	STATUS2	STATUS3	STATUS4	CATEGORY CODE	iferror
2	0	6.8714	12/11/2024	3900	2708	PROFIT	LOW	HIGH	False	Off	9999
7	0	14.1694	09/Jan/2025	2558	1929	PROFIT	LOW	HIGH	False	FUR	9999
2	0	3.8939999999999999	17/Jul/2026	2104	3276	PROFIT	LOW	HIGH	False	Off	9999
2	0	6.1512	24/Nov/2025	3944	2846	PROFIT	LOW	HIGH	False	Tec	9999
3	0	6.633	17/Sep/2026	3512	2742	PROFIT	LOW	HIGH	False	Off	9999
1	0	2.691	11/May/2026	4660	3573	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.8418	05/Aug/2024	3469	2304	PROFIT	LOW	HIGH	False	Off	9999
8	0	22.984	26/Aug/2024	1390	1418	PROFIT	LOW	HIGH	False	Tec	9999
6	0	26.0568	28/Oct/2026	1922	1307	PROFIT	LOW	HIGH	False	Off	9999
4	0	2.7028	04/Mar/2027	4356	3569	PROFIT	LOW	HIGH	False	Off	9999
2	0	14.8	10/Jun/2027	3131	1881	PROFIT	LOW	HIGH	False	Off	9999
3	0	1.7901	21/Dec/2027	4593	3758	PROFIT	LOW	HIGH	False	Off	9999
3	0	2.397	07/Sep/2027	2583	3633	PROFIT	LOW	HIGH	False	FUR	9999
2	0	9.936	10/Jun/2026	3488	2284	PROFIT	LOW	HIGH	False	Off	9999
4	0	1.5456	10/Sep/2025	2508	3827	PROFIT	LOW	HIGH	False	Off	9999
1	0	24.936	28/Mar/2025	1437	1343	PROFIT	LOW	HIGH	False	Tec	9999
3	0	73.41	13/Feb/2026	1538	603	PROFIT	LOW	HIGH	False	Off	9999
4	0	28.7712	07/Dec/2025	2084	1229	PROFIT	LOW	HIGH	False	FUR	9999
9	0	27.9936	31/Aug/2025	2397	1252	PROFIT	LOW	HIGH	False	Off	9999
3	0	9.6192	08/Apr/2026	3515	2332	PROFIT	LOW	HIGH	False	Off	9999
5	0	15.552	17/Sep/2025	3011	1818	PROFIT	LOW	HIGH	False	Off	9999
7	0	5.0596	20/Nov/2025	3554	3050	PROFIT	LOW	HIGH	False	Off	9999
2	0	53.196	29/Sep/2024	1241	785	PROFIT	LOW	HIGH	False	FUR	9999
4	0	5.4332	27/Dec/2024	4146	2975	PROFIT	LOW	HIGH	False	Off	9999
4	0	22.1184	26/Feb/2027	2057	1459	PROFIT	LOW	HIGH	False	Off	9999
9	0	44.955	12/Jul/2024	1065	903	PROFIT	LOW	HIGH	False	Off	9999
2	0	7.4872	06/Nov/2027	3836	2623	PROFIT	LOW	HIGH	False	Off	9999
1	0	41.4294	24/Dec/2024	1565	962	PROFIT	LOW	HIGH	False	Off	9999
6	0	18.6624	18/Dec/2026	2812	1636	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	02/Apr/2027	3284	2761	PROFIT	LOW	HIGH	False	FUR	9999
3	0	4.0749	11/Jul/2027	4415	3242	PROFIT	LOW	HIGH	False	Off	9999
4	0	3.36	01/Aug/2025	4583	3411	PROFIT	LOW	HIGH	False	Off	9999
2	0	3.0096	12/Sep/2027	4446	3498	PROFIT	LOW	HIGH	False	FUR	9999
3	0	60.2553	11/Jun/2027	1667	717	PROFIT	LOW	HIGH	False	Off	9999
3	0	6.5286	19/Jul/2024	3082	2740	PROFIT	LOW	HIGH	False	Off	0000

Table: Data (5,009 rows) Column: iferror (1 distinct values)

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Filter functions

All functions

Show output in tables

Add measures

```
all = CALCULATE(SUM(Data[Sales]),ALL(Data))
all across = CALCULATE(SUM(Data[Sales]),ALLCROSSFILTERED(Data))
all except = CALCULATE(SUM(Data[Sales]),ALLEXCEPT(Data,Data[Sub-Category]))
all select = CALCULATE(SUM(Data[Sales]),ALLSELECTED(Data[City],Data[Sub-Category]))
all with specific col = CALCULATE(SUM(Data[Sales]),ALL(Data[Sub-Category]))
```

calculate table

add new table

it will make new table. Represent only 2015 data

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

Untitled - Power BI Desktop

Search

File Home Help Table tools

Name calculatetable

Mark as date table Manage relationships New Quick New New

Structure

Calendars Relationships Calculations

1 `calculatetable = CALCULATETABLE(Data, DATESBETWEEN(Data[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 State

63 CA-2015-135545 24/Nov/2015 00:00:00 30/Nov/2015 00:00:00 Standard Class KM-16720 Kunst Miller Consumer United States Los Angeles CA

581 CA-2015-132906 10/Sep/2015 00:00:00 14/Sep/2015 00:00:00 Standard Class CC-12145 Charles Crestani Consumer United States Los Angeles CA

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 CA

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 CA

761 CA-2015-112319 31/Aug/2015 00:00:00 05/Sep/2015 00:00:00 Standard Class AR-10510 Andrew Roberts Consumer United States Los Angeles CA

1016 CA-2015-133025 17/Sep/2015 00:00:00 19/Sep/2015 00:00:00 Second Class MO-17800 Meg O'Connell Home Office United States Los Angeles CA

1071 CA-2015-144652 20/Nov/2015 00:00:00 26/Nov/2015 00:00:00 Standard Class SN-20560 Skye Norling Home Office United States Los Angeles CA

1505 CA-2015-153388 01/Aug/2015 00:00:00 07/Aug/2015 00:00:00 Standard Class PC-19000 Pauline Chand Home Office United States Los Angeles CA

1698 CA-2015-148376 27/Dec/2015 00:00:00 31/Dec/2015 00:00:00 Standard Class AG-10900 Arthur Gainer Consumer United States Los Angeles CA

1778 CA-2015-105347 24/Nov/2015 00:00:00 28/Nov/2015 00:00:00 Standard Class DP-13000 Darren Powers Consumer United States Los Angeles CA

1818 CA-2015-125423 13/Dec/2015 00:00:00 15/Dec/2015 00:00:00 Second Class MC-17575 Matt Collins Consumer United States Los Angeles CA

1909 CA-2015-157959 03/Feb/2015 00:00:00 04/Feb/2015 00:00:00 First Class RW-19540 Rick Wilson Corporate United States Los Angeles CA

2248 CA-2015-116092 15/Feb/2015 00:00:00 18/Feb/2015 00:00:00 Second Class JM-16195 Justin MacKendrick Consumer United States Los Angeles CA

2447 CA-2015-100573 25/Sep/2015 00:00:00 01/Oct/2015 00:00:00 Standard Class AM-10705 Anne McFarland Consumer United States Los Angeles CA

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 CA

2689 CA-2015-153220 12/Nov/2015 00:00:00 14/Nov/2015 00:00:00 First Class YC-21895 Yoseph Carroll Corporate United States Los Angeles CA

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 CA

3405 CA-2015-152527 17/Oct/2015 00:00:00 17/Oct/2015 00:00:00 Same Day CM-12190 Charlotte Melton Consumer United States Los Angeles CA

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 CA

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 CA

4217 CA-2015-111234 18/Feb/2015 00:00:00 22/Feb/2015 00:00:00 Standard Class AB-10600 Ann Blume Corporate United States Los Angeles CA

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 CA

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 CA

4449 CA-2015-121965 19/Jun/2015 00:00:00 23/Jun/2015 00:00:00 Standard Class LH-17155 Logan Haushalter Consumer United States Los Angeles CA

4535 CA-2015-163104 19/Mar/2015 00:00:00 26/Mar/2015 00:00:00 Standard Class MC-18130 Mike Caudle Corporate United States Los Angeles CA

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 CA

4720 CA-2015-142601 18/Apr/2015 00:00:00 20/Apr/2015 00:00:00 Second Class DE-13255 Deanra Eno Home Office United States Los Angeles CA

4795 CA-2015-144722 16/Mar/2015 00:00:00 23/Mar/2015 00:00:00 Standard Class MF-18250 Monica Federle Corporate United States Los Angeles CA

4806 CA-2015-137708 22/Nov/2015 00:00:00 25/Nov/2015 00:00:00 Second Class NG-18430 Nathan Gelder Consumer United States Los Angeles CA

5179 US-2015-120502 13/Apr/2015 00:00:00 19/Apr/2015 00:00:00 Standard Class BT-11395 Bill Tyler Corporate United States Los Angeles CA

5435 CA-2015-160171 19/Oct/2015 00:00:00 24/Oct/2015 00:00:00 Standard Class RM-19675 Robert Marley Home Office United States Los Angeles CA

5771 CA-2015-103835 24/Sep/2015 00:00:00 28/Sep/2015 00:00:00 Standard Class SC-20440 Shaun Chance Corporate United States Los Angeles CA

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 CA

6034 CA-2015-130253 14/Dec/2015 00:00:00 18/Dec/2015 00:00:00 Standard Class PP-18955 Paul Prost Home Office United States Los Angeles CA

6169 CA-2015-132815 19/Sep/2015 00:00:00 22/Sep/2015 00:00:00 Second Class RW-19540 Rick Wilson Corporate United States Los Angeles CA

Table: calculatetable (1,038 rows)

Update available (click to download)

Type here to search

Earnings upcoming

ENG 09:04 AM 11/Jul/2025

Lookup value

We can fetch data Without relation

Open sample lookup value file

There are 2 query tables

Apply formula in employee table

Dept name will come in employee table

DEPT EMPLOYEE

Dept ID salary

Dept Name DeptCode

Dcode Dept ID

EMPLOYEE NAME

ID

Add new column

Dept Name = LOOKUPVALUE(Depts[Dept_Name],Depts[Dep_ID],Employee[DeptID])

The screenshot shows the Microsoft Power BI Desktop interface. The 'Column tools' ribbon is active, displaying the 'Name' field as 'Dept Name' and the 'Data type' as 'Text'. The formula bar at the top shows the DAX formula: `1 Dept Name = LOOKUPVALUE(Depts[Dept_Name],Depts[Dep_ID],Employee[DeptID])`. Below the formula bar, a table view of the 'Employee' table is displayed with 10 rows. The columns are ID, Emp_Name, Salary, DeptID, DeptCode, and Dept Name. The 'Dept Name' column contains values like 'Sales', 'Purchase', 'Accounts', and 'HR' based on the 'DeptID' in each row. On the right side, the 'Data' pane shows a list of available tables and columns, including 'Depts' and 'Employee'. The status bar at the bottom indicates 'Table: Employee (10 rows) Column: Dept Name (6 distinct values)'.

ID	Emp_Name	Salary	DeptID	DeptCode	Dept Name
101	Ken Ben	33434	1	SAL	Sales
102	Terri Mike	434	2	PUR	Purchase
103	Roberto Desuza	5454	2	PUR	Purchase
104	Rob Tile	4545	2	PUR	Purchase
105	Gail More	5455	3	ACC	Accounts
106	Jossef Desuza	6000	1	SAL	Sales
107	Dylan Tayler	7000	4	IT	IT
108	Diane Robert	8000	5	HR	HR
109	Gigi Watt	6500	9		
110	Michael Ryan	4332	8		

Path

Add new column in employee table

PATH = PATH(Employee[Employee],Employee[Manager])

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

File Home Help Table tools Column tools

Name PATH Format Text Summarization Don't summarize Data category Uncategorized

Data type Text

Structure Formatting Properties Sort by column Groups Manage relationships New column Calculations

1 PATH = PATH(Employee[Employee],Employee[Manager])

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENGTH
Edward	Adam	Maria[Gabari][Adam]Edward	Gabari	Adam	4
Taylor	Adam	Maria[Gabari][Adam]Taylor	Gabari	Adam	4
Cindy	Frank	Maria[Gabari][Frank]Cindy	Gabari	Frank	4
Dean	Frank	Maria[Gabari][Frank]Dean	Gabari	Frank	4
Adam	Gabari	Maria[Gabari][Adam]	Gabari	Gabari	3
Frank	Gabari	Maria[Gabari][Frank]	Gabari	Gabari	3
Gabari	Maria	Maria[Gabari]	Gabari	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATH (8 distinct values)

Update available (click to download)

PATHITEM

PATHITEM = PATHITEM(Employee[PATH],2,TEXT)

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

File Home Help Table tools Column tools

Name PATHITEM Format Text Summarization Don't summarize Data category Uncategorized

Data type Text

Structure Formatting Properties Sort Groups Relationships Calculations

1 PATHITEM = PATHITEM(Employee[PATH],2,TEXT)

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENGTH
Edward	Adam	Maria[Gabril]AdamEdward	Gabril	Adam	4
Taylor	Adam	Maria[Gabril]AdamTaylor	Gabril	Adam	4
Cindy	Frank	Maria[Gabril]FrankCindy	Gabril	Frank	4
Dean	Frank	Maria[Gabril]FrankDean	Gabril	Frank	4
Adam	Gabril	Maria[Gabril]Adam	Gabril	Gabril	3
Frank	Gabril	Maria[Gabril]Frank	Gabril	Gabril	3
Gabril	Maria	Maria[Gabril]	Gabril	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATHITEM (2 distinct values)

Update available (click to download)

PATHITEMREVERSE

PATHITEMREVERSE = PATHITEMREVERSE(Employee[PATH],2,TEXT)

20 JAN 2025 PATH • Last saved: 1/20/2025 at 4:02 PM

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File Home Help Table tools Column tools

Name PATHITEMREVERSE

Format Text

Summarization Don't summarize

Data type Text

Data category Uncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

1 PATHITEMREVERSE = PATHITEMREVERSE(Employee[PATH],2,TEXT)

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENTH
Edward	Adam	Maria[Gabari][Adam]Edward	Gabari	Adam	4
Taylor	Adam	Maria[Gabari][Adam]Taylor	Gabari	Adam	4
Cindy	Frank	Maria[Gabari][Frank]Cindy	Gabari	Frank	4
Dean	Frank	Maria[Gabari][Frank]Dean	Gabari	Frank	4
Adam	Gabari	Maria[Gabari][Adam]	Gabari	Gabari	3
Frank	Gabari	Maria[Gabari][Frank]	Gabari	Gabari	3
Gabari	Maria	Maria[Gabari]	Gabari	Maria	2
Maria	Maria	Maria			1

Data

Search

Depts

Employee

Employee

Manager

PATH

PATHITEM

PATHITEMREVERSE

PATHLENTH

Table: Employee (8 rows) Column: PATHITEMREVERSE (5 distinct values)

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PATHLENTH

PATHLENTH = PATHLENGTH(Employee[PATH])

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Name: PATHLENTH Format: Whole number Summarization: Sum Data type: Whole number Data category: Uncategorized

Structure: PATHLENTH = PATHLENGTH(Employee[PATH])

Employee	Manager	PATH	PATHITEM	PATHITEMREVERSE	PATHLENTH
Edward	Adam	Maria[Gabari][Adam]Edward	Gabari	Adam	4
Taylor	Adam	Maria[Gabari][Adam]Taylor	Gabari	Adam	4
Cindy	Frank	Maria[Gabari][Frank]Cindy	Gabari	Frank	4
Dean	Frank	Maria[Gabari][Frank]Dean	Gabari	Frank	4
Adam	Gabari	Maria[Gabari][Adam]	Gabari	Gabari	3
Frank	Gabari	Maria[Gabari][Frank]	Gabari	Gabari	3
Gabari	Maria	Maria[Gabari]	Gabari	Maria	2
Maria	Maria	Maria			1

Table: Employee (8 rows) Column: PATHLENTH (4 distinct values)

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FORMULA WITH RELATION

4 TYPES OF RELATION

1 TO MANY

MANY TO 1

MANY TO MANY

ONE TO ONE

1- UNIQUE

MANY-DUPLICATE

RELATED VS RELATEDTABLE

MANY TO ONE – RELATABLE

ONE TO MANY-RELATED

MAKE RELATION FIRST

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Get data

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Dataverse

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Queries

Manage relationships

Relationships

New measure column

New table

New calculation group

Calculations

Manage roles

View as

Security

Q&A setup

Language

Linguistic schema

Sensitivity

Share

1 PROFIT = SUMX(RELATEDTABLE(Orders),Orders[Sales])

People

Person

PROFIT

Region

Orders

Category

City

Country

Customer ID

Customer Name

Discount

Order Date

Order ID

Postal Code

Product ID

Product Name

Profit

Quantity

Region

Row ID

Sales

Segment

Ship Date

Ship Mode

State

Sub-Category

Returns

Order ID

Returned

Properties

Data

Tables

Model

Search

Orders

People

Person

PROFIT

Region

Returns

All tables

100%

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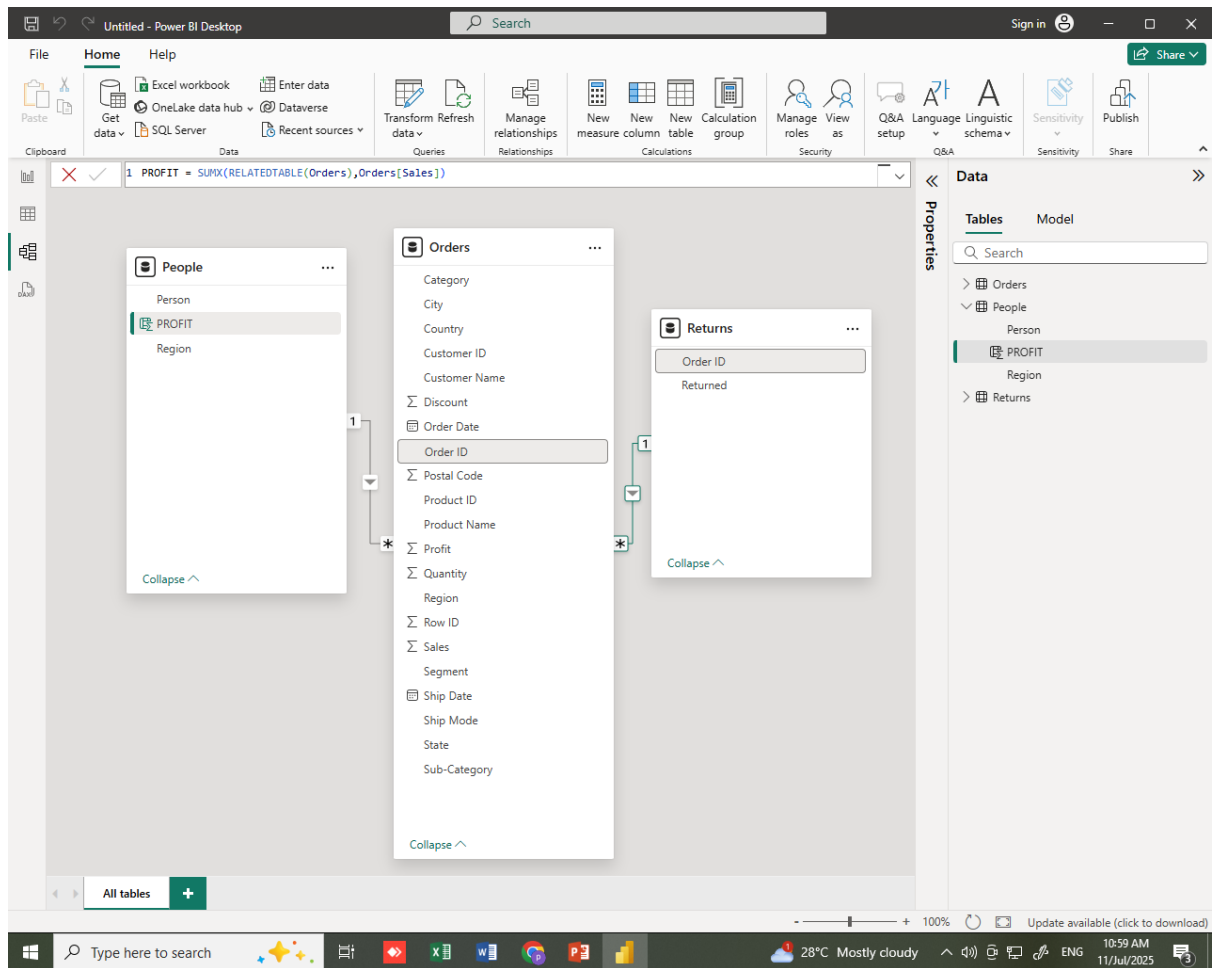
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ENG

10:59 AM

11/Jul/2025



OPEN PEOPLE TABLE

ADD NEW COLUMN

PROFIT WILL COME FROM ORDER TABLE

PROFIT = `SUMX(RELATEDTABLE(Orders),Orders[profit])`

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Search

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File Home Help Table tools Column tools

Name: PROFIT

Data type: Decimal number

Format: General

Summarization: Don't summarize

Data category: Uncategorized

Sort by column

Data groups

Manage relationships

New column

Calculations

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 **PROFIT = SUMX(RELATEDTABLE(Orders),Orders[Sales])**

Person	Region	PROFIT
Anna Andreadi	West	725457.8245000001
Chuck Magee	East	678781.24
Kelly Williams	Central	501239.8908
Cassandra Brandow	South	391721.9050000001

Data

Search

Orders

People

Person

PROFIT

Region

Returns

Table: People (4 rows) Column: PROFIT (4 distinct values)

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NOW OPEN ORDER TABLE

PERSON NAME WILL COME FROM PEOPLE TABLE

PEOPLE NAME = `RELATED(People[Person])`

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File Home Help Table tools Column tools

Name: PEOPLE NAME Format: Text Summarization: Don't summarize Data category: Uncategorized Sort by column: Data groups: Manage relationships: New column

Structure: PEOPLE NAME = RELATED(Person[Person])

Product Name	Sales	Quantity	Discount	Profit	PEOPLE NAME
on Base for stackable storage shelf, platinum	77.88	2	0	3.893999999999999	Anna Andreadi
well 327	6.63	3	0	1.7901	Anna Andreadi
well 317	5.88	2	0	1.7052	Anna Andreadi
well 307	5.46	3	0	1.5288	Anna Andreadi
asonic KP-4ABK Battery-Operated Pencil Sharpener	73.2	5	0	21.228	Anna Andreadi
arms Telephone Message Book W/Dividers/Space For Phone Numbers, 5 1/4"x8 1/2", 200/Messages	22.72	4	0	10.224	Anna Andreadi
ox 225	45.36	7	0	21.7728	Anna Andreadi
ples	11.34	3	0	5.2164	Anna Andreadi
ter/Legal File Tote with Clear Snap-On Lid, Black Granite	80.3	5	0	20.878	Anna Andreadi
ox 1952	64.74	13	0	30.4278	Anna Andreadi
insco Regal Shelving Units	405.64	4	0	12.1692	Anna Andreadi
well 325	12.39	3	0	3.717	Anna Andreadi
owes Mighty 8 Compact Surge Protector	60.81	3	0	17.0268	Anna Andreadi
ite GlueTop Scratch Pads	90.24	6	0	41.5104	Anna Andreadi
Shuttle II and Handi-File, Black	305.01	9	0	76.2525	Anna Andreadi
well 351	13.12	4	0	3.8048	Anna Andreadi
ney & Smith inkTank Desk Highlighter, Chisel Tip, Yellow, 12/Box	10.75	5	0	3.5475	Anna Andreadi
antus Push Pins, Aluminum Head	11.62	2	0	3.6022	Anna Andreadi
ox 200	12.96	2	0	6.2208	Anna Andreadi
es Rubber Bands, 1 1/2 oz. Box	3.96	2	0	0.07920000000000002	Anna Andreadi
artet Omega Colored Chalk, 12/Pack	11.68	2	0	5.4896	Anna Andreadi
e 5" Scissors	16.9	2	0	5.07	Anna Andreadi
rated Blade or Curved Handle Hand Letter Openers	6.28	2	0	0.06280000000000002	Anna Andreadi
mier Automatic Letter Opener	480.74	2	0	14.4222	Anna Andreadi
on Portable Mobile Manager	14	480.74	5	38.178	Anna Andreadi
ip-A-Way Black Print Carbonless Ruled Speed Letter, Triplicate	113.82	3	0	53.4954	Anna Andreadi
ckwell Push Pins	15.26	7	0	5.0358	Anna Andreadi
lmes 99% HEPA Air Purifier	43.32	2	0	14.2956	Anna Andreadi
ox 1892	116.28	3	0	56.9772	Anna Andreadi
ox 22	19.44	3	0	9.3312	Anna Andreadi
lticolor Computer Printout Paper	314.55	3	0	150.984	Anna Andreadi
ek Side-Opening Peel & Seal Expanding Envelopes	271.44	3	0	122.148	Anna Andreadi
u-L-File Heavy-Duty Shuttle II, Black	130.71	3	0	39.213	Anna Andreadi
well 328	11.68	2	0	3.0368	Anna Andreadi
well 1883	70.14	3	0	36.1014	Anna Andreadi

Table: Orders (9,994 rows) Column: PEOPLE NAME (4 distinct values)

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Windows Taskbar: Type here to search, Trump goes after Har...

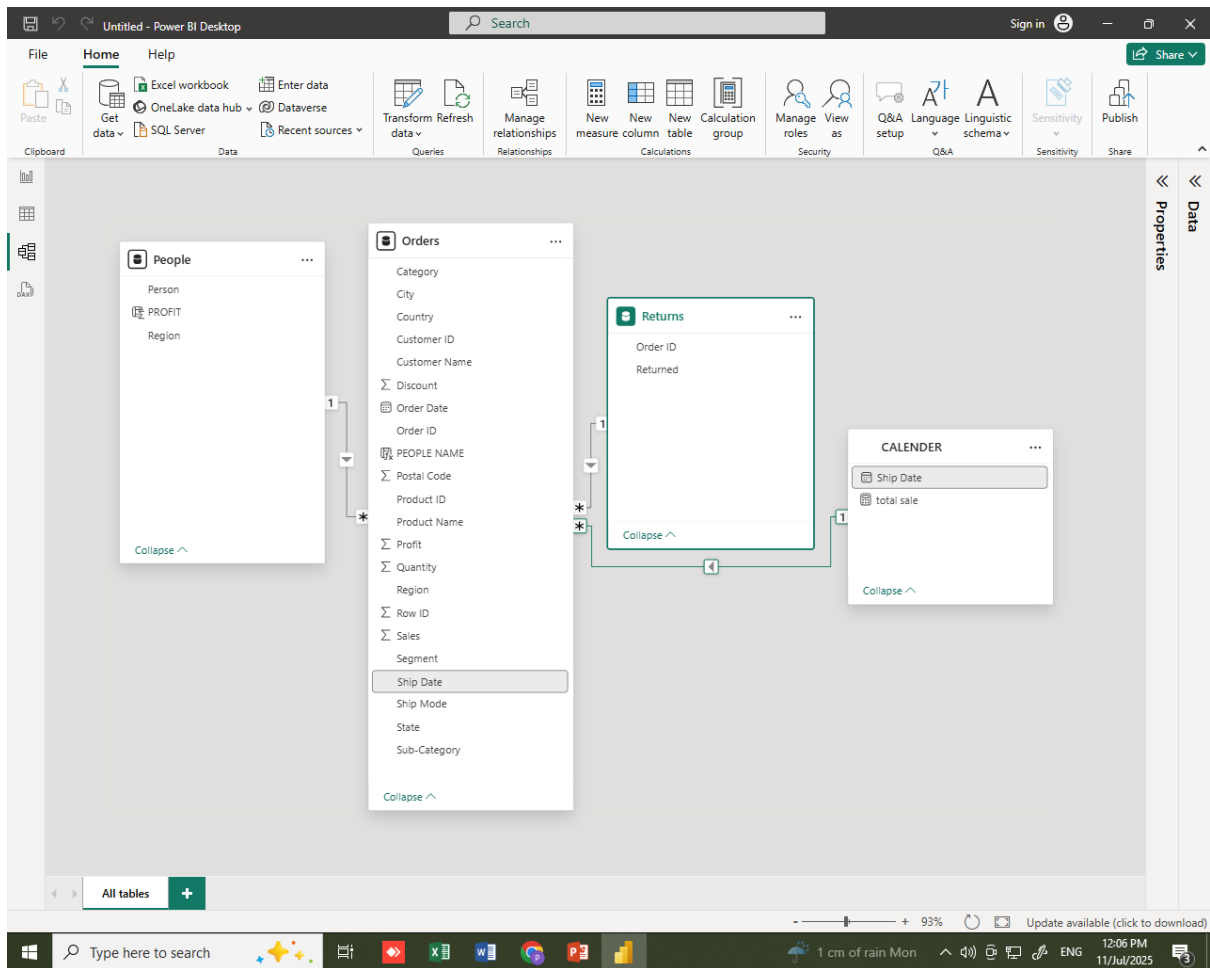
USERRELATIONSHIP

MAKE CALENDER TABLE

CALENDER = CALENDAR(DATE(2014,1,1),DATE(2016,12,31))

Give title name “Ship Date”

MAKE RELATION



Make measure

total sale = `CALCULATE(SUM(Orders[Sales]),USERRELATIONSHIP(Orders[Ship Date],CALENDER[Ship Date]))`

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Name: total sale Format: General Data category: Uncategorized

Home table: CALENDER

Structure: 1. total sale = CALCULATE(SUM(Orders[Sales]),USERRELATIONSHIP(Orders[Ship Date],CALENDER[Ship Date]))

Filters on this visual: total sale is (All)

Filters on this page: Add data fields here

Filters on all pages: Add data fields here

Build

Fields: total sale

Data

- CALENDER
 - Ship Date
 - total sale
- Orders
 - Category
 - City
 - Country
 - Customer ID
 - Customer Name
 - Discount
 - Order Date
 - Order ID
 - PEOPLE NAME
 - Postal Code
 - Product ID
 - Product Name
 - Profit
 - Quantity
 - Region
 - Row ID
 - Sales
 - Segment
 - Ship Date
 - Ship Mode
 - State
 - Sub-Category
- People
 - Person
 - PROFIT
 - Region

Page 1 of 1

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Share

FileHomeHelpTable toolsColumn tools

NameShip Date

Data typeDate/time

Format*14/Mar/2001 13:3...

\$ % 9 -10 Auto

SummarizationDon't summarize

Data categoryUncategorized

Sort by column

Data groups

Manage relationships

New column

Structure

Formatting

Properties

Sort

Groups

Relationships

Calculations

1 CALENDER = CALENDAR(DATE(2014,1,1),DATE(2016,12,31))

Ship Date

01/Jan/2014 00:00:00

02/Jan/2014 00:00:00

03/Jan/2014 00:00:00

04/Jan/2014 00:00:00

05/Jan/2014 00:00:00

06/Jan/2014 00:00:00

07/Jan/2014 00:00:00

08/Jan/2014 00:00:00

09/Jan/2014 00:00:00

10/Jan/2014 00:00:00

11/Jan/2014 00:00:00

12/Jan/2014 00:00:00

13/Jan/2014 00:00:00

14/Jan/2014 00:00:00

15/Jan/2014 00:00:00

16/Jan/2014 00:00:00

17/Jan/2014 00:00:00

18/Jan/2014 00:00:00

19/Jan/2014 00:00:00

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26/Jan/2014 00:00:00

27/Jan/2014 00:00:00

28/Jan/2014 00:00:00

29/Jan/2014 00:00:00

30/Jan/2014 00:00:00

31/Jan/2014 00:00:00

01/Feb/2014 00:00:00

02/Feb/2014 00:00:00

03/Feb/2014 00:00:00

04/Feb/2014 00:00:00

Data

Search

CALENDER

Ship Date

Orders

Category

City

Country

Customer ID

Customer Name

Discount

Order Date

Order ID

PEOPLE NAME

Postal Code

Product ID

Product Name

Profit

Quantity

Region

Row ID

Sales

Segment

Ship Date

Ship Mode

State

Sub-Category

People

Person

PROFIT

Region

Returns

Table: CALENDER (1,096 rows) Column: Ship Date (1,096 distinct values)

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