Custom Column

Add a column that is computed from the other columns.

New column name

Country

Custom column formula ⓘ

= text.start([Order ID],2)

Available columns

Customer Name
Discount
Number of Records
Order Date
Order ID
Manufacturer

Custom Column

Add a column that is computed from the other columns.

New column name

State

Custom column formula ⓘ

= each if [Country]="ES" then "Spain" else "Italy"

Available columns

Profit Ratio
Category
City
Country/Region

Query Settings

▲ PROPERTIES

...uperstore

...EPS

...d Headers

...Type

...ustom

...Rows

Copy
Remove
Remove Other Columns
Duplicate Column
Add Column From Examples...
Remove Duplicates
Remove Errors
Change Type ▶
Transform ▶
Replace Values...
Replace Errors...
Split Column ▶
Group By...
Fill ▶   Down
                Up
Unpivot Columns
Unpivot Other Columns

er of Records	▼	⊞ Order Date	▼	AᴮC Order ID
1		07/02/2019		ES-2019-1311038
1		07/02/2019		ES-2019-1311038
1		07/02/2019		ES-2019-1311038

Custom Column

Add a column that is computed from the other columns.

New column name

DAY

Custom column formula ⓘ

= dateDateDate.DayOfWeekName([Order Date])

Conditional Column		Merge Columns	ΧΟΣ	+−×÷	10²	Trigonometry ▾					
Index Column ▾	Format	ABC Extract ▾	Statistics	Standard	Scientific	Rounding ▾	Date	Time	Duration	Text Analytics	Vision Azure Machine Learning
Duplicate Column		abc Parse ▾				Information ▾					
	From Text		From Number			From Date & Time			AI Insights		

✕ ✓ ƒx = Table.AddColumn(#"Added Custom1", "Custom.1", each if [Profit Ratio] > 0.2 then "great" else if [Profit Ratio] < 0 then "bad" else "ok") ⌄

⊞ ▾	% Profit Ratio	▼
1	50.00%	
2	0.00%	
3	46.00%	
4	26.00%	
5	24.00%	
6	31.00%	
7	5.00%	
8	45.00%	
9	50.00%	
10	29.00%	
11	2.00%	
12	31.00%	
13	0.00%	
14	36.00%	
15	-9.00%	
16	3.00%	
17	0.00%	
18	14.00%	

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name

Custom.1

	Column Name	Operator	Value ⓘ		Output ⓘ	
If	Profit Ratio	is greater than	ABC 123	0.2	Then	ABC 123	great	⋯
Else If	Profit Ratio	is less than	ABC 123	0	Then	ABC 123	bad

Add Clause

Else ⓘ

ABC 123 | ok

OK   Cancel

✕ ✓ 1 1.04 Average Interest Rate = AVERAGE('Mortgage interest rates'[30 year rate])

2018 January	0.04
2018 April	0.04
2018 July	0.04
2018 September	0.04
2018 March	0.04
2018 May	0.04
2018 August	0.04
2018 June	0.04
2018 February	0.04
Total	**0.04**

Structure	Formatting

```
1  1.03b = MONTH([1.03 Date measure])
```

018 January	0.04
018 April	0.04

Structure	Formatting	Properties	Calculations

```
1 Measure = CALCULATE(AVERAGE('Appended interest rates'[15 year rate]),PREVIOUSMONTH('Appended interest rates'[Date].[Date]))
```

Year	Month		
2018	January	3.29%	
2018	February	3.25%	3.29%
2018	March	3.23%	3.25%
2018	April	3.23%	3.23%
2018	May	3.29%	3.23%
2018	June	3.22%	3.29%
2018	July	3.25%	3.22%
2018	August	3.24%	3.25%
2018	September	3.28%	3.24%
2018	October		3.28%
Total		**3.25%**	

🔍 Search

Filters on this visual

Average of 15 yea
is (All)

Date - Month
is (All)

Date - Year
is (All)

```
1 Measure = CALCULATE(AVERAGE('Appended interest rates'[15 year rate]),PARALLELPERIOD('Appended interest rates'[Date].[Date],-3,MONTH))
```

Year	Month	Average of 15 year rate	Measure
2018	January	3.29%	
2018	February	3.25%	
2018	March	3.23%	
2018	April	3.23%	3.29%
2018	May	3.29%	3.25%
2018	June	3.22%	3.23%
2018	July	3.25%	3.23%
2018	August	3.24%	3.29%
2018	September	3.28%	3.22%
2018	October		3.25%
2018	November		3.24%
2018	December		3.28%
Total		**3.25%**	**3.25%**

🔍 Search

Filters on this visual

Average of 15 year rate
is (All)

Date - Month
is (All)

Date - Year
is (All)

Measure
is (All)

CALCULATE DAX Function

= CALCULATE (<aggregation>, <filters on data source>)

Name	Wind	Format	Whole number ▾	Data category	Uncategorized ▾	New measure	Quick measure
Home table	Calculations ▾	$ ▾ % 9 ⬚ 0					

Structure	Formatting	Properties	Calculations

```
1 Wind = CALCULATE(SUM('Electricity Generated'[Megawatt Hours Generated]),'Electricity Generated'[Energy Source]
   ="Wind")
```

BA Name	Megawatt Hours Generated
⊞ Electric Reliability Council of Texas, Inc.	213505877
Total	**213505877**

Wind by Date/Time and Energy Source
Energy Source ●Coal ●Hydroelectric ●Natural Gas ●Nuclear ●Other ●Solar ●Wind

20K

```
1 Wind Rolling Average = CALCULATE([Wind],DATESINPERIOD(Dates[Date],LASTDATE(Dates[Date]),-7,DAY))/7
```

Texas (Interconnection) + Texas (Region) + Electric Reliability Council of Texas, Inc. (BA Name)

Date	Wind	Wind Rolling Average
Tuesday, January 1, 2019	175504	216,930.00
Wednesday, January 2, 2019	44758	170,053.57
Thursday, January 3, 2019	112784	147,081.71
Friday, January 4, 2019	118354	129,572.57
Saturday, January 5, 2019	175787	141,504.86
Sunday, January 6, 2019	379464	182,047.43
Monday, January 7, 2019	241612	178,323.29
Tuesday, January 8, 2019	210322	183,297.29
Wednesday, January 9, 2019	124839	194,737.43
Thursday, January 10, 2019	241736	213,159.14
Friday, January 11, 2019	300358	239,159.71
Saturday, January 12, 2019	249458	249,684.14
Sunday, January 13, 2019	78963	206,755.43
Monday, January 14, 2019	54066	179,963.14
Tuesday, January 15, 2019	129190	168,372.86
Wednesday, January 16, 2019	228733	183,214.86
Thursday, January 17, 2019	147650	169,774.00
Friday, January 18, 2019	368115	179,453.57
Saturday, January 19, 2019	339230	192,278.14
Sunday, January 20, 2019	216288	211,896.00
Monday, January 21, 2019	430346	265,650.29

Wind and Wind Rolling Average by Date


```
1 2.01 Selected date = SELECTEDVALUE('Mortgage interest rates'[Date])
```

4/30/1971

2.01 Selected date

Date

Friday, April 30, 1971

- ○ Friday, February 25, 1972
- ○ Friday, March 03, 1972
- ○ Friday, March 10, 1972
- ○ Friday, March 17, 1972
- ○ Friday, March 24, 1972
- ○ Friday, March 31, 1972
- ○ Friday, April 07, 1972