Advanced DAX Functions

BASIC MATH & STATS FUNCTIONS

SUM	Evaluates the sum of a column	=SUM(ColumnName)
AVERAGE	Returns the average (arithmetic mean) of all the numbers in a column	=AVERAGE(ColumnName)
MAX	Returns the largest value in a column or between two scalar expressions	=MAX(ColumnNameOrScalar1 , [Scalar2])
MIN	Returns the smallest value in a column or between two scalar expressions	=MIN(ColumnNameOrScalar1 , [Scalar2])
DIVIDE	Performs division and returns the alternate result (or blank) if DIV/0	=DIVIDE(Numerator, Denominator, [AlternateResult])

COUNTING FUNCTIONS

COUNT	Counts the number of non-empty cells in a column(excluding Boolean values)	=COUNT(ColumnName)
COUNTA	Counts the number of non-empty cells in a column (including Boolean values)	=COUNTA(ColumnName)
DISTINCT COUNT	Counts the number of distinct values in a column	=DISTINCTCOUNT(Column Name)
COUNTROWS	Counts the number of rows in the specified table, or a table defined by an expression	=COUNTROWS([Table])

BASIC LOGICAL FUNCTIONS

IF	Checks if a given condition is met and returns one value if the condition is TRUE, and another if the condition is FALSE	=IF(LogicalTest, ResultIfTrue, [ResultIfFalse])
IFERROR	Evaluates an expression and returns a specified value if it returns an error, otherwise returns the expression itself	=IFERROR(Value, ValueIfError)
SWITCH	Evaluates an expression against a list of values and returns one of multiple possible expressions	=SWITCH(Expression, Value1, Result1, ..., [Else])
AND	Checks whether both arguments are TRUE to return TRUE, otherwise returns FALSE	=AND(Logical1, Logical2)
OR	Checks whether any argument is TRUE to return TRUE, otherwise returns FALSE	=OR(Logical1, Logical2)

Note: Use the && and || operators to include more than two conditions

TEXT FUNCTIONS

LEN	Returns the number of characters in a string	=LEN(Text)
CONCATENATE	Joins two text strings into one	=CONCATENATE(Text1, Text2)
UPPER /LOWER	Converts a string to upper or lower case	=UPPER/LOWER (Text)
LEFT/ RIGHT/MID	Returns a number of characters from the start/middle/end of a text string	=LEFT/RIGHT(Text, [NumChars]) =MID(Text, StartPosition, NumChars)
SUBSTITUTE	Replaces an instance of existing text with new text in a string	=SUBSTITUTE(Text, OldText, NewText, [InstanceNumber])
SEARCH	Returns the position where a specified string or character is found, reading left to right	=SEARCH(FindText, WithinText, [StartPosition], [NotFoundValue])

BASIC DATE & TIME FUNCTIONS

TODAY/NOW	Returns the current date or exact time	=TODAY/NOW()
DAY/MONTH /YEAR	Returns the day of the month (1-31), month of the year (1-12), or year of a given date	=DAY/MONTH/YEAR(Date)
HOUR/MINUTE /SECOND	Returns the hour (0-23), minute (0-59), or second (0-59) of a given datetime value	=HOUR/MINUTE/ SECOND(Datetime)
WEEKDAY/ WEEKNUM	Returns a weekday number from 1 (Sunday) to 7 (Saturday), or the week # of the year	=WEEKDAY/WEEKNUM(Date, [ReturnType])
EOMONTH	Returns the date of the last day of the month, +/- a specified number of months	=EOMONTH(StartDate, Months)
DATEDIFF	Returns the difference between two dates, based on a given interval (day, hour, year, etc.)	=DATEDIFF(Date1, Date2, Interval)

Total Orders Vs Quantity Sold

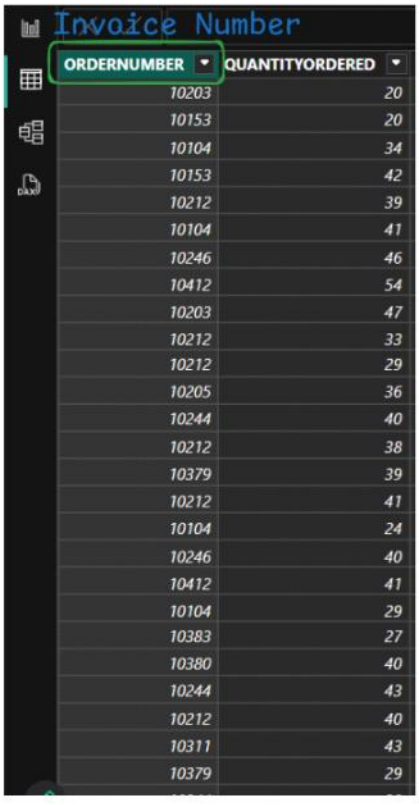
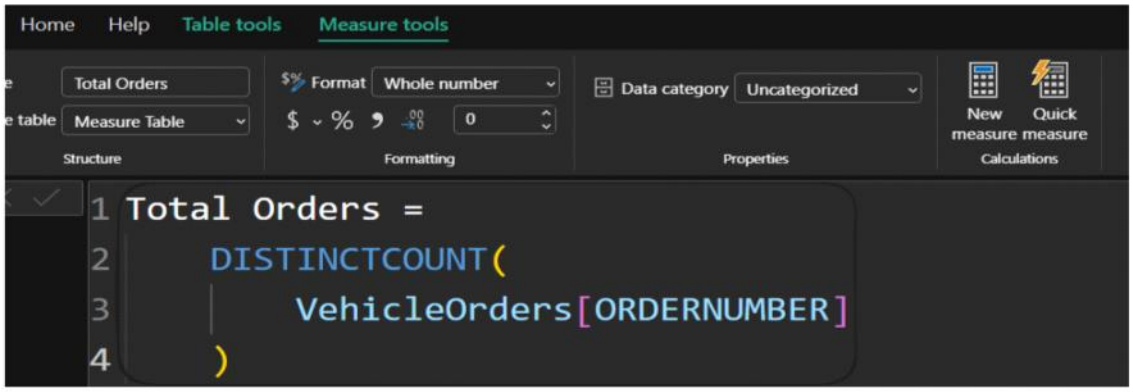
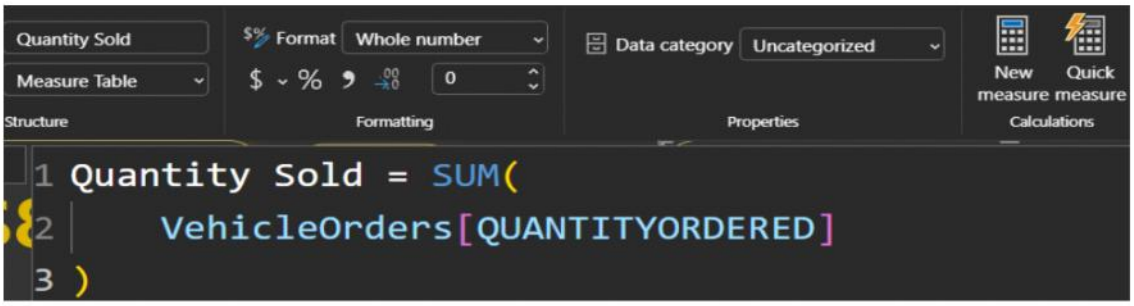


Table: VehicleOrders (3,000 rows) Column: ORDERNUMBER (308 distinct values)

```
DISTINCTCOUNT(ColumnName)
```

Counts the number of distinct values in a column.





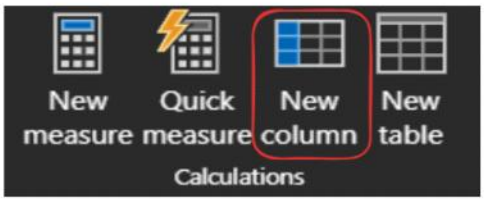
Qty Ordered → Order Type

Calculated Column
- Row Context
- Filtering

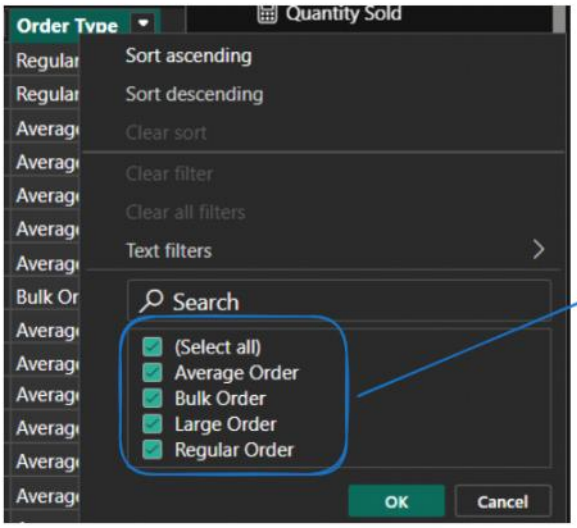
```
0-25 : Regular Order
26-50 : Average Order
51-75 : Bulk Order
>75 : Large Order
```

```
Order Type =
IF(
IF(LogicalTest, ResultIfTrue, [ResultIfFalse])
```

Checks whether a condition is met, and returns one value if TRUE, and another value if FALSE.



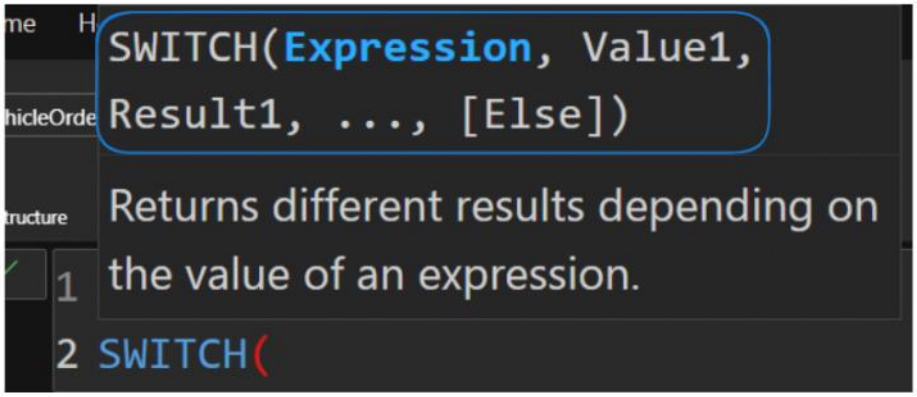
```
Order Type =
IF(VehicleOrders[QUANTITYORDERED] <= 25 , "Regular Order",
    IF(VehicleOrders[QUANTITYORDERED] <= 50 , "Average Order",
        IF(VehicleOrders[QUANTITYORDERED] <= 75 , "Bulk Order", "Large Order")))
```



- Row Context
- Filtering & Grouping

Switch - Alternative Options to perform the above task

1. Replacing Nested IF
2. To Reduce the filters

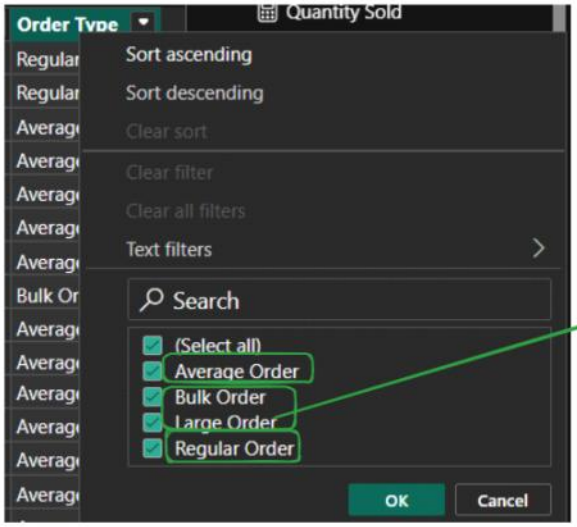


```
Order Type {Switch} =
SWITCH(
    TRUE(),        Numerical Column
    VehicleOrders[QUANTITYORDERED] <= 25, "Regular Order",
    VehicleOrders[QUANTITYORDERED] <= 50, "Average Order",
    VehicleOrders[QUANTITYORDERED] <= 75, "Bulk Order",
    "Large Order")
```

PRODUCTLINE	CITY	STATE	POSTALCODE	COUNTRY	TERRITORY	CONTACTLASTNAME	CONTACTFIRSTNAME	DEALSIZE	Order Type	Order Type (Switch)
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Regular Order	Regular Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Regular Order	Regular Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Trucks and Buses	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Trucks and Buses	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Trucks and Buses	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Bulk Order	Bulk Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Vintage Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Vintage Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Classic Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order
Vintage Cars	Madrid	NA	28034	Spain	EMEA	Freyre	Diego	Medium	Average Order	Average Order

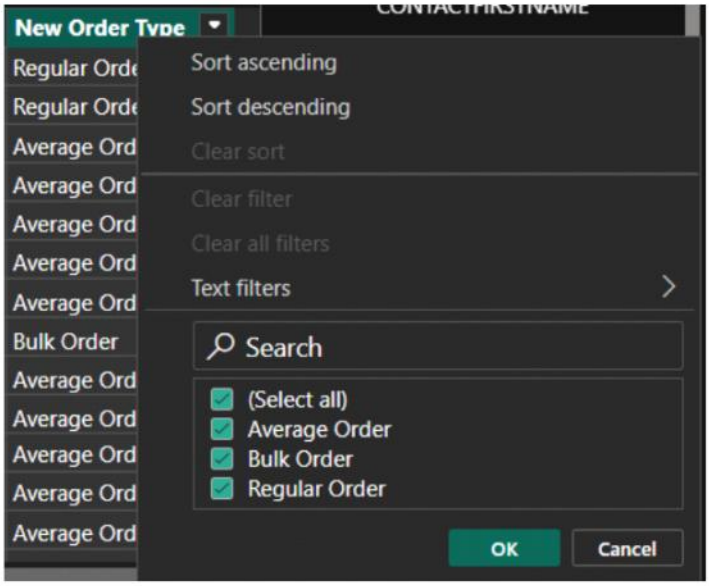
Switch [Categorical Column] - Reducing a Filter

APostive, A++ , +A, A+Positive , A+ve -> A+



Bulk Order & Large Order : Bulk Order

```
New Order Type =
SWITCH(          Expression
    VehicleOrders[Order Type],
    "Regular Order" , "Regular Order",
    "Average Order" , "Average Order",
    "Bulk Order" , "Bulk Order",
    "Large Order" , "Bulk Order"
)
```



Rolling Calendar

"DD/MM/YYYY"

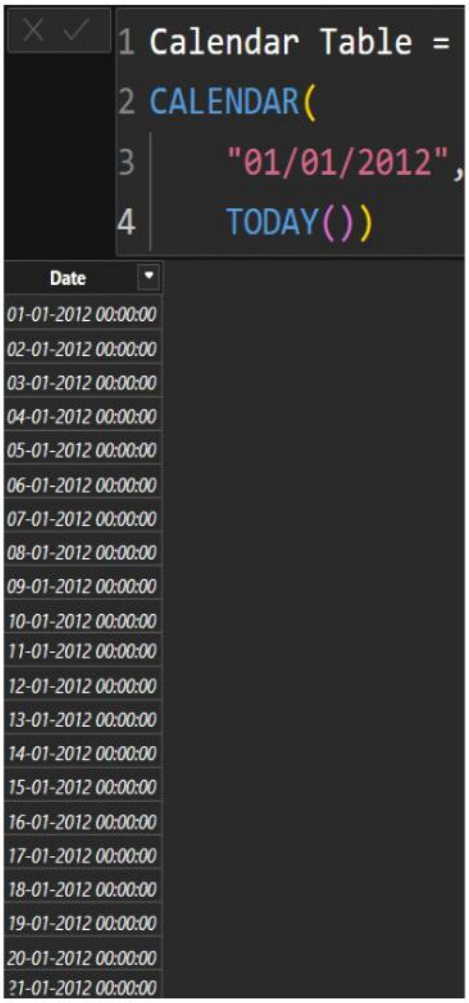
Min(OrderDate)

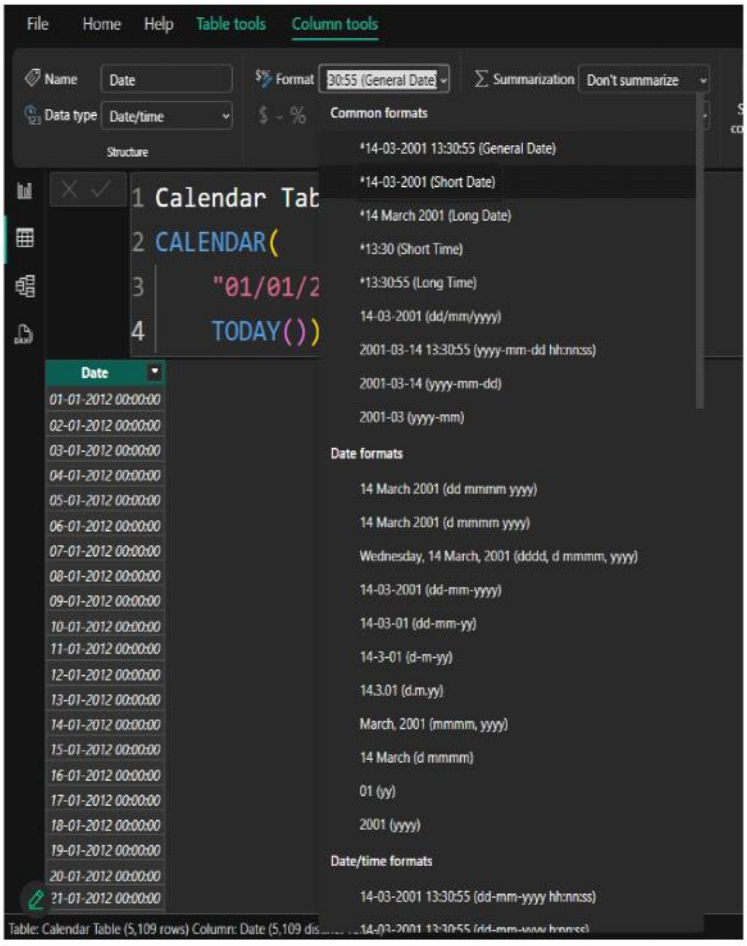
```
CALENDAR(StartDate, EndDate)
Returns a table with one column of all
dates between StartDate and EndDate.
1
2 CALENDAR(
3
```

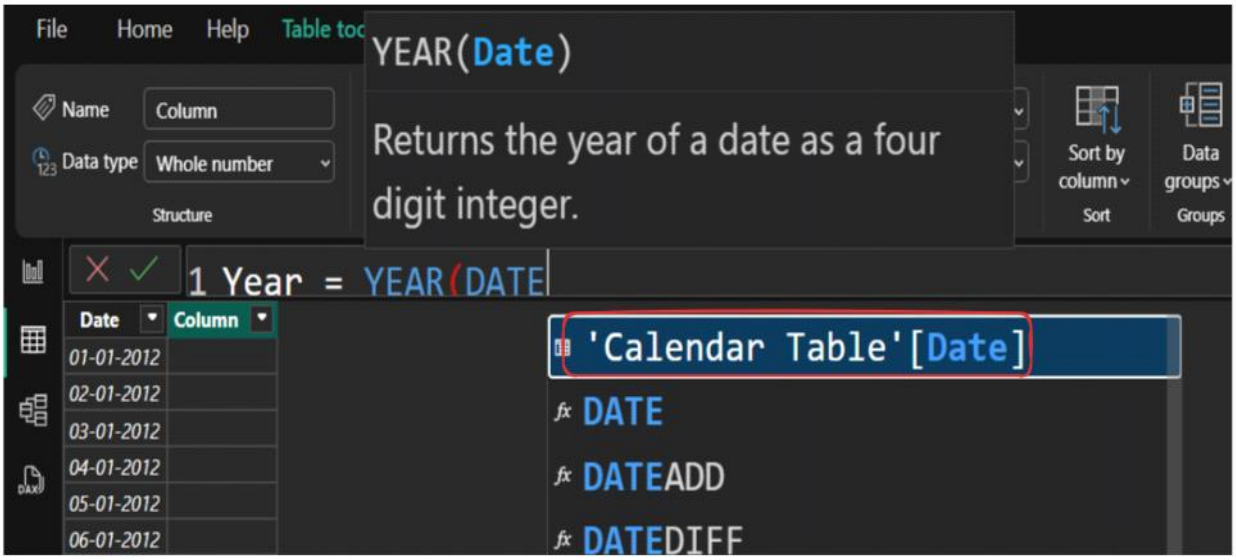
TODAY()

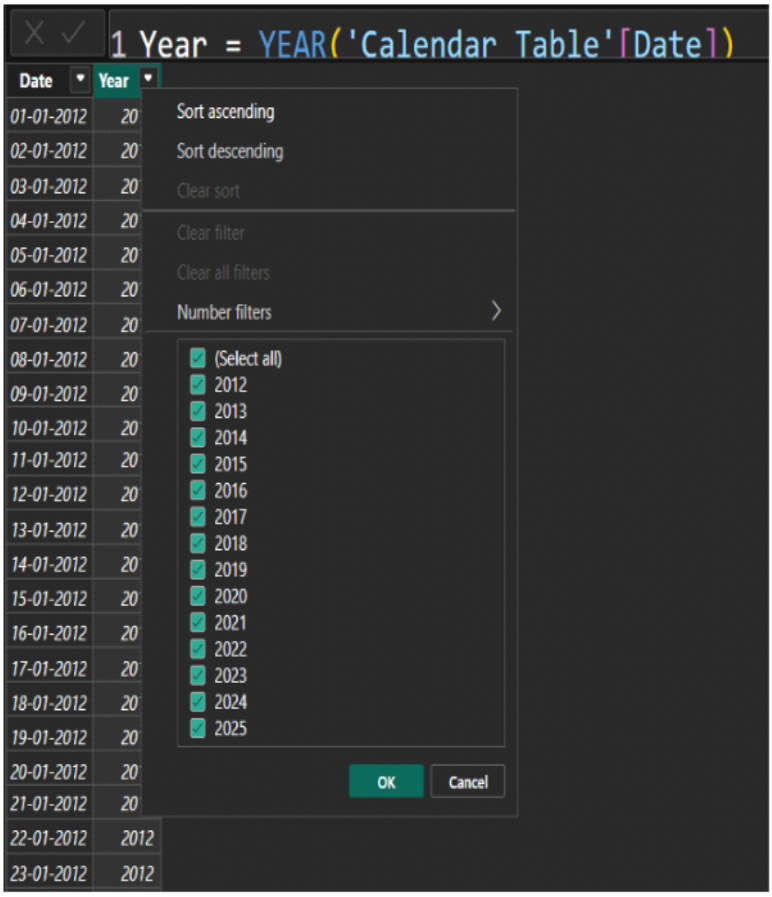
ORDERDATETIME
01-01-2012 02:58:00

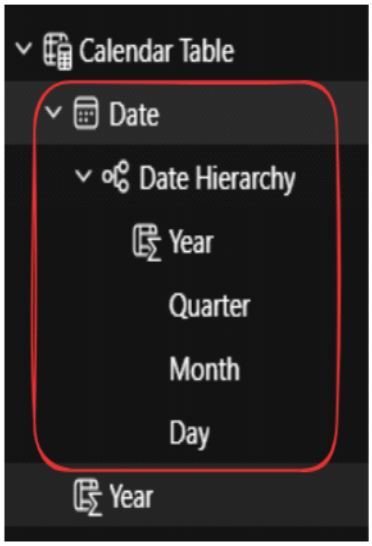
```
CALENDAR(StartDate, EndDate)
Returns a table with one column of all
dates between StartDate and EndDate.
CALENDAR(
    "01/01/2012",
    TODAY()
```

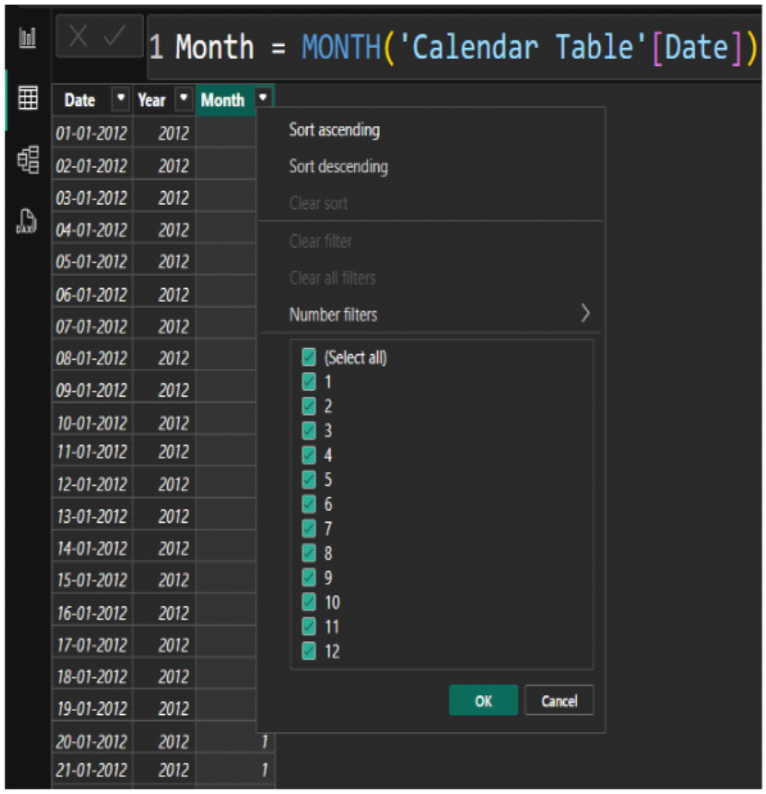

1 Calendar Table =
2 CALENDAR(
3 "01/01/2012",
4 TODAY())
Date
01-01-2012 00:00:00
02-01-2012 00:00:00
03-01-2012 00:00:00
04-01-2012 00:00:00
05-01-2012 00:00:00
06-01-2012 00:00:00
07-01-2012 00:00:00
08-01-2012 00:00:00
09-01-2012 00:00:00
10-01-2012 00:00:00
11-01-2012 00:00:00
12-01-2012 00:00:00
13-01-2012 00:00:00
14-01-2012 00:00:00
15-01-2012 00:00:00
16-01-2012 00:00:00
17-01-2012 00:00:00
18-01-2012 00:00:00
19-01-2012 00:00:00
20-01-2012 00:00:00
21-01-2012 00:00:00

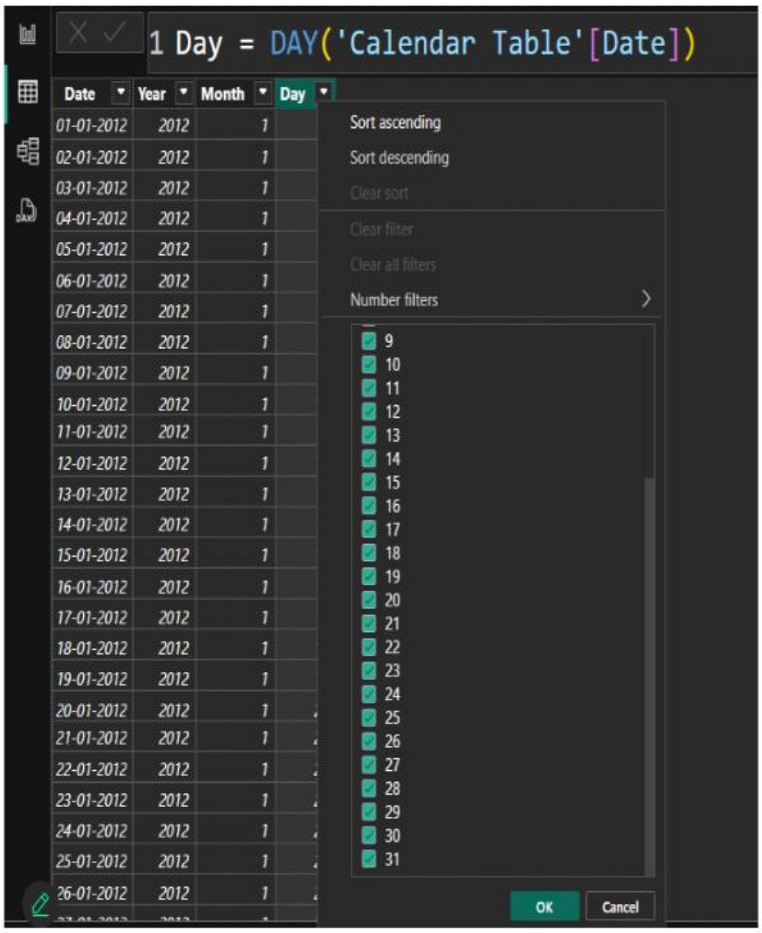

File
Home
Help
Table tools
Column tools
Name
Date
Format
30:55 (General Date)
Summarization
Don't summarize
Data type
Date/time
Structure
Common formats
*14-03-2001 13:30:55 (General Date)
*14-03-2001 (Short Date)
*14 March 2001 (Long Date)
*13:30 (Short Time)
*13:30:55 (Long Time)
14-03-2001 (dd/mm/yyyy)
2001-03-14 13:30:55 (yyyy-mm-dd hh:nn:ss)
2001-03-14 (yyyy-mm-dd)
2001-03 (yyyy-mm)
Date formats
14 March 2001 (dd mmmm yyyy)
14 March 2001 (d mmmm yyyy)
Wednesday, 14 March, 2001 (dddd, d mmmm, yyyy)
14-03-2001 (dd-mm-yyyy)
14-03-01 (dd-mm-yy)
14-3-01 (d-m-yy)
14.3.01 (d.m.yy)
March, 2001 (mmmm, yyyy)
14 March (d mmmm)
01 (yy)
2001 (yyyy)
Date/time formats
14-03-2001 13:30:55 (dd-mm-yyyy hh:nn:ss)
1 Calendar Tab
2 CALENDAR(
3 "01/01/2
4 TODAY())
Date
01-01-2012 00:00:00
02-01-2012 00:00:00
03-01-2012 00:00:00
04-01-2012 00:00:00
05-01-2012 00:00:00
06-01-2012 00:00:00
07-01-2012 00:00:00
08-01-2012 00:00:00
09-01-2012 00:00:00
10-01-2012 00:00:00
11-01-2012 00:00:00
12-01-2012 00:00:00
13-01-2012 00:00:00
14-01-2012 00:00:00
15-01-2012 00:00:00
16-01-2012 00:00:00
17-01-2012 00:00:00
18-01-2012 00:00:00
19-01-2012 00:00:00
20-01-2012 00:00:00
21-01-2012 00:00:00
Table: Calendar Table (5,109 rows) Column: Date (5,109 dis

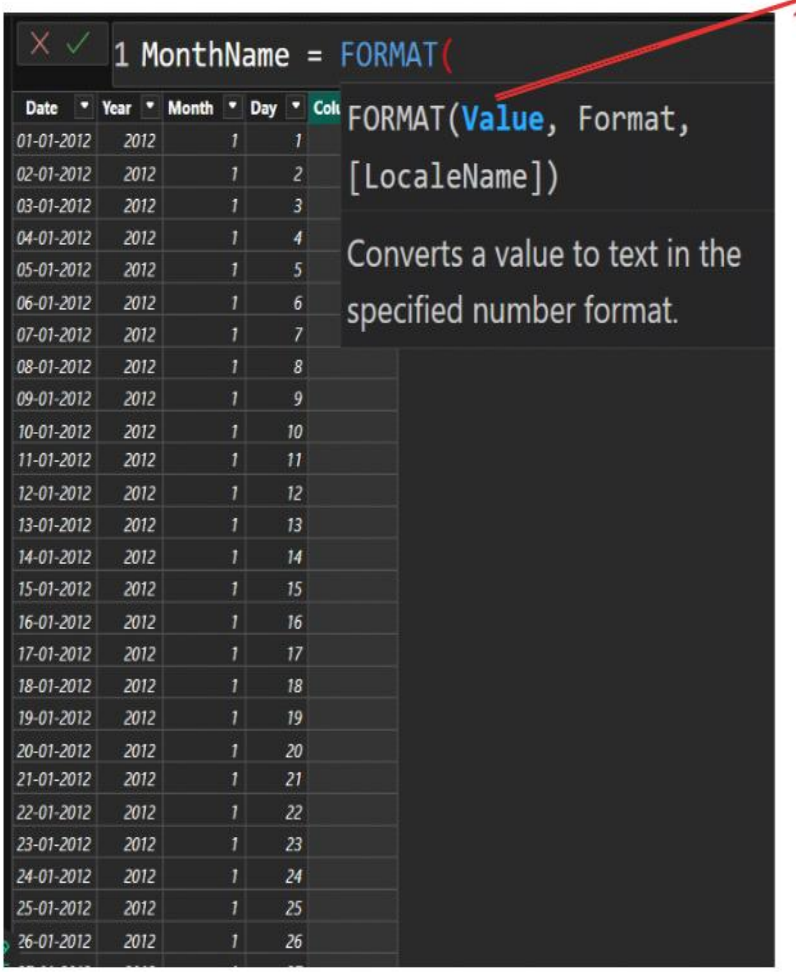

File
Home
Help
Table too
YEAR(Date)
Returns the year of a date as a four digit integer.
Name
Column
Data type
Whole number
Structure
Sort by column
Sort
Data groups
Groups
1 Year = YEAR(DATE
Date
Column
01-01-2012
02-01-2012
03-01-2012
04-01-2012
05-01-2012
06-01-2012
'Calendar Table'[Date]
DATE
DATEADD
DATEDIFF


1 Year = YEAR('Calendar Table'[Date])
Date
Year
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Number filters
(Select all)
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
OK
Cancel

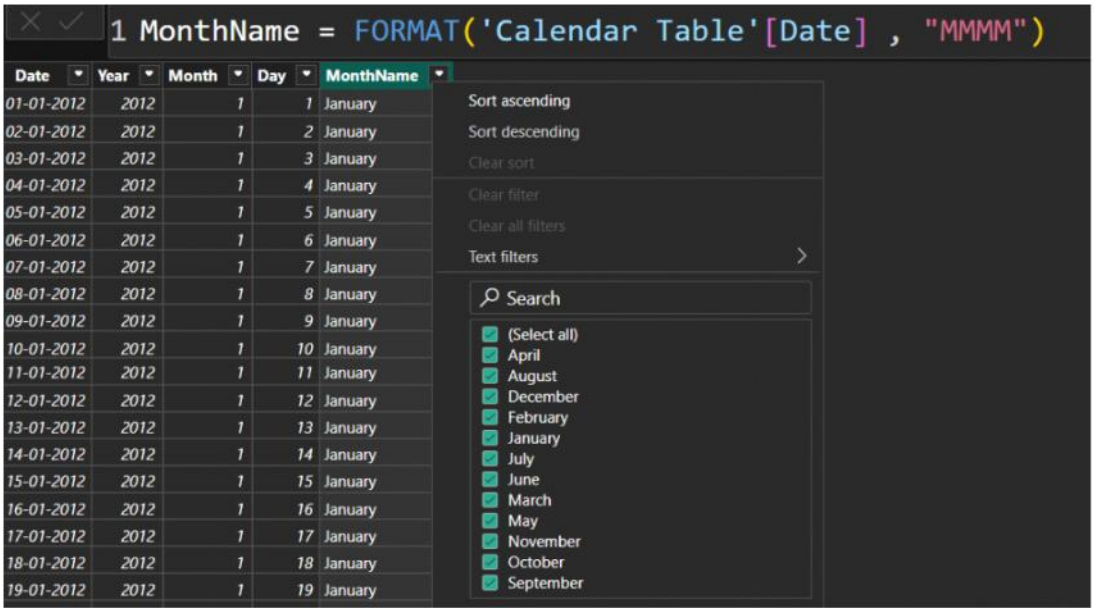

Calendar Table
Date
Date Hierarchy
Year
Quarter
Month
Day
Year

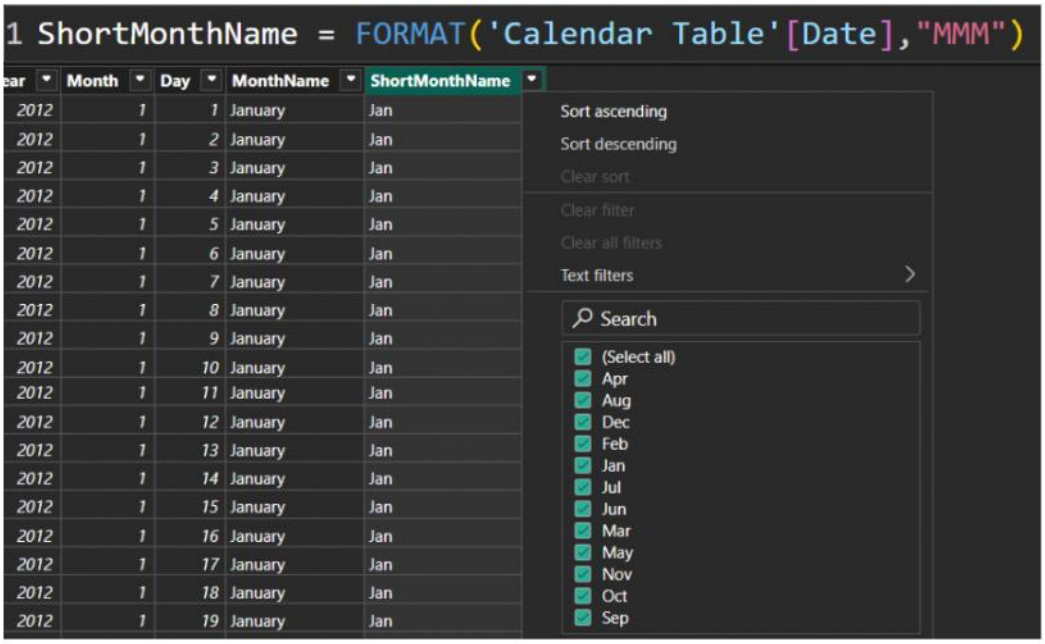

1 Month = MONTH('Calendar Table'[Date])
Date
Year
Month
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Number filters
(Select all)
1
2
3
4
5
6
7
8
9
10
11
12
OK
Cancel

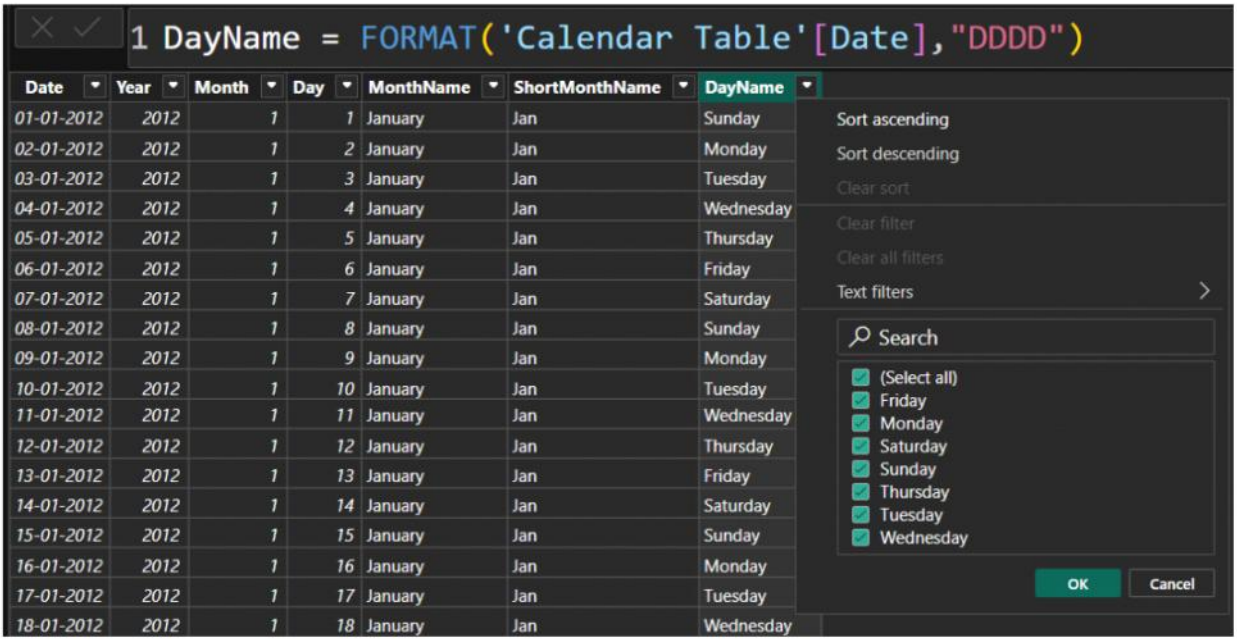


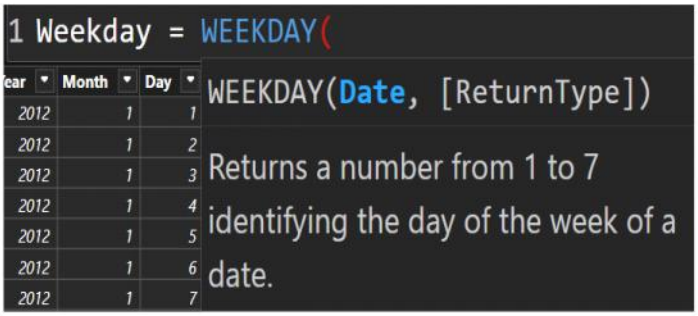


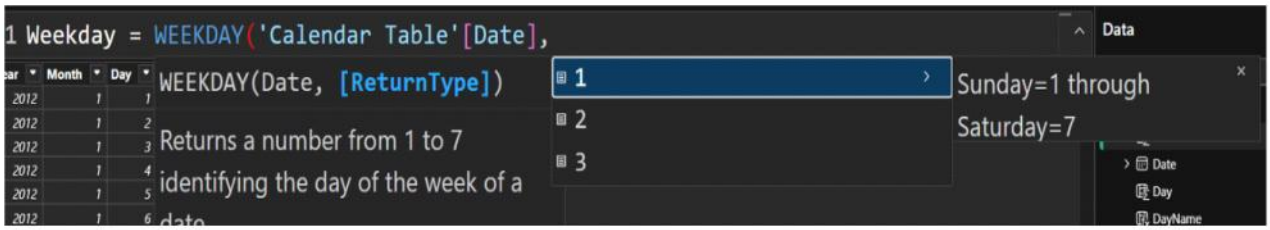
Date , "MMMM" [Long Name]
Date , "MMM" [Short Name]

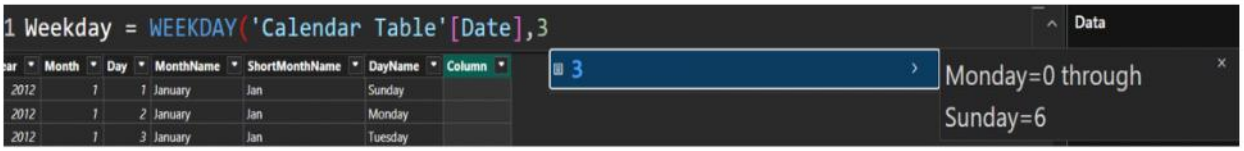

1 MonthName = FORMAT('Calendar Table'[Date] , "MMMM")
Date
Year
Month
Day
MonthName
01-01-2012 2012 1 1 January
02-01-2012 2012 1 2 January
03-01-2012 2012 1 3 January
04-01-2012 2012 1 4 January
05-01-2012 2012 1 5 January
06-01-2012 2012 1 6 January
07-01-2012 2012 1 7 January
08-01-2012 2012 1 8 January
09-01-2012 2012 1 9 January
10-01-2012 2012 1 10 January
11-01-2012 2012 1 11 January
12-01-2012 2012 1 12 January
13-01-2012 2012 1 13 January
14-01-2012 2012 1 14 January
15-01-2012 2012 1 15 January
16-01-2012 2012 1 16 January
17-01-2012 2012 1 17 January
18-01-2012 2012 1 18 January
19-01-2012 2012 1 19 January
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Text filters
Search
(Select all)
April
August
December
February
January
July
June
March
May
November
October
September

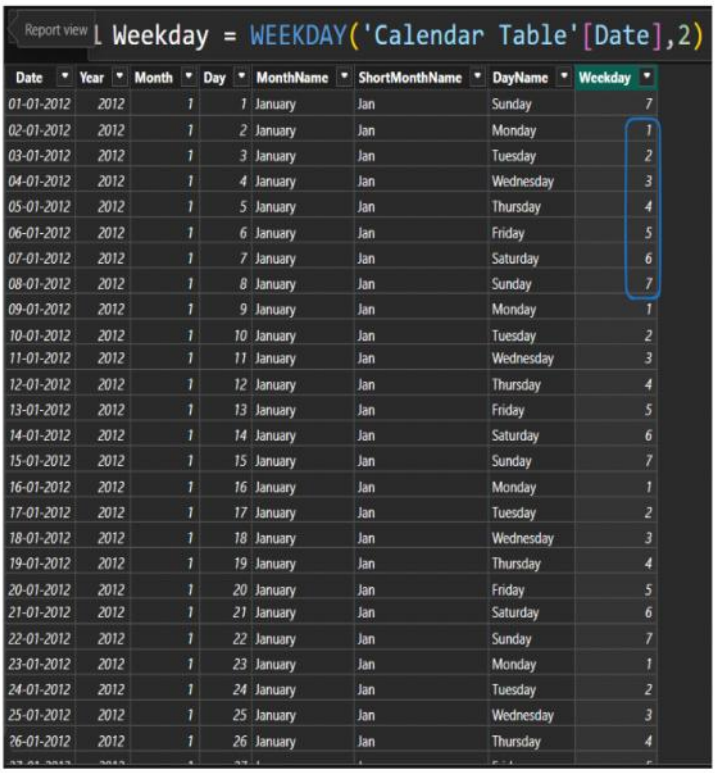

1 ShortMonthName = FORMAT('Calendar Table'[Date],"MMM")
Month
Day
MonthName
ShortMonthName
2012 1 1 January Jan
2012 1 2 January Jan
2012 1 3 January Jan
2012 1 4 January Jan
2012 1 5 January Jan
2012 1 6 January Jan
2012 1 7 January Jan
2012 1 8 January Jan
2012 1 9 January Jan
2012 1 10 January Jan
2012 1 11 January Jan
2012 1 12 January Jan
2012 1 13 January Jan
2012 1 14 January Jan
2012 1 15 January Jan
2012 1 16 January Jan
2012 1 17 January Jan
2012 1 18 January Jan
2012 1 19 January Jan
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Text filters
Search
(Select all)
Apr
Aug
Dec
Feb
Jan
Jul
Jun
Mar
May
Nov
Oct
Sep


1 DayName = FORMAT('Calendar Table'[Date],"DDDD")
Date
Year
Month
Day
MonthName
ShortMonthName
DayName
01-01-2012 2012 1 1 January Jan Sunday
02-01-2012 2012 1 2 January Jan Monday
03-01-2012 2012 1 3 January Jan Tuesday
04-01-2012 2012 1 4 January Jan Wednesday
05-01-2012 2012 1 5 January Jan Thursday
06-01-2012 2012 1 6 January Jan Friday
07-01-2012 2012 1 7 January Jan Saturday
08-01-2012 2012 1 8 January Jan Sunday
09-01-2012 2012 1 9 January Jan Monday
10-01-2012 2012 1 10 January Jan Tuesday
11-01-2012 2012 1 11 January Jan Wednesday
12-01-2012 2012 1 12 January Jan Thursday
13-01-2012 2012 1 13 January Jan Friday
14-01-2012 2012 1 14 January Jan Saturday
15-01-2012 2012 1 15 January Jan Sunday
16-01-2012 2012 1 16 January Jan Monday
17-01-2012 2012 1 17 January Jan Tuesday
18-01-2012 2012 1 18 January Jan Wednesday
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Text filters
Search
(Select all)
Friday
Monday
Saturday
Sunday
Thursday
Tuesday
Wednesday
OK
Cancel









Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday
01-01-2012	2012	1	1	January	Jan	Sunday	7
02-01-2012	2012	1	2	January	Jan	Monday	1
03-01-2012	2012	1	3	January	Jan	Tuesday	2
04-01-2012	2012	1	4	January	Jan	Wednesday	3
05-01-2012	2012	1	5	January	Jan	Thursday	4
06-01-2012	2012	1	6	January	Jan	Friday	5
07-01-2012	2012	1	7	January	Jan	Saturday	6
08-01-2012	2012	1	8	January	Jan	Sunday	7
09-01-2012	2012	1	9	January	Jan	Monday	1
10-01-2012	2012	1	10	January	Jan	Tuesday	2
11-01-2012	2012	1	11	January	Jan	Wednesday	3
12-01-2012	2012	1	12	January	Jan	Thursday	4
13-01-2012	2012	1	13	January	Jan	Friday	5
14-01-2012	2012	1	14	January	Jan	Saturday	6
15-01-2012	2012	1	15	January	Jan	Sunday	7
16-01-2012	2012	1	16	January	Jan	Monday	1
17-01-2012	2012	1	17	January	Jan	Tuesday	2
18-01-2012	2012	1	18	January	Jan	Wednesday	3
19-01-2012	2012	1	19	January	Jan	Thursday	4
20-01-2012	2012	1	20	January	Jan	Friday	5
21-01-2012	2012	1	21	January	Jan	Saturday	6
22-01-2012	2012	1	22	January	Jan	Sunday	7
23-01-2012	2012	1	23	January	Jan	Monday	1
24-01-2012	2012	1	24	January	Jan	Tuesday	2
25-01-2012	2012	1	25	January	Jan	Wednesday	3
26-01-2012	2012	1	26	January	Jan	Thursday	4

IsWeekend? = IF {6,7} "Weekend","Weekday"

Multiple OR Logical Can be Replace with "IN"

```
IsWeekend? =
IF('Calendar Table'[Weekday] = 6 || 'Calendar Table'[Weekday] = 7 , "Weekend" , "Weekday")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Weekday
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Weekday
12-01-2012	2012	1	12	January	Jan	Thursday	4	Weekday
13-01-2012	2012	1	13	January	Jan	Friday	5	Weekday
14-01-2012	2012	1	14	January	Jan	Saturday	6	Weekend
15-01-2012	2012	1	15	January	Jan	Sunday	7	Weekend


```
IsWeekend? =
IF('Calendar Table'[Weekday] IN {6,7} , "Weekend" , "Weekday")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Weekend

```
IsWeekend? =
IF( Calendar Table'[DayName] IN {"Saturday","Sunday"} , "Weekend" , "Weekday")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Weekday
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Weekday
12-01-2012	2012	1	12	January	Jan	Thursday	4	Weekday
13-01-2012	2012	1	13	January	Jan	Friday	5	Weekday
14-01-2012	2012	1	14	January	Jan	Saturday	6	Weekend
15-01-2012	2012	1	15	January	Jan	Sunday	7	Weekend
16-01-2012	2012	1	16	January	Jan	Monday	1	Weekday
17-01-2012	2012	1	17	January	Jan	Tuesday	2	Weekday
18-01-2012	2012	1	18	January	Jan	Wednesday	3	Weekday
19-01-2012	2012	1	19	January	Jan	Thursday	4	Weekday
20-01-2012	2012	1	20	January	Jan	Friday	5	Weekday
21-01-2012	2012	1	21	January	Jan	Saturday	6	Weekend
22-01-2012	2012	1	22	January	Jan	Sunday	7	Weekend
23-01-2012	2012	1	23	January	Jan	Monday	1	Weekday
24-01-2012	2012	1	24	January	Jan	Tuesday	2	Weekday
25-01-2012	2012	1	25	January	Jan	Wednesday	3	Weekday

```
1 ShortDayName = FORMAT('Calendar Table'[Date],"DDD")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu
06-01-2012	2012	1	6	January	Jan	Friday	5	Fri
07-01-2012	2012	1	7	January	Jan	Saturday	6	Sat
08-01-2012	2012	1	8	January	Jan	Sunday	7	Sun
09-01-2012	2012	1	9	January	Jan	Monday	1	Mon
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Tue
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Wed
12-01-2012	2012	1	12	January	Jan	Thursday	4	Thu
13-01-2012	2012	1	13	January	Jan	Friday	5	Fri
14-01-2012	2012	1	14	January	Jan	Saturday	6	Sat
15-01-2012	2012	1	15	January	Jan	Sunday	7	Sun

```
1 IsWeekend? =
2 IF('Calendar Table'[Weekday] = 1 ||
3     'Calendar Table'[Weekday] = 2 ||
4     'Calendar Table'[Weekday] = 3 ||
5     'Calendar Table'[Weekday] = 4 ||
6     'Calendar Table'[Weekday] = 5 ,
7      "Weekday",
8      "Weekend")
```

IN

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Fri	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Sat	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Sun	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Mon	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Tue	Weekday
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Wed	Weekday
12-01-2012	2012	1	12	January	Jan	Thursday	4	Thu	Weekday
13-01-2012	2012	1	13	January	Jan	Friday	5	Fri	Weekday
14-01-2012	2012	1	14	January	Jan	Saturday	6	Sat	Weekend

```
IsWeekend? =
IF('Calendar Table'[Weekday] IN {1,2,3,4,5},
    "Weekday",
    "Weekend")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Fri	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Sat	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Sun	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Mon	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Tue	Weekday
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Wed	Weekday
12-01-2012	2012	1	12	January	Jan	Thursday	4	Thu	Weekday
13-01-2012	2012	1	13	January	Jan	Friday	5	Fri	Weekday
14-01-2012	2012	1	14	January	Jan	Saturday	6	Sat	Weekend
15-01-2012	2012	1	15	January	Jan	Sunday	7	Sun	Weekend
16-01-2012	2012	1	16	January	Jan	Monday	1	Mon	Weekday
17-01-2012	2012	1	17	January	Jan	Tuesday	2	Tue	Weekday
18-01-2012	2012	1	18	January	Jan	Wednesday	3	Wed	Weekday
19-01-2012	2012	1	19	January	Jan	Thursday	4	Thu	Weekday
20-01-2012	2012	1	20	January	Jan	Friday	5	Fri	Weekday
21-01-2012	2012	1	21	January	Jan	Saturday	6	Sat	Weekend

```
IsWeekend? =
IF('Calendar Table'[ShortDayName] IN {"Mon","Tue","Wed","Thu","Fri"},
    "Weekday",
    "Weekend")
```

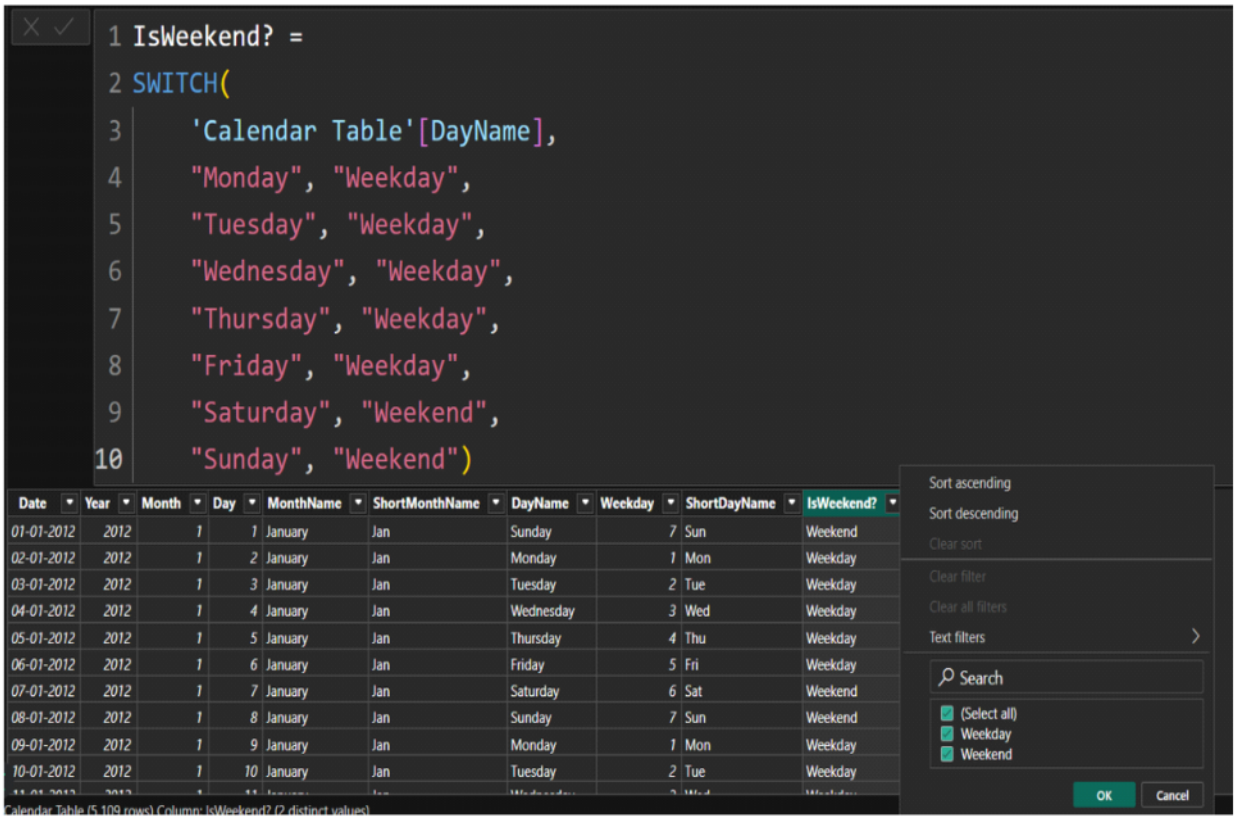
Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Fri	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Sat	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Sun	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Mon	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Tue	Weekday
11-01-2012	2012	1	11	January	Jan	Wednesday	3	Wed	Weekday
12-01-2012	2012	1	12	January	Jan	Thursday	4	Thu	Weekday
13-01-2012	2012	1	13	January	Jan	Friday	5	Fri	Weekday
14-01-2012	2012	1	14	January	Jan	Saturday	6	Sat	Weekend
15-01-2012	2012	1	15	January	Jan	Sunday	7	Sun	Weekend
16-01-2012	2012	1	16	January	Jan	Monday	1	Mon	Weekday
17-01-2012	2012	1	17	January	Jan	Tuesday	2	Tue	Weekday
18-01-2012	2012	1	18	January	Jan	Wednesday	3	Wed	Weekday

```
IsWeekend? =
SWITCH(
    TRUE(),
    'Calendar Table'[ShortDayName] = "Mon" , "Weekday",
    'Calendar Table'[ShortDayName] = "Tue" , "Weekday",
    'Calendar Table'[ShortDayName] = "Wed" , "Weekday",
    'Calendar Table'[ShortDayName] = "Thu" , "Weekday",
    'Calendar Table'[ShortDayName] = "Fri" , "Weekday",
    "Weekend")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu	Weekday

```
IsWeekend? =
SWITCH(
    TRUE(),
    'Calendar Table'[ShortDayName] = "Sat","Weekend",
    'Calendar Table'[ShortDayName] = "Sun","Weekend",
    "Weekday")
```

Date	Year	Month	Day	MonthName	ShortMonthName	DayName	Weekday	ShortDayName	IsWeekend?
01-01-2012	2012	1	1	January	Jan	Sunday	7	Sun	Weekend
02-01-2012	2012	1	2	January	Jan	Monday	1	Mon	Weekday
03-01-2012	2012	1	3	January	Jan	Tuesday	2	Tue	Weekday
04-01-2012	2012	1	4	January	Jan	Wednesday	3	Wed	Weekday
05-01-2012	2012	1	5	January	Jan	Thursday	4	Thu	Weekday
06-01-2012	2012	1	6	January	Jan	Friday	5	Fri	Weekday
07-01-2012	2012	1	7	January	Jan	Saturday	6	Sat	Weekend
08-01-2012	2012	1	8	January	Jan	Sunday	7	Sun	Weekend
09-01-2012	2012	1	9	January	Jan	Monday	1	Mon	Weekday
10-01-2012	2012	1	10	January	Jan	Tuesday	2	Tue	Weekday


IsWeekend? =
SWITCH(
'Calendar Table'[DayName],
"Monday", "Weekday",
"Tuesday", "Weekday",
"Wednesday", "Weekday",
"Thursday", "Weekday",
"Friday", "Weekday",
"Saturday", "Weekend",
"Sunday", "Weekend")
Date
Year
Month
Day
MonthName
ShortMonthName
DayName
Weekday
ShortDayName
IsWeekend?
01-01-2012 2012 1 1 January Jan Sunday 7 Sun Weekend
02-01-2012 2012 1 2 January Jan Monday 1 Mon Weekday
03-01-2012 2012 1 3 January Jan Tuesday 2 Tue Weekday
04-01-2012 2012 1 4 January Jan Wednesday 3 Wed Weekday
05-01-2012 2012 1 5 January Jan Thursday 4 Thu Weekday
06-01-2012 2012 1 6 January Jan Friday 5 Fri Weekday
07-01-2012 2012 1 7 January Jan Saturday 6 Sat Weekend
08-01-2012 2012 1 8 January Jan Sunday 7 Sun Weekend
09-01-2012 2012 1 9 January Jan Monday 1 Mon Weekday
10-01-2012 2012 1 10 January Jan Tuesday 2 Tue Weekday
Sort ascending
Sort descending
Clear sort
Clear filter
Clear all filters
Text filters
Search
(Select all)
Weekday
Weekend
OK
Cancel