

EXAMPLE - Date Functions

This example illustrates how a variety of date-related functions can be used to derive specific values out of a column of Datetime type.

- YEAR - Returns the four-digit year value from a Datetime value. See *YEAR Function*.
- MONTH - Returns the two-digit month value from a Datetime value. See *MONTH Function*.
- MONTHNAME - Returns the full month name value from a Datetime value. See *MONTHNAME Function*.
- WEEKDAYNAME - Returns the weekday name value from a Datetime value. See *WEEKDAYNAME Function*.
- DAY - Returns the day of the month as a numeric value from a Datetime value. See *DAY Function*.
- HOUR - Returns the hour value on a 24-hour scale from a Datetime value. See *HOUR Function*.
- MINUTE - Returns the minutes value from a Datetime value. See *MINUTE Function*.
- SECOND - Returns the seconds value from a Datetime value. See *SECOND Function*.

Source:

date
2/8/16 15:41
12/30/15 0:00
4/26/15 7:07

Transformation:

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	YEAR (date)

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	MONTH (date)

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	MONTHNAME (date)

Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	WEEKDAYNAME (date)

Transformation Name	New formula
Parameter: Formula type	Single row formula

Parameter: Formula	DAY (date)
Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	HOUR (date)
Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	MINUTE (date)
Transformation Name	New formula
Parameter: Formula type	Single row formula
Parameter: Formula	SECOND (date)

Results:

NOTE: If the source Datetime value does not contain a valid input for one of these functions, no value is returned. See the `second_date` column below.

date	year_date	month_date	monthname_date	weekdayname_date	day_date	hour_date	minute_date	second_date
2/8/16 15:41	2016	2	February	Monday	8	15	41	
12/30 /15 0: 00	2015	12	December	Wednesday	30	0	0	
4/26 /15 7: 07	2015	4	April	Sunday	26	7	7	