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DATEADD Function (DAX)

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Returns a table that contains a column of dates, shifted either forward or backward in time by the specified number of intervals from the dates in the current context.

Syntax

```
DATEADD(<dates>,<number_of_intervals>,<interval>)
```

Parameters

Term	Definition
dates	A column that contains dates.
number_of_intervals	An integer that specifies the number of intervals to add to or subtract from the dates.
interval	The interval by which to shift the dates. The value for interval can be one of the following: year , quarter , month , day

Return Value

A table containing a single column of date values.

Remarks

Note

To understand more about how context affects the results of formulas, see [Context in DAX Formulas](#).

The **dates** argument can be any of the following:

- A reference to a date/time column,
- A table expression that returns a single column of date/time values,
- A Boolean expression that defines a single-column table of date/time values.

Note

Constraints on Boolean expressions are described in the topic, [CALCULATE Function \(DAX\)](#).

If the number specified for **number_of_intervals** is positive, the dates in **dates** are moved forward in time; if the number is negative, the dates in **dates** are shifted back in time.

The **interval** parameter is an enumeration, not a set of strings; therefore values should not be enclosed in quotation marks. Also, the values: [year](#), [quarter](#), [month](#), [day](#) should be spelled in full when using them.

The result table includes only dates that exist in the **dates** column.

Example: Shifting a Set of Dates

Description

The following formula calculates dates that are one year before the dates in the current context.

Code

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```
=DATEADD(DateTime[DateKey],-1,year)
```

See Also

Concepts

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Other Resources

[Time Intelligence Functions \(DAX\)](#)

[Date and Time Functions \(DAX\)](#)

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