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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
<b>dates</b>	A column that contains dates.
<b>number_of_intervals</b>	An integer that specifies the number of intervals to add to or subtract from the dates.
<b>interval</b>	The interval by which to shift the dates. The value for interval can be one of the following: <a href="#">year</a> , <a href="#">quarter</a> , <a href="#">month</a> , <a href="#">day</a>

### 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

[Get Sample Data for PowerPivot](#)

#### Other Resources

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

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

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