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SAMEPERIODLASTYEAR Function (DAX)

Example See Also Send Feedback

Returns a table that contains a column of dates shifted one year back in time from the dates in the specified **dates** column, in the current context.

☐ Syntax

```
SAMEPERIODLASTYEAR(<dates>)
```

☐ Parameters

Term	Definition
dates	A column containing dates.

☐ Property Value/Return Value

A single-column table 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).

The dates returned are the same as the dates returned by this equivalent formula:

```
DATEADD(dates, -1, year)
```

☐ Example

The following sample formula creates a measure that calculates the previous year sales of the Reseller sales.

To see how this works, create a PivotTable and add the fields, CalendarYear to the **Row Labels** area of the PivotTable. Then add a measure, named **Previous Year Sales**, using the formula defined in the code section, to the **Values** area of the PivotTable.

📋 Copy Code

```
=CALCULATE(SUM(ResellerSales_USD[SalesAmount_USD]), SAMEPERIODLASTYEAR(DateTime[DateKey]))
```

☐ See Also

Reference

PREVIOUSYEAR Function (DAX)
PARALLELPERIOD Function (DAX)

Other Resources

Time Intelligence Functions (DAX)
Date and Time Functions (DAX)

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