

How can I use the EOMONTH function in Excel to calculate the end of the month?

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The EOMONTH function in Excel is a useful tool for calculating the end of the month. This function allows users to input a date and a number of months, and it will return the last day of the specified month. This can be helpful for financial planning, budgeting, and other time-sensitive tasks. By utilizing the EOMONTH function, users can easily and accurately determine the end of the month without manually counting days. This function is commonly used in Excel spreadsheets to streamline calculations and improve efficiency. It is a simple and effective tool for managing data and dates in a professional setting.

This article describes the formula syntax and usage of the **EOMONTH** function in Microsoft Excel.

Description

Returns the serial number for the last day of the month that is the indicated number of months before or after start_date. Use EOMONTH to calculate maturity dates or due dates that fall on the last day of the month.

Syntax

EOMONTH(start_date, months)

The EOMONTH function syntax has the following arguments:

Start_date Required. A date that represents the starting date. Dates should be entered by using the DATE function, or as results of other formulas or functions. For example, use DATE(2008,5,23) for the 23rd day of May, 2008. Problems can occur if dates are entered as text.

Months Required. The number of months before or after start_date. A positive value for months yields a future date; a negative value yields a past date.

Note: If months is not an integer, it is truncated.

Remarks

Microsoft Excel stores dates as sequential serial numbers so they can be used in calculations. By default, January 1, 1900 is serial number 1, and January 1, 2008 is serial number 39448 because it is 39,448 days after January 1, 1900.

If start_date is not a valid date, EOMONTH returns the #NUM! error value.

If start_date plus months yields an invalid date, EOMONTH returns the #NUM! error value.