

How do I use the TIMEVALUE function in Excel?

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The TIMEVALUE function in Excel is a useful tool for converting a specific time in text format to a numerical value in Excel. This function is particularly helpful when working with time data that needs to be used in calculations or analysis. To use the TIMEVALUE function, simply enter the time in a cell in text format, and then use the function to convert it to a numerical value. This function follows the 24-hour clock format and can handle both AM and PM times. It is a straightforward and efficient way to work with time data in Excel.

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

Description

Returns the decimal number of the time represented by a text string. The decimal number is a value ranging from 0 (zero) to 0.99988426, representing the times from 0:00:00 (12:00:00 AM) to 23:59:59 (11:59:59 P.M.).

Syntax

TIMEVALUE(time_text)

The TIMEVALUE function syntax has the following arguments:

Time_text Required. A text string that represents a time in any one of the Microsoft Excel time formats; for example, "6:45 PM" and "18:45" text strings within quotation marks that represent time.

Remarks

Date information in time_text is ignored.

Time values are a portion of a date value and represented by a decimal number (for example, 12:00 PM is represented as 0.5 because it is half of a day).