

How do I calculate the duration of a project in Excel?

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To calculate the duration of a project in Excel, follow these steps:

1. Create a spreadsheet with the project tasks listed in a column and their corresponding start and end dates in two adjacent columns.
2. In a separate cell, enter the formula "`=SUM(end date column - start date column)`" to calculate the duration for each task.
3. To find the total duration of the project, use the SUM function to add up all the individual task durations.
4. You can also use the MIN and MAX functions to find the earliest start date and latest end date, which will give you the overall project duration.
5. Remember to format the cells as dates to ensure accurate calculations. This method allows for easy tracking and adjustment of project timelines in Excel.

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

Description

Returns the number of periods required by an investment to reach a specified value.

Syntax

PDURATION(rate, pv, fv)

The PDURATION function syntax has the following arguments.

Rate Required. Rate is the interest rate per period.

Pv Required. Pv is the present value of the investment.

Fv Required. Fv is the desired future value of the investment.

PDURATION uses the following equation, where *specifiedValue* is equal to *fv*, and *currentValue* is equal to *pv*:

$$PDURATION = \frac{\log(\text{specifiedValue}) - \log(\text{currentValue})}{\log(1 + \text{rate})}$$

Remarks

PDURATION requires that all arguments are positive values.

If argument values are not valid, PDURATION returns the #NUM! error value.

If arguments are not using valid data types, PDURATION returns the #VALUE! error value.

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