

How can I use the ROUNDDOWN function in Excel?

Authored by
stats writer

July 1, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I use the ROUNDDOWN function in Excel?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=163128>

The ROUNDDOWN function in Excel allows users to round a number down to a specified number of digits. This function is useful in financial calculations or when dealing with large datasets, as it allows for more precise results. To use the ROUNDDOWN function, simply enter the formula "`=ROUNDDOWN(number, num_digits)`" into a cell. The "number" refers to the value you want to round down, while "num_digits" represents the number of digits you want to round down to. This function is particularly helpful when dealing with decimal numbers, as it ensures accurate results without any rounding errors. By utilizing the ROUNDDOWN function, users can improve the accuracy and efficiency of their data analysis in Excel.

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

Description

Rounds a number down, toward zero.

Syntax

`ROUNDDOWN(number, num_digits)`

The ROUNDDOWN function syntax has the following arguments:

Number Required. Any real number that you want rounded down.

Num_digits Required. The number of digits to which you want to round number.

Remarks

ROUNDDOWN behaves like ROUND, except that it always rounds a number down.

If num_digits is greater than 0 (zero), then number is rounded down to the specified number of decimal places.

If num_digits is 0, then number is rounded down to the nearest integer.

If num_digits is less than 0, then number is rounded down to the left of the decimal point.