

How can I use the DELTA function in Excel to compare two values and return a 1 if they are equal and a 0 if they are not?

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The DELTA function in Excel is a useful tool for comparing two values and determining if they are equal or not. By using this function, you can easily retrieve a value of 1 if the two specified values are equal, and a value of 0 if they are not. This function accepts two arguments, which are the values to be compared, and returns a numeric value based on the comparison result. It provides a simple and efficient way to perform equality checks in Excel, making it a valuable function for data analysis and decision making.

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

Description

Tests whether two values are equal. Returns 1 if number1 = number2; returns 0 otherwise. Use this function to filter a set of values. For example, by summing several DELTA functions you calculate the count of equal pairs. This function is also known as the Kronecker Delta function.

Syntax

DELTA(number1,)

The DELTA function syntax has the following arguments:

Number1 Required. The first number.

Number2 Optional. The second number. If omitted, number2 is assumed to be zero.

Remarks

If number1 is nonnumeric, DELTA returns the #VALUE! error value.

If number2 is nonnumeric, DELTA returns the #VALUE! error value.