

How can I use the CSC function in Excel?

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The CSC function in Excel is a mathematical function that calculates the cosecant of a given angle. To use this function, simply type "`=CSC(angle)`" in a cell, where "angle" is the angle in radians for which you want to find the cosecant. This function can be useful for trigonometric calculations and data analysis in spreadsheets. It is important to note that the angle must be in radians for the function to work properly. Additionally, the CSC function can only be used in newer versions of Excel, such as Excel 2013 or later. By using the CSC function, users can easily and accurately calculate the cosecant of any given angle in their Excel spreadsheets.

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

Description

Returns the cosecant of an angle specified in radians.

Syntax

`CSC(number)`

The CSC function syntax has the following arguments.

Number Required.

Remarks

The absolute value of Number must be less than 2^{27} .

If Number is outside its constraints, CSC returns the #NUM! error value.

If Number is a non-numeric value, CSC returns the #VALUE! error value.

`CSC(n)` equals $1/\text{SIN}(n)$.