

How can I create a SMALL function in Excel?

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Creating a SMALL function in Excel allows you to easily find and return the nth smallest value in a given data set. This function is useful for organizing and analyzing data in a spreadsheet. To create a SMALL function, you can follow these steps: select a cell where you want the result to appear, type "=SMALL(" and then select the data range you want to analyze, followed by a comma and the nth value you want to find. Finally, close the function with a closing parenthesis and press enter. The result will be the nth smallest value in the selected data range. This function can be customized and used in various ways to suit your specific needs.

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

Description

Returns the k-th smallest value in a data set. Use this function to return values with a particular relative standing in a data set.

Syntax

SMALL(array, k)

The SMALL function syntax has the following arguments:

Array Required. An array or range of numerical data for which you want to determine the k-th smallest value.

K Required. The position (from the smallest) in the array or range of data to return.

Remarks

If array is empty, SMALL returns the #NUM! error value.

If $k \leq 0$ or if k exceeds the number of data points, SMALL returns the #NUM! error value.

If n is the number of data points in array, SMALL(array,1) equals the smallest value, and SMALL(array,n) equals the largest value.