

How can I use the SCAN function in Excel?

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The SCAN function in Excel is a powerful tool that allows users to quickly search and extract specific data from a given range of cells. To use this function, simply enter the search criteria and the cell range to be searched, and the SCAN function will return the first match it finds. This can be very useful for organizing and analyzing large amounts of data, as it saves time and effort compared to manually searching for information. Additionally, the SCAN function can be combined with other Excel functions to perform more complex data analysis tasks. Overall, the SCAN function is a valuable tool for efficiently managing and manipulating data in Excel.

Scans an array by applying a LAMBDA to each value and returns an array that has each intermediate value.

Syntax

=SCAN (, array, lambda(accumulator, value, body))

The SCAN function syntax has the following arguments and parameters:

Sets the starting value for the accumulator.

array An array to be scanned.

lambda A LAMBDA that is called to reduce the array. The LAMBDA takes three parameters:

accumulator The value totaled up and returned as the final result.

value The current value from the array.

body The calculation applied to each element in the array.

Remarks

Use the `initial_value` argument to set the starting value for the accumulator parameter. If you are working with text, set the initial value to "".

Errors

Providing an invalid LAMBDA function or an incorrect number of parameters returns a #VALUE! error called "Incorrect Parameters".

See Also

[LAMBDA function](#)

[MAP function](#)

[REDUCE function](#)

[MAKEARRAY function](#)

[BYCOL function](#)

[BYROW function](#)

[ISOMITTED function](#)

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