

What are the functions available in Google Sheets?

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Google Sheets is a powerful online spreadsheet tool that offers a wide range of functions to help users organize, analyze, and manipulate data. These functions include basic arithmetic operations such as addition, subtraction, multiplication, and division, as well as more advanced functions like SUMIF, COUNTIF, and AVERAGEIF, which allow users to perform calculations based on specific criteria. Additionally, Google Sheets offers functions for formatting data, creating charts and graphs, and importing data from external sources. With its extensive library of functions, Google Sheets provides users with the tools they need to efficiently manage and manipulate data for various purposes.

Google Sheets Functions

Functions

Google Sheets has many premade formulas, called **functions**.

Functions are typed by = and the functions name.

For example =SUM

Once you have typed the function name you need to apply it to a range.

For example =SUM(A1:A5)

The range is always inside of parentheses.

Function	Description
=AND	Returns TRUE or FALSE based on two or more conditions
=AVERAGE	Calculates the average (arithmetic mean)
=AVERAGEIF	Calculates the average of a range based on a TRUE or FALSE condition
=AVERAGEIFS	Calculates the average of a range based on one or more TRUE/FALSE conditions
=COUNT	Counts cells with numbers in a range
=COUNTA	Counts all cells in a range that has values, both numbers and letters
=COUNTBLANK	Counts blank cells in a range
=COUNTIF	Counts cells as specified
=COUNTIFS	Counts cells in a range based on one or more TRUE or FALSE condition
=IF	Returns values based on a TRUE or FALSE condition

=IFS	Returns values based on one or more TRUE or FALSE conditions
=MAX	Returns the highest value in a range
=MEDIAN	Returns the middle value in the data
=MIN	Returns the lowest value in a range
=MODE	Finds the number seen most times. The function always returns a single number
=OR	Returns TRUE or FALSE based on two or more conditions
=STDEV.P	Calculates the Standard Deviation (Std) for the entire population
=STDEV.S	Calculates the Standard Deviation (Std) for a sample
=SUM	Adds together numbers in a range
=SUMIF	Calculates the sum of values in a range based on a TRUE or FALSE condition
=SUMIFS	Calculates the sum of a range based on one or more TRUE or FALSE condition
=VLOOKUP	Allows vertical searches for values in a table
=XOR	Returns TRUE or FALSE based on two or more conditions

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