

How do I calculate the sum of squares using Google Sheets?

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To calculate the sum of squares using Google Sheets, follow these steps:

1. Open a new or existing Google Sheets document.
2. In a blank cell, enter the formula "=SUMSQ("
3. Select the range of cells that you want to calculate the sum of squares for.
4. Close the parentheses and press Enter.
5. The result will be shown in the selected cell.

The SUMSQ function in Google Sheets allows you to quickly and accurately calculate the sum of squares for a given set of data, making it a useful tool for data analysis and statistical calculations.

SUMSQ

Returns the sum of the squares of a series of numbers and/or cells.

Sample Usage

```
SUMSQ(A2:A100)
```

```
SUMSQ(1, 2, 3, 4, 5)
```

```
SUMSQ(1, 2, A2:A50)
```

Syntax

```
SUMSQ(value1, )
```

`value1` - The first number or range whose squares to add together.

`value2, ...` - - Additional numbers or ranges whose squares to add to the square(s) of `value1`.

Notes

If only a single number for `value1` is supplied, SUMSQ returns `value1` squared.

Although SUMSQ is specified as taking a maximum of 30 arguments, Google Sheets supports an arbitrary number of arguments for this function.

See Also

SUM: Returns the sum of a series of numbers and/or cells.

SUMIF: Returns a conditional sum across a range.

SERIESSUM: Given parameters x , n , m , and a , returns the power series sum $a_1x^n + a_2x^{n+m} + \dots + a_ix^{n+(i-1)m}$, where i is the number of entries in range a .

QUOTIENT: Returns one number divided by another, without the remainder.

PRODUCT: Returns the result of multiplying a series of numbers together.

MULTIPLY: Returns the product of two numbers. Equivalent to the $*$ operator.

MINUS: Returns the difference of two numbers. Equivalent to the $-$ operator.

DIVIDE: Returns one number divided by another. Equivalent to the $/$ operator.

ADD: Returns the sum of two numbers. Equivalent to the $+$ operator.

Examples