

How can I use the AVERAGEIF function in Google Sheets to find the average value of a range of cells based on a certain criteria?

Authored by
stats writer

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The AVERAGEIF function in Google Sheets allows users to find the average value of a range of cells that meet a specific criteria. This function takes in three arguments: the range of cells to be evaluated, the criteria or condition to be met, and the optional range of cells to average if the criteria is met. By using this function, users can easily calculate the average of a subset of data that meets a certain condition, making data analysis and processing more efficient.

AVERAGEIF

Returns the average of a range depending on criteria.

AVERAGEIF for BigQuery

Returns the average of a data column depending on criteria.

Sample Usage

```
AVERAGEIF(table_name!score, ">90")
```

```
AVERAGEIF(table_name!frits, "Apple", ">")
```

```
AVERAGEIF(table_name!score, ">", B2)
```

Syntax

```
AVERAGEIF(criteria_column, criterion, average_column)
```

`criteria_column`: The data column to check against `criterion`. `criterion`: The pattern or test to apply to `criteria_column`. `average_column`: The data column to average. If not included, `criteria_column` is used for the average instead.

Sample Usage

```
AVERAGEIF(A1:A10, ">20", B1:B10)
```

```
AVERAGEIF(A1:A10, "<10")
```

```
AVERAGEIF(A1:A10, "Paid", B1:B10)
```

```
AVERAGEIF(A1:A10, "<"&B1)
```

Syntax

```
AVERAGEIF(criteria_range, criterion, )
```

`criteria_range` - The range to check against `criterion`.

`criterion` - The pattern or test to apply to `criteria_range`.

Equals: "`text`" or `1` or "`=text`" or "`=1`" Greater than: "`>1`" Greater than or equal to: "`>=1`" Less than: "`<1`" Less than or equal to: "`<=1`" Not equal to: "`<>1`" or "`<>text`"

`average_range` - - The range to average. If not included, `criteria_range` is used for the average instead.

See Also

`AVERAGE`: The AVERAGE function returns the numerical average value in a dataset, ignoring text.

`AVERAGEA`: Returns the numerical average value in a dataset.

`AVERAGEIFS`: Returns the average of a range depending on multiple criteria.

`SUMIF`: Returns a conditional sum across a range.

`COUNTIF`: Returns a conditional count across a range.

`IF`: Returns one value if a logical expression is `TRUE` and another if it is `FALSE`.

`MEDIAN`: Returns the median value in a numeric dataset.