

How can I use the COUNTIFS function in Google Sheets to count cells that meet multiple criteria?

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The COUNTIFS function in Google Sheets is a powerful tool that allows users to count cells that meet multiple criteria. This function allows for the selection of specific criteria, such as text, numbers, or dates, and then counts the cells that meet all of the selected criteria. This makes it an efficient and effective method for analyzing data and obtaining accurate counts. By using the COUNTIFS function, users can easily identify and track specific data points within a larger dataset, making it a valuable tool for data analysis and organization.

COUNTIFS

Returns the count of a range depending on multiple criteria.

COUNTIFS for BigQuery

Returns the count of rows depending on multiple criteria

Sample Usage

```
COUNTIFS(table_name!fruits, "Apple", table_name!inventory, "<30")
```

Syntax

```
COUNTIFS(criteria_column1, criterion1, criteria_column2, criterion2)
```

`criteria_column1` - The data column to check against `criterion1`. `criterion1` - The pattern or test to apply to `criteria_column1`. `criteria_column2` - Additional data column to check. `criterion2` - Additional criteria to check.

Sample Usage

```
COUNTIFS(A1:A10, ">20", B1:B10, "<30")
```

```
COUNTIFS(A7:A24, ">6", B7:B24, "<"&DATE(1969,7,20))
```

```
COUNTIFS(B8:B27, ">" & B12, C8:C27, "<" & C13, D8:D27, "<>10")
```

```
COUNTIFS(C1:C100, "Yes")
```

Syntax

```
COUNTIFS(criteria_range1, criterion1, )
```

`criteria_range1` - The range to check against `criterion1`. `criterion1` - The pattern or test to apply to `criteria_range1`. `criteria_range2, criterion2...` - - Additional ranges and criteria

to check; repeatable.

Notes

Any additional ranges must contain the same number of rows and columns as `criteria_range1`.

See Also

COUNTIF: Returns a conditional count across a range.

COUNT:

Returns the number of numeric values in a dataset.

SUMIFS: Returns the sum of a range depending on multiple criteria.

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

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