

How can I use the IF function in Google Sheets to create conditional logic and perform different actions based on certain criteria?

Authored by
stats writer

June 29, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I use the IF function in Google Sheets to create conditional logic and perform different actions based on certain criteria?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=159632>

The IF function in Google Sheets allows users to create conditional logic and perform different actions based on certain criteria. By using this function, users can set up specific conditions and specify the actions to be taken if those conditions are met. This enables users to automate processes and make data analysis more efficient and accurate. The IF function in Google Sheets is a powerful tool for creating customized formulas and making data-driven decisions. With its versatility and flexibility, it is a valuable feature for users to utilize in their spreadsheets.

IF function

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

Sample Usage

```
IF(A2 = "foo", "A2 is foo")
```

```
IF(A2, "A2 was true", "A2 was false")
```

```
IF(TRUE, 4, 5)
```

Syntax

```
IF(logical_expression, value_if_true, value_if_false)
```

`logical_expression` - An expression or reference to a cell containing an expression that represents some logical value, i.e. `TRUE` or `FALSE`.

`value_if_true` - The value the function returns if `logical_expression` is `TRUE`.

`value_if_false` - - The value the function returns if `logical_expression` is `FALSE`.

Notes

Ensure that `value_if_true` and `value_if_false` are provided to the function in the correct order - this is the single most common source of problems with `IF`.

See Also

`IFERROR`: Returns the first argument if it is not an error value, otherwise returns the second argument if present, or a blank if the second argument is absent.
`IFS`: Evaluates multiple conditions and returns a value that corresponds to the first true condition.

Examples

Specifies a logical test to be performed.

Make a copy

ARABPSYCHOLOGY.COM