

How do I use the GAMMALN function in Google Sheets?

Authored by
stats writer

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The GAMMALN function in Google Sheets is used to calculate the natural logarithm of the gamma function for a given input. This function is primarily used in statistical analysis and probability calculations. To use GAMMALN, simply input the desired value or cell reference into the formula, and the function will return the natural logarithm of the gamma function for that input. This can be useful in finding the probability of events or in calculating confidence intervals. The GAMMALN function can be accessed through the "Insert Function" tab or by typing the function directly into a cell with the proper syntax.

GAMMALN

Returns the logarithm of a specified Gamma function, base e (Euler's number).

Sample Usage

`GAMMALN(4)`

`GAMMALN(A2)`

Syntax

`GAMMALN(value)`

`value` - The input to the Gamma function. The natural logarithm of Gamma (`value`) will be returned.

`value` must be positive.

Notes

`GAMMALN` is used for certain types of analysis or as a component to other functions and is rarely used by itself.

See Also

`SQRTPI`: Returns the positive square root of the product of Pi and the given positive number.

`SQRT`: Returns the positive square root of a positive number.

`POWER`: Returns a number raised to a power.

`LOG10`: Returns the logarithm of a number, base 10.

LOG: Returns the logarithm of a number given a base.

LN: Returns the logarithm of a number, base e (Euler's number).

EXP: Returns Euler's number, e (~2.718) raised to a power.

Examples

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