

How do I write the PHI function in excel?

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The PHI function is a mathematical function that is used to calculate the cumulative probability of a given value in a standard normal distribution. To write the PHI function in Excel, follow these steps:

1. Open a new Excel spreadsheet.
2. In a cell, type "=PHI(" to begin the function.
3. Inside the parentheses, enter the value for which you want to calculate the cumulative probability.
4. Close the parentheses and press Enter.
5. The result will be the cumulative probability of the given value.

It is important to note that the PHI function is only available in Excel for Windows and may not be available in older versions. Furthermore, it is recommended to use the NORM.S.DIST function for more accurate results.

This article describes the formula syntax and usage of the **PHI** function in Microsoft Excel.

Description

Returns the value of the density function for a standard normal distribution.

Syntax

PHI(x)

The PHI function syntax has the following arguments.

X Required. X is the number for which you want the density of the standard normal distribution.

Remarks

If x is a numeric value that is not valid, PHI returns the #NUM! error value.

If x is using a data type that is not valid, such as a nonnumeric value, PHI returns the #VALUE! error value.