FISHER function - The function returns the Fissher transformation at x in Excel

FISHER function: The function returns the Fissher transformation at x. This transformation creates a normal distribution function, using this function to test a hypothesis based on a correlation coefficient. Syntax: FISHER (x)

The following article introduces you to the **FISHER** function - one of the functions in the statistical function group is very popular in Excel.

Description: The function returns the **Fissher** transformation at **x.** This transformation creates a normal distribution function, using this function to test a hypothesis based on a correlation coefficient.

Syntax: FISHER (x)

Inside:

- **x: Numerical** value to convert **Fissher** .

Attention:

- If **x is** not a number -> the function returns the **#VALUE!** Error value .

- If **x ? -1** or **x ? 1** -> the function returns the **#NUM!** Error value

- **Fissher** transform **equation** is:

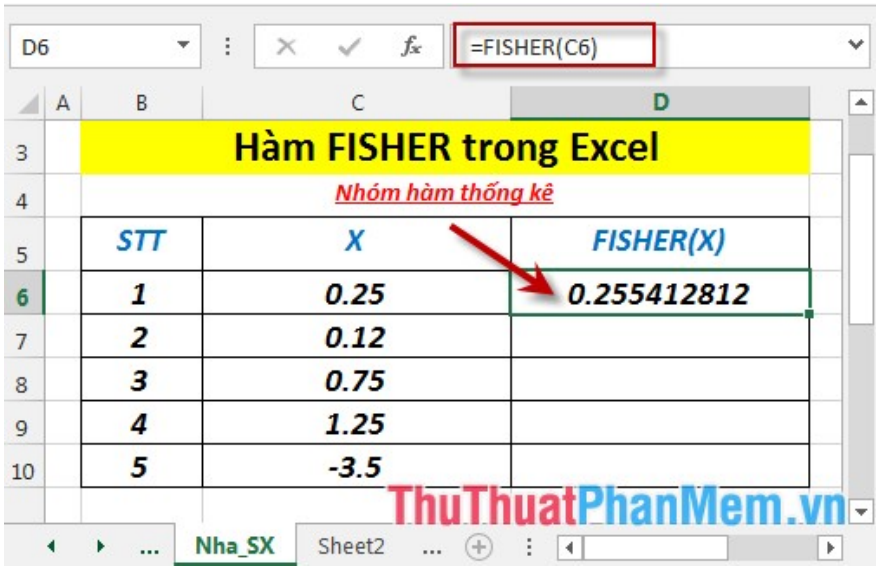
[z '= frac {1} {2} ln left ({frac {{1 + x}} {{1 - x}}} right)]

For example:

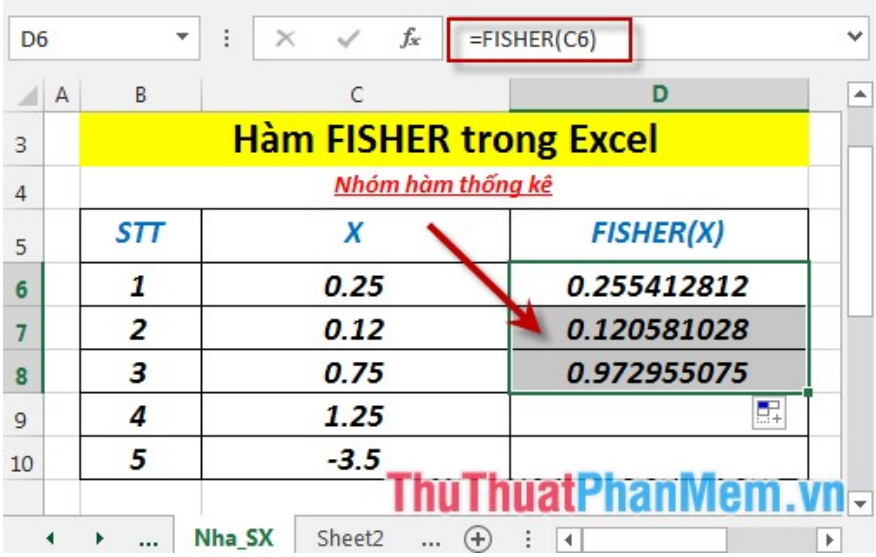
Calculate the value of x after performing the **fissher** transformation using the data in the following data table:

- In the cell to calculate enter the formula **: = FISHER (C6)**

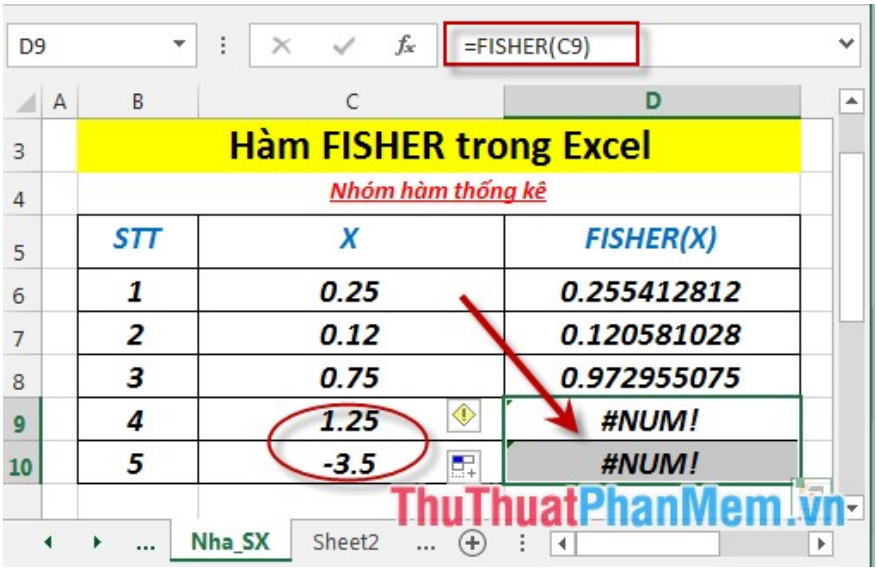
- Press **Enter** -> the value of x after performing the **fissher** transformation is:



- Similarly copy to the remaining values ??are results:



- Where **x ? -1** or **x ? 1** -> the function returns the **#NUM!** Error value



Above are instructions and some specific examples when using **FISHER** function in Excel.

Good luck!

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