

AVEDEV function

AVEDEV function: The function returns the average absolute deviation of the data points from their midpoint. The AVEDEV function allows you to measure the variability of a dataset. Syntax: AVEDEV (number1, [number2], ...)

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

Hàm AVEDEV

Description: The function returns the average absolute deviation of the data points from their midpoint. The **AVEDEV** function allows you to measure the variability of a dataset.

Syntax: AVEDEV (number1, [number2], .)

Inside:

- **number1, number2 .** are the values ??you want to calculate the average absolute deviation, where **number1** is the required parameter, the remaining **number** values are optional. The function contains up to 255 **number** values .

Attention:

- **AVEDEV** function is affected by the measurement unit of input data.
- The values ??of the arguments must be either numbers or names or references that contain numeric values.
- When typing logical values ??directly and displaying text numbers in functions, these values ??will be calculated.
- Parameter values ??or arrays that are logical values, text or blank cells are ignored.
- The function performs the calculation according to the equation of average deviation:

$$\left[\frac{1}{n} \sum \left| x - \overline{x} \right| \right]$$

For example:

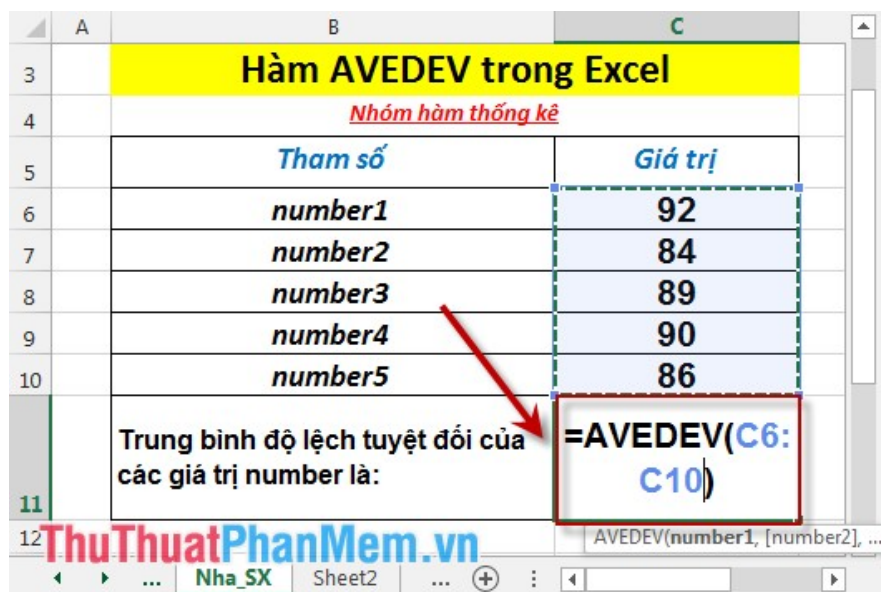
Calculate the average of the absolute deviation of values ??in the following data table:

	A	B	C
3		Hàm AVEDEV trong Excel	
4		<i>Nhóm hàm thống kê</i>	
5		<i>Tham số</i>	<i>Giá trị</i>
6		number1	92
7		number2	84
8		number3	89
9		number4	90
10		number5	86
11		Trung bình độ lệch tuyệt đối của các giá trị number là:	?
12		ThuThuatPhanMem.vn	

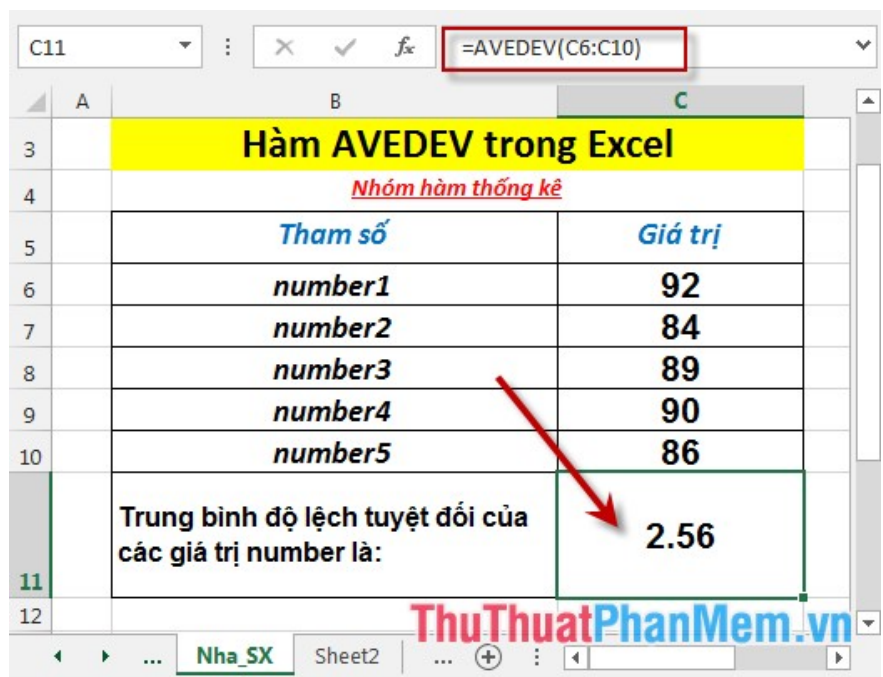
- Where the **number** values ??are located in **nonadjacent** locations -> enter the **number** values in the function separated by commas -> enter the formula: = AVEDEV (C6, C7, C8, C9, C10)

	A	B	C
3		Hàm AVEDEV trong Excel	
4		<i>Nhóm hàm thống kê</i>	
5		<i>Tham số</i>	<i>Giá trị</i>
6		number1	92
7		number2	84
8		number3	89
9		number4	90
10		number5	86
11		Trung bình độ lệch tuyệt đối của các giá trị number là:	=AVEDEV(C6, C7, C8, C9, C10)
12		ThuThuatPhanMem.vn	

- Where the **number** values ??are located adjacent to each other -> enter the formula: = AVEDEV (C6: C10)



- Press **Enter** -> average absolute deviation of **number** values in the data table is:



- Where the **number** values are blank cells or text -> the function ignores those values:

Hàm AVEDEV trong Excel	
<i>Nhóm hàm thống kê</i>	
<i>Tham số</i>	<i>Giá trị</i>
<i>number1</i>	92
<i>number2</i>	84
<i>number3</i>	abc
<i>number4</i>	86
<i>number5</i>	86
Trung bình độ lệch tuyệt đối của các giá trị number là:	3.11

Above are instructions and specific examples when using the **AVEDEV** function in Excel.

Good luck!

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