

What is the Excel AVERAGE function?

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June 29, 2024

RECOMMENDED CITATION

stats writer (2024). *What is the Excel AVERAGE function?*. PSYCHOLOGICAL SCALES.
Retrieved from <https://scales.arabpsychology.com/?p=157796>

The Excel AVERAGE function is a built-in mathematical formula that calculates the average (or arithmetic mean) of a given set of numbers in an Excel spreadsheet. It takes into account all the numbers in a specified range and divides them by the total number of values in that range to provide the average value. This function is commonly used for data analysis and is a quick and efficient way to determine the central tendency of a data set. It is a useful tool for businesses, academics, and individuals looking to analyze numerical data in an organized and accurate manner.

Excel AVERAGE Function

AVERAGE Function

The **AVERAGE** function is a premade function in Excel, which calculates the average (arithmetic mean).

It is typed `=AVERAGE`

It adds the range and divides it by the number of observations.

Example:

The average of (2, 3, 4) is 3.

3 observations (2, 3 and 4)

The sum of the observations ($2 + 3 + 4 = 9$)

$(9 / 3 = 3)$

The average is 3

Note: There are multiple types of mean values. The most common type of mean is the arithmetic mean. You can learn more about the arithmetic mean here: [Statistics Mean Tutorial](#).

Note: The **AVERAGE** function ignores cells with text.

Let's have a look at an example where we help the Pokemon trainers to calculate the average of Pokeballs per trainer.

How to use the `=AVERAGE` function, step by step:

Select a cell (F2) Type `=AVERAGE` Double click the **AVERAGE** command Select a range (B2:E2) Hit enter Next, Fill F 2 : F 7

	A	B	C	D	E	F
1	Trainer	Pokeball	Great ball	Ultraball	Master ball	Average
2	Iva	10	4	1	1	
3	Liam	12	3	0	1	
4	Jenny	15	1	3	1	
5	Iben	4	2	6	0	
6	Adora	10	4	1	1	
7	Kasper	9	2	1	0	

F2 fx =AVERAGE(

	A	B	C	D	E	F	G	H
1	Trainer	Pokeball	Great ball	Ultraball	Master ball	Average		
2	Iva	10	4	1	1	=AVERAGE(
3	Liam	12	3	0	1	AVERAGE (number1; [number2]; ...)		
4	Jenny	15	1	3	1			
5	Iben	4	2	6	0			
6	Adora	10	4	1	1			
7	Kasper	9	2	1	0			

F2 fx =AVERAGE(B2:E2

	A	B	C	D	E	F	G	H
1	Trainer	Pokeball	Great ball	Ultraball	Master ball	Average		
2	Iva	10	4	1	1	=AVERAGE(B2:E2		
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4	Jenny	15	1	3	1			
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6	Adora	10	4	1	1			
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F2		fx =AVERAGE(B2:E2)						
	A	B	C	D	E	F	G	H
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F2		fx =AVERAGE(B2:E2)						
	A	B	C	D	E	F	G	H
1	Trainer	Pokeball	Great ball	Ultraball	Master ball	Average		
2	Iva	10	4	1	1	4		
3	Liam	12	3	0	1	4		
4	Jenny	15	1	3	1	5		
5	Iben	4	2	6	0	3		
6	Adora	10	4	1	1	4		
7	Kasper	9	2	1	0	3		

Good job! You have successfully calculated the average using the **AVERAGE** function.

Another Example

Example using cells with text:

A1		fx Trainer						
	A	B	C	D	E	F	G	H
1	Trainer	Pokeball	Great ball	Ultraball	Master ball	Average		
2	Iva	10	4	Hello	1	5		
3	Liam	12	3	0	Hello	5		
4	Jenny	15	1	3	1	5		
5	Iben	4	2	Hello	0	2		
6	Adora	Hello	4	1	1	2		
7	Kasper	9	2	1	0	3		

The function ignores cells with text and completes the calculation.

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