

What is the Excel MEDIAN function used for?

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The Excel MEDIAN function is a statistical function used to find the middle value or median of a set of numbers. It is useful in analyzing data sets with extreme values, as it is not affected by outliers. The function is commonly used in financial analysis, market research, and data analysis to determine the central tendency of a data set. It is also helpful in identifying trends and patterns in data. Overall, the Excel MEDIAN function is a valuable tool for accurately calculating the middle value in a data set.

Excel MEDIAN Function

MEDIAN Function

The **MEDIAN** function is a premade function in Excel, which returns the middle value in the data.

It is typed `=MEDIAN`

Note: The median is a type of average value, which describes where the center of the data is located. You can learn about median in our Statistics Median Tutorial.

Calculating the median manually requires that the data is sorted and arranged from low to high. This is not necessary using the MEDIAN function, it does it for you.

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

Select a cell (H2) Type `=MEDIAN` Double click the **MEDIAN** command Select a range (A2:G2) Hit enter

	A	B	C	D	E	F	G	H
1								MEDIAN
2	1	1	2	2	3	4	4	
3								

	A	B	C	D	E	F	G	H	I	J
1								MEDIAN		
2	1	1	2	2	3	4	4	=MEDIAN(
3								MEDIAN (number1; [number2]; ...)		
4										

H2		fx =MEDIAN(A2:G2)									
	A	B	C	D	E	F	G	H	I	J	
1								MEDIAN			
2	1	1	2	2	3	4	4	=MEDIAN(A2:G2)			
3								MEDIAN (number1; [number2]; ...)			
4											

H2		fx =MEDIAN(A2:G2)									
	A	B	C	D	E	F	G	H	I	J	
1								MEDIAN			
2	1	1	2	2	3	4	4	2			
3											
4											

Great! You successfully found the median using the =MEDIAN function.

Note that it found the value in the middle of the data, which is D2 (2), the one that is marked red:

	A	B	C	D	E	F	G
1							
2	1	1	2	2	3	4	4

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