

How can I calculate the average of cells that contain specific text in Excel?

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Calculating the average of cells that contain specific text in Excel can be done using the AVERAGEIF function. This function allows you to specify a range of cells and a criteria, and it will only calculate the average of the cells that meet that criteria. For example, if you want to find the average of all cells that contain the text "Apple", you would use the formula =AVERAGEIF(range of cells, "Apple"). This will only include cells that contain the text "Apple" in the calculation of the average. This feature is useful for analyzing data that is categorized by specific text, such as product names or customer names.

Excel: Calculate Average If Cell Contains Text

You can use the following formula to calculate the average in Excel only for the cells that contain a specific text:

=AVERAGEIF(A1:A13,"*text*",B1:B13)

This particular formula will calculate the average of the values in the range B1:B13 only for the cells that contain "text" in the range A1:A13.

Note: The asterisks are wildcard characters that tell Excel to ignore any text before or after a specific string.

The following example shows how to use this formula in practice.

Example: Calculate Average If Cell Contains Text

Suppose we have the following dataset that shows the

points scored by 12 different basketball players:

	A	B	C	D	E
1	Team	Points			
2	Mavs	31			
3	Spurs	22			
4	Rockets	24			
5	Mavs	23			
6	Nets	28			
7	Mavs	21			
8	Warriors	19			
9	Rockets	23			
10	Magic	25			
11	Heat	16			
12	Heat	22			
13	Wizards	30			
14					
15					
16					
17					
18					

We can use the following formula to calculate the average points scored by players on the "Mavs" team only:

=AVERAGEIF(A2:A13,"*mavs*",B2:B13)

The following screenshot shows how to use this formula in practice:

	A	B	C	D	E	F
1	Team	Points		Mavs Average Points		
2	Mavs	31		25		
3	Spurs	22				
4	Rockets	24				
5	Mavs	23				
6	Nets	28				
7	Mavs	21				
8	Warriors	19				
9	Rockets	23				
10	Magic	25				
11	Heat	16				
12	Heat	22				
13	Wizards	30				
14						
15						
16						

The average points scored by players on the "Mavs" team is 25.

We can manually verify that this is correct:

Average Points Scored = (31 + 23 + 21) / 3 = 25.

Note that this formula is case-insensitive.

That is, we could use **"*MAVS*"** or **"*mavs*"** or **"*Mavs*"** in the formula and Excel will return the same result.

Additional Resources

The following tutorials explain how to perform other common tasks in Excel:

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