

# “How can I use AVERAGEIFS in Google Sheets? “

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## RECOMMENDED CITATION

stats writer (2024). “How can I use AVERAGEIFS in Google Sheets? “. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=161753>

AVERAGEIFS is a function in Google Sheets that allows users to find the average of a range of data based on multiple criteria. This function is useful for analyzing and summarizing large sets of data, as it allows for more specific and targeted calculations. To use AVERAGEIFS in Google Sheets, the user must specify the range of data to be analyzed, along with the criteria that the data must meet. The function will then calculate the average of the data that meets all specified criteria. This feature is particularly useful for businesses, researchers, and individuals looking to quickly and accurately analyze data sets in Google Sheets.

## Use AVERAGEIFS in Google Sheets (3 Examples)

The **AVERAGEIFS** function in Google Sheets can be used to find the average value in a range if the corresponding values in another range meet certain criteria.

This function uses the following basic syntax:

**AVERAGEIFS(average\_range, criteria\_range1, criterion1, )**

where:

**average\_range:** The range to calculate average from  
**criteria\_range1:** The first range to check for certain criteria  
**criterion1:** The criteria to analyze in the first range

The following examples show how to use this function

in different scenarios with the following dataset in Google Sheets:

	A	B	C	D
1	<b>Team</b>	<b>Position</b>	<b>Points</b>	
2	Mavs	Guard	22	
3	Mavs	Guard	28	
4	Mavs	Forward	25	
5	Mavs	Forward	30	
6	Mavs	Center	18	
7	Spurs	Guard	13	
8	Spurs	Guard	19	
9	Spurs	Forward	22	
10	Spurs	Forward	30	
11	Spurs	Center	11	
12				
13				
14				
15				
16				

**Example 1: AVERAGEIFS with One Character Column**

We can use the following formula to calculate the average value in the Points column where the Team column is equal to "Mavs":

**=AVERAGEIFS(C2:C11,A2:A11,"Mavs")**

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

	A	B	C	D	E
E2	=AVERAGEIFS(C2:C11, A2:A11, "Mavs")				
1	<b>Team</b>	<b>Position</b>	<b>Points</b>		
2	Mavs	Guard	22		24.6
3	Mavs	Guard	28		
4	Mavs	Forward	25		
5	Mavs	Forward	30		
6	Mavs	Center	18		
7	Spurs	Guard	13		
8	Spurs	Guard	19		
9	Spurs	Forward	22		
10	Spurs	Forward	30		
11	Spurs	Center	11		
12					
13					
14					
15					
16					
17					
18					

The average value in the Points column where the Team column is equal to "Mavs" is 24.6.

We can manually verify this is correct by calculating the average points for the Mavs players:

**Average:  $(22 + 28 + 25 + 30 + 18) / 5 = 24.6$ .**

**Example 2: AVERAGEIFS with Two Character Columns**

We can use the following formula to calculate the average value in the Points column where the Team column is equal to "Mavs" and the Position column is

equal to "Guard":

**=AVERAGEIFS(C2:C11, A2:A11, "Mavs", B2:B11, "Guard")**

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

	A	B	C	D	E
1	<b>Team</b>	<b>Position</b>	<b>Points</b>		
2	Mavs	Guard	22		25
3	Mavs	Guard	28		
4	Mavs	Forward	25		
5	Mavs	Forward	30		
6	Mavs	Center	18		
7	Spurs	Guard	13		
8	Spurs	Guard	19		
9	Spurs	Forward	22		
10	Spurs	Forward	30		
11	Spurs	Center	11		
12					
13					
14					
15					
16					
17					

The average value in the Points column where the Team column is equal to "Mavs" and the Position column is equal to "Guard" is 29.

We can manually verify this is correct by calculating the

**average points for the Mavs players who are Guards:**

**Average:  $(22 + 28) / 2 = 25$ .**

**Example 3: AVERAGEIFS with Character & Numeric Columns**

**We can use the following formula to calculate the average value in the Points column where the Team column is equal to "Spurs" and the Points column is greater than 15:**

**`=AVERAGEIFS(C2:C11, A2:A11, "Spurs", C2:C11, ">15")`**

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

	A	B	C	D	E
E2					<code>=AVERAGEIFS(C2:C11, A2:A11, "Spurs", C2:C11, "&gt;15")</code>
1	<b>Team</b>	<b>Position</b>	<b>Points</b>		
2	Mavs	Guard	22		23.66666667
3	Mavs	Guard	28		
4	Mavs	Forward	25		
5	Mavs	Forward	30		
6	Mavs	Center	18		
7	Spurs	Guard	13		
8	Spurs	Guard	19		
9	Spurs	Forward	22		
10	Spurs	Forward	30		
11	Spurs	Center	11		
12					
13					
14					
15					
16					
17					

The average value in the Points column where the Team column is equal to "Spurs" and the Points column is greater than 15 is 23.67.

We can manually verify this is correct by calculating the average points for the Spurs players who scored more than 15 points:

Average:  $(19 + 22 + 30) / 3 = 23.67$ .

Note: You can find the complete online documentation for the AVERAGEIFS function .

## Additional Resources

**The following tutorials explain how to perform other common tasks in Google Sheets:**

ARABPSYCHOLOGY.COM