

# What are the steps to calculate the average of filtered rows in Google Sheets, and can you provide an example?

Authored by  
**stats writer**

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## RECOMMENDED CITATION

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To calculate the average of filtered rows in Google Sheets, follow these steps:

1. Select the range of cells that contain the data you want to filter.
2. Click on the "Data" tab and then click on "Filter" from the dropdown menu.
3. Use the filter options to select the rows you want to include in the average calculation.
4. Once the filter is applied, click on an empty cell where you want the average to be displayed.
5. Type the formula "`=AVERAGE(range)`", replacing "range" with the range of cells containing the filtered data.
6. Press enter to calculate the average.

For example, if you have a dataset of sales figures for different products and you want to calculate the average of only the products with a sales value above \$100, you would filter the data by selecting the "Sales" column and choosing "greater than" from the filter options. Then, in an empty cell, you would type "`=AVERAGE(A2:A10)`" where A2:A10 is the range of filtered cells containing the sales data. This will give you the average of only the filtered rows.

## Average Filtered Rows in Google Sheets (With Example)

The easiest way to take the average of a filtered range in Google Sheets is to use the following syntax:

**`SUBTOTAL(101, A1:A10)`**

Note that the value 101 is a for taking the average of a filtered range of rows.

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

**Example: Average Filtered Rows in Google Sheets**

**Suppose we have the following spreadsheet that**

**contains information about various basketball teams:**

	A	B	C	D
1	<b>Team</b>	<b>Points</b>		
2	Mavs	99		
3	Heat	94		
4	Warriors	93		
5	Celtics	97		
6	Lakers	104		
7	Nets	109		
8	Bucks	99		
9	Kings	84		
10	Spurs	89		
11				
12				
13				
14				
15				
16				
17				

**To add a filter to this data, we can highlight cells A1:B10, then click the Data tab, then click Create a filter:**

The screenshot shows a Google Sheets spreadsheet titled 'My Spreadsheet'. The spreadsheet has two columns: 'Team' (Column A) and 'Points' (Column B). The data is as follows:

	A	B
1	Team	Points
2	Mavs	99
3	Heat	94
4	Warriors	93
5	Celtics	97
6	Lakers	104
7	Nets	109
8	Bucks	99
9	Kings	84
10	Spurs	89
11		
12		
13		
14		
15		
16		
17		
18		
19		

The 'Data' menu is open, showing options such as 'Sort sheet by column A, A → Z', 'Sort sheet by column A, Z → A', 'Sort range by column A, A → Z', 'Sort range by column A, Z → A', 'Sort range', 'Create a filter', 'Filter views', 'Slicer', 'Data validation', 'Pivot table', 'Randomize range', 'Named ranges', and 'Protected sheets and ranges'. The 'Create a filter' option is highlighted.

**We can then click the Filter icon at the top of the Points column and uncheck the box next to the first three values 84, 89, and 93:**

The screenshot shows a Google Sheets interface with a spreadsheet titled 'My Spreadsheet'. The spreadsheet has two columns: 'Team' (A) and 'Points' (B). The data is as follows:

Team	Points
Mavs	
Heat	
Warriors	
Celtics	
Lakers	1
Nets	1
Bucks	
Kings	
Spurs	

The 'Filter by values' menu is open, showing a search box and a list of values: 84, 89, 93, and 94. The value 94 is selected with a checkmark. The 'OK' button is highlighted in green.

Once we click OK, the data will be filtered to remove these values.

If we attempt to use the **AVERAGE()** function to average the points column of the filtered rows, it will not return the correct value:

B11    fx    =AVERAGE(B2:B8)

	A	B	C	D
1	<b>Team</b>	<b>Points</b>		
2	Mavs	99		
3	Heat	94		
5	Celtics	97		
6	Lakers	104		
7	Nets	109		
8	Bucks	99		
11		99.28571429		
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				

**Instead, need to use the SUBTOTAL() function:**

B11	$\nabla$	<i>fx</i>	=SUBTOTAL(101, B2:B8)	
	A	B	C	D
1	<b>Team</b>	<b>Points</b>		
2	Mavs	99		
3	Heat	94		
5	Celtics	97		
6	Lakers	104		
7	Nets	109		
8	Bucks	99		
11		100.3333333		
12				
13				
14				
15				
16				
17				
18				
19				
20				

**This function takes the average of only the visible rows.**

**Average of Visible Rows: (99 + 94 + 97 + 104 + 109 + 99)  
/ 6 = 100.333.**

**Additional Resources**