

How can I filter a column in Google Sheets by multiple values?

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Google Sheets offers a convenient and efficient way to filter data by multiple values in a single column. This feature allows users to easily sort and organize their data based on specific criteria. To filter a column by multiple values, simply select the desired column and click on the "Filter" button in the toolbar. Then, click on the drop-down arrow next to the column header and select "Filter by condition." From there, users can input the desired values or select them from a list. This will filter the column to display only the rows that meet the selected criteria. This function is particularly useful for analyzing large datasets and extracting specific data points.

Google Sheets: Filter a Column by Multiple Values

You can use the following basic formula to filter a column by multiple values in Google Sheets:

```
=FILTER(A1:C11,REGEXMATCH(A1:A11,"string1|string2|  
|string3"))
```

This particular formula will filter the rows in the range A1:C11 to only show the rows where the value in the range A1:A11 is equal to either string1, string2, or string3.

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

Example: Filter Column by Multiple Values in Google Sheets

Suppose we have the following dataset that contains information about various basketball players:

	A	B	C	D	
1	Team	Position	Points		
2	Mavs	Guard	22		
3	Mavs	Forward	29		
4	Celtics	Guard	20		
5	Heat	Guard	34		
6	Celtics	Center	36		
7	Mavs	Forward	19		
8	Warriors	Forward	15		
9	Heat	Center	29		
10	Celtics	Forward	25		
11	Nuggets	Guard	20		
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					

Now suppose we'd like to filter the dataset to only show rows where the Team column contains Heat or Celtics.

To do so, we can use the following formula:

```
=FILTER(A1:C11,REGEXMATCH(A1:A11,"Heat|Celtics"))
```

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

A14 fx =FILTER(A1:C11, REGEXMATCH(A1:A11, "Heat|Celtics"))

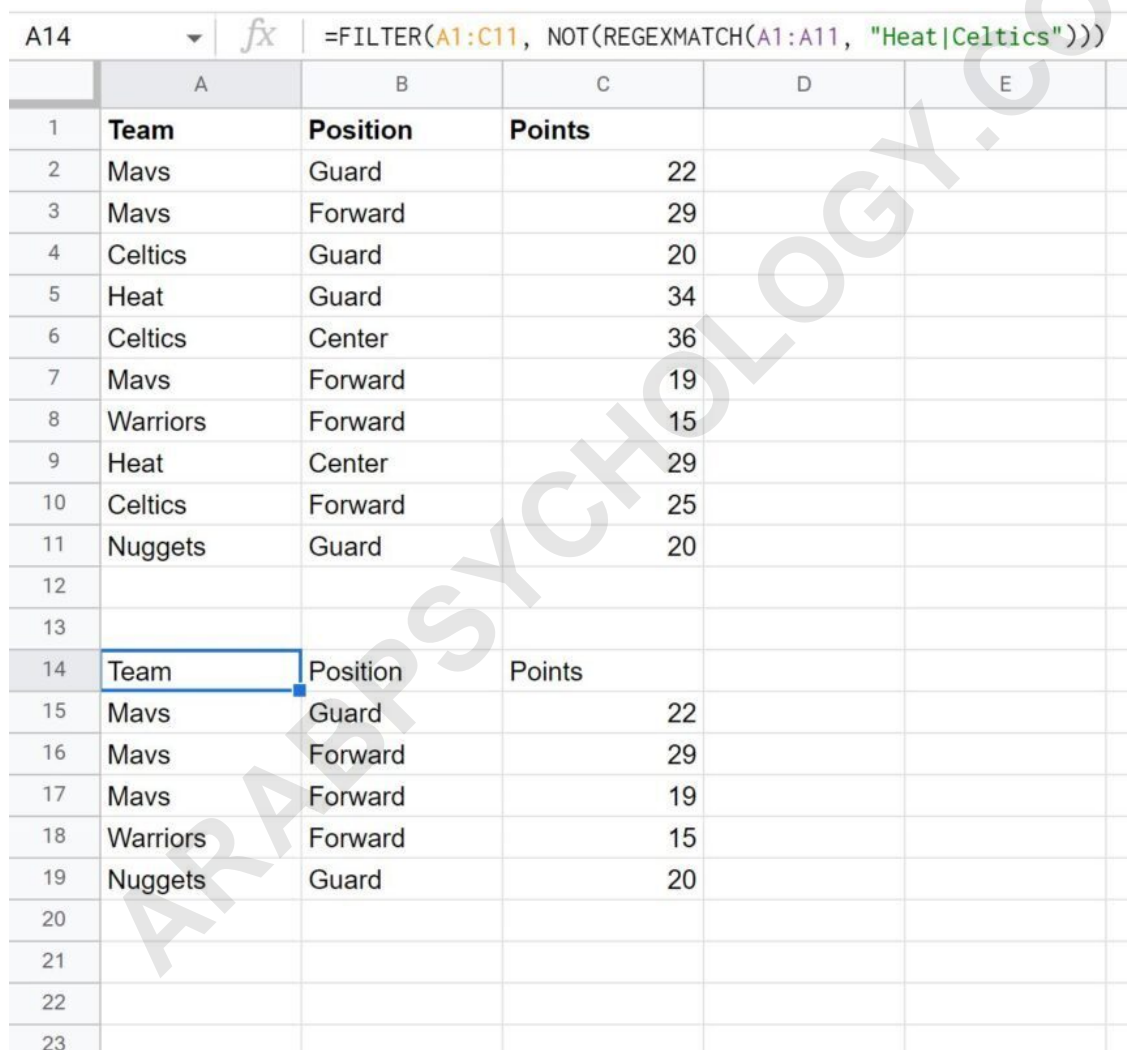
	A	B	C	D	E
1	Team	Position	Points		
2	Mavs	Guard	22		
3	Mavs	Forward	29		
4	Celtics	Guard	20		
5	Heat	Guard	34		
6	Celtics	Center	36		
7	Mavs	Forward	19		
8	Warriors	Forward	15		
9	Heat	Center	29		
10	Celtics	Forward	25		
11	Nuggets	Guard	20		
12					
13					
14	Celtics	Guard	20		
15	Heat	Guard	34		
16	Celtics	Center	36		
17	Heat	Center	29		
18	Celtics	Forward	25		
19					
20					
21					
22					
23					

Notice that the filtered dataset only contains the rows where the team is equal to Heat or Celtics.

Also note that you can filter for rows where the team name is not equal to Heat or Celtics by using the NOT function outside of the REGEXMATCH function as follows:

```
=FILTER(A1:C11,  
NOT(REGEXMATCH(A1:A11,"Heat|Celtics")))
```

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



The screenshot shows a Google Sheets spreadsheet with a formula bar at the top containing the formula: `=FILTER(A1:C11, NOT(REGEXMATCH(A1:A11, "Heat|Celtics")))`. The spreadsheet displays a table with columns labeled Team, Position, and Points. The original data includes rows for Mavs, Celtics, Heat, and Nuggets. The filtered view shows only the rows where the team is not Heat or Celtics, resulting in the exclusion of the Heat and Celtics rows.

	A	B	C	D	E
1	Team	Position	Points		
2	Mavs	Guard	22		
3	Mavs	Forward	29		
4	Celtics	Guard	20		
5	Heat	Guard	34		
6	Celtics	Center	36		
7	Mavs	Forward	19		
8	Warriors	Forward	15		
9	Heat	Center	29		
10	Celtics	Forward	25		
11	Nuggets	Guard	20		
12					
13					
14	Team	Position	Points		
15	Mavs	Guard	22		
16	Mavs	Forward	29		
17	Mavs	Forward	19		
18	Warriors	Forward	15		
19	Nuggets	Guard	20		
20					
21					
22					
23					

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