

How can I use a custom formula to filter data in Google Sheets?

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Using a custom formula in Google Sheets allows users to filter data in a specific and personalized way. This feature allows users to create a formula that checks for specific criteria in the data and only displays the desired results. This can be done by using functions such as IF, AND, OR, and other logical operators. By utilizing a custom formula, users can efficiently and accurately filter large sets of data to meet their specific needs and requirements. This feature is particularly useful for organizing and analyzing data in a more customized and efficient manner.

Google Sheets: Filter Using Custom Formula

Often you may want to filter data using a custom formula in Google Sheets.

Fortunately this is easy to do using the Filter by condition function.

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

Example: How to Filter Using Custom Formula in Google Sheets

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

	A	B	C	D
1	Player	Points		
2	Good Player	20		
3	Great Player	30		
4	Average Player	14		
5	Bad Player	7		
6	Great Player	26		
7	Good Player	22		
8	Average Player	16		
9	Average Player	12		
10	Bad Player	4		
11	Good Player	19		
12	Average Player	13		
13				
14				
15				
16				
17				
18				
19				
20				

Now suppose we'd like to filter the rows for where the Player column contains "Good" or "Great" in the name.

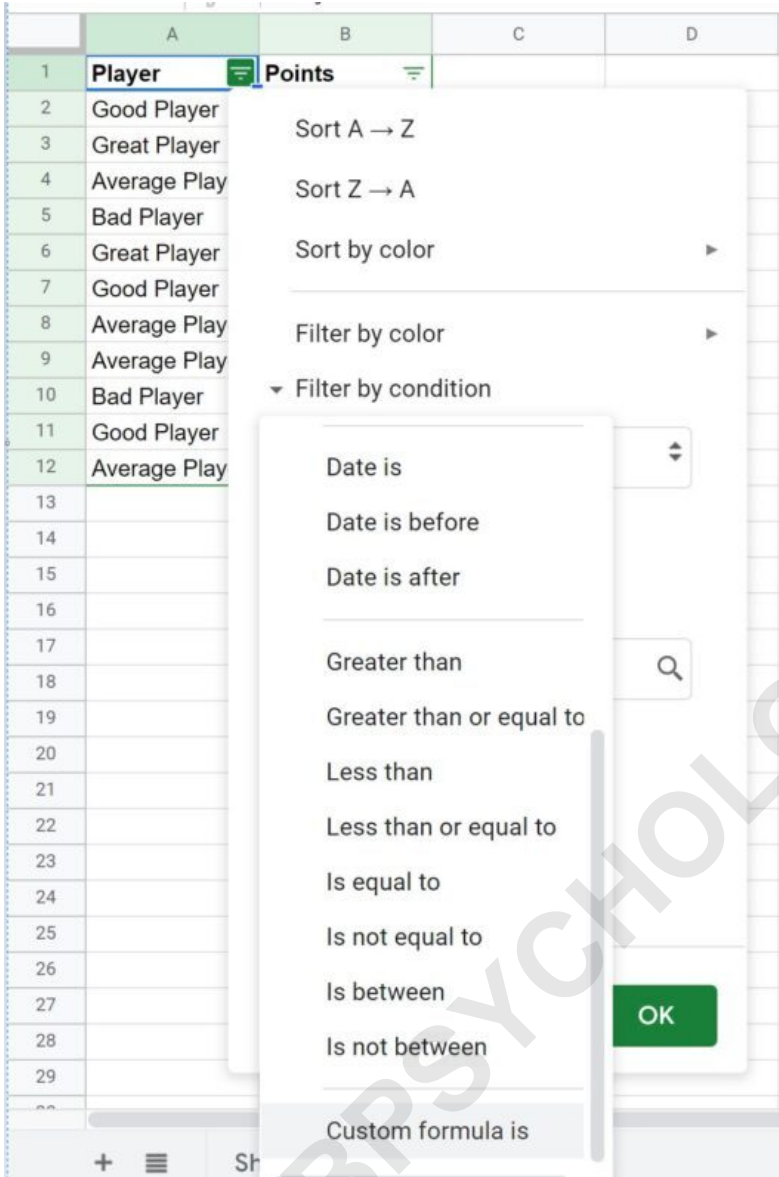
To do so, we can highlight the cell range A1:B12 and then click the Data tab along the top ribbon and then click Create a filter:

The screenshot shows a Google Sheets interface with a data table. The table has two columns: 'Player' and 'Points'. The data is as follows:

	A	B
1	Player	Points
2	Good Player	20
3	Great Player	30
4	Average Player	14
5	Bad Player	7
6	Great Player	26
7	Good Player	22
8	Average Player	16
9	Average Player	12
10	Bad Player	4
11	Good Player	19
12	Average Player	13
13		
14		
15		
16		
17		
18		
19		

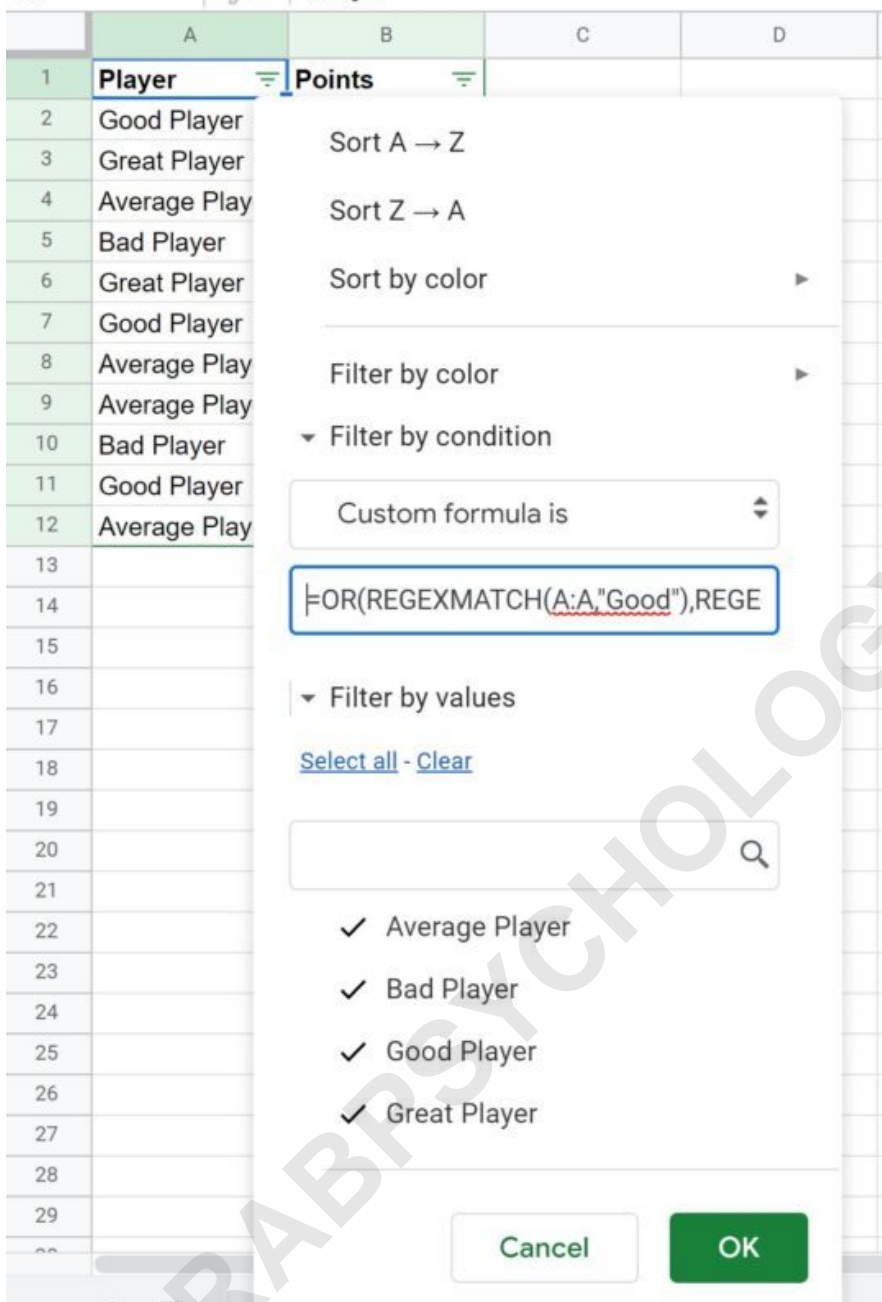
The 'Data' menu is open, showing options such as 'Sort sheet', 'Sort range', 'Create a filter', 'Filter views', 'Add a slicer', 'Protect sheets and ranges', 'Named ranges', 'Randomize range', 'Column stats', 'Data validation', 'Data cleanup', and 'Split text to columns'. The 'Create a filter' option is highlighted.

Next, click the filter icon next to Player and then click Filter by condition, then scroll all the way to the bottom of the list and click Custom formula is:



Type the following formula into the custom formula box:

```
=OR(REGEXMATCH(A:A,"Good"),REGEXMATCH(A:A,"Great"))
```



The screenshot shows a Google Sheets spreadsheet with columns A (Player) and B (Points). The data in column A is as follows:

Player	Points
Good Player	
Great Player	
Average Play	
Bad Player	
Great Player	
Good Player	
Average Play	
Average Play	
Bad Player	
Good Player	
Average Play	

The 'Filter by condition' dialog is open, showing the custom formula: `=OR(REGEXMATCH(A:A,"Good"),REGE`. The 'Filter by values' section shows a search box and a list of values with checkboxes: Average Player, Bad Player, Good Player, and Great Player. The 'OK' button is highlighted in green.

Once you click OK, the data will automatically be filtered to only show the rows where the Player column contains "Good" or "Great" in the name:

	A	B	C	D
1	Player	Points		
2	Good Player	20		
3	Great Player	30		
6	Great Player	26		
7	Good Player	22		
11	Good Player	19		
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				

This is just one example of using a custom formula to filter rows in Google Sheets.

Additional Resources