

How can I use advanced filter in Excel with multiple criteria in one column?

Authored by
stats writer

June 22, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I use advanced filter in Excel with multiple criteria in one column?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=146498>

Advanced filter in Excel allows users to filter data based on multiple criteria in one column. This feature is useful when dealing with large datasets and wanting to extract specific information. To use advanced filter with multiple criteria, one must first create a criteria range with the desired criteria listed in one column. Then, the advanced filter function can be used to specify the data range and the criteria range. This will result in the data being filtered based on the specified criteria, making it easier to find and analyze the desired information. By using advanced filter with multiple criteria in one column, users can efficiently manipulate and organize their data in Excel.

Excel: Advanced Filter with Multiple Criteria in One Column

You can use the Advanced Filter function in Excel to filter the rows in a dataset based on multiple criteria in one column.

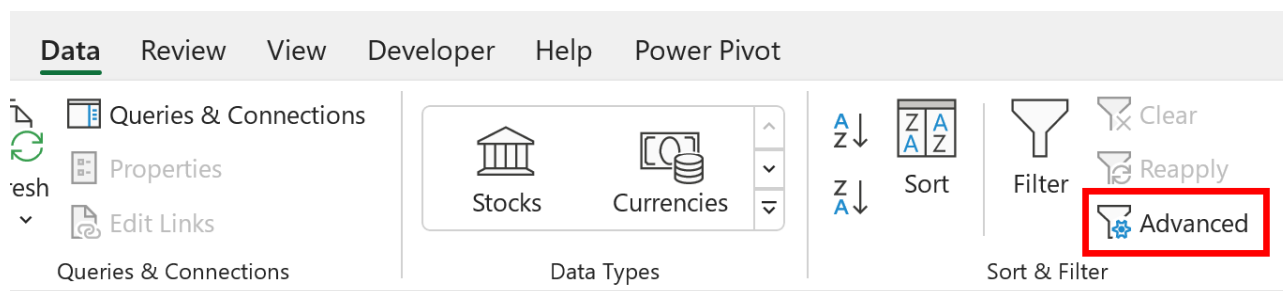
The following examples show how to do so with the following dataset in Excel:

	A	B	C	D	E	F	G
1	Team	Points	Assists				
2	Mavs	22	8				
3	Mavs	10	5				
4	Spurs	14	5				
5	Spurs	18	9				
6	Spurs	19	6				
7	Rockets	24	5				
8	Rockets	30	9				
9	Heat	34	10				
10	Heat	23	3				
11	Kings	29	5				
12	Warriors	21	7				
13							
14							
15							
16							
17							
18							

Example 1: Advanced Filter with Multiple Criteria in One Column Using OR Logic

Suppose we would like to filter the dataset to only show rows where the value in the Team column is either Mavs or Rockets.

We can define this criteria in the cell range E1:E3 and then click the Data tab and then click the Advanced Filter button:



We'll choose A1:C12 as the list range and E1:E3 as the criteria range:

	A	B	C	D	E	F	G	H
1	Team	Points	Assists		Team			
2	Mavs	22	8		Mavs			
3	Mavs	10	5		Rockets			
4	Spurs	14	5					
5	Spurs	18	9					
6	Spurs	19	6					
7	Rockets	24	5					
8	Rockets	30	9					
9	Heat	34	10					
10	Heat	23	3					
11	Kings	29	5					
12	Warriors	21	7					
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

Advanced Filter

Action

☒ Filter the list, in-place

☐ Copy to another location

List range: A1:C12

Criteria range: E1:E3

Copy to:

☐ Unique records only

OK Cancel

Once we click OK, the dataset will be filtered to only

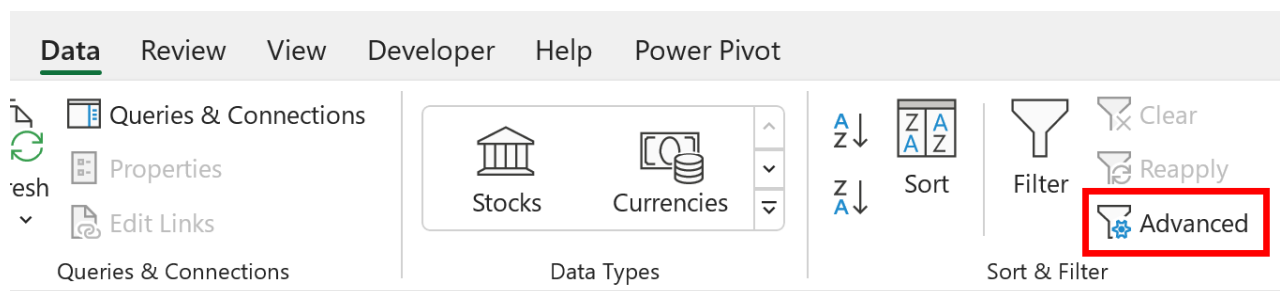
show rows where the team name is Mavs or Rockets:

	A	B	C	D	E	F	
1	Team	Points	Assists		Team		
2	Mavs	22	8		Mavs		
3	Mavs	10	5		Rockets		
7	Rockets	24	5				
8	Rockets	30	9				
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							

Example 2: Advanced Filter with Multiple Criteria in One Column Using AND Logic

Suppose we would like to filter the dataset to only show rows where the value in the Points column is greater than or equal to 20 *and* less than or equal to 30.

We can define this criteria in the cell range E1:F2 and then click the Data tab and then click the Advanced Filter button:



We'll choose A1:C12 as the list range and E1:F2 as the criteria range:

	A	B	C	D	E	F	G	H
1	Team	Points	Assists		Points	Points		
2	Mavs	22	8		>=20	<=30		
3	Mavs	10	5					
4	Spurs	14	5					
5	Spurs	18	9					
6	Spurs	19	6					
7	Rockets	24	5					
8	Rockets	30	9					
9	Heat	34	10					
10	Heat	23	3					
11	Kings	29	5					
12	Warriors	21	7					
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								

Advanced Filter

Action

☒ Filter the list, in-place

☐ Copy to another location

List range: A1:C12

Criteria range: E1:F2

Copy to:

☐ Unique records only

OK Cancel

	A	B	C	D	E	F	
1	Team	Points	Assists		Points	Points	
2	Mavs	22	8		>=20	<=30	
7	Rockets	24	5				
8	Rockets	30	9				
10	Heat	23	3				
11	Kings	29	5				
12	Warriors	21	7				
13							
14							
15							
16							
17							
18							
19							
20							

Note the subtle difference between using OR logic vs. AND logic when using the advanced filter function:

To use OR logic, you must place multiple values in the same column of the criteria range.

To use AND logic, you must place multiple values in different columns of the criteria range.

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