

How can I filter multiple columns in Excel, and what is an example of how to do so?

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July 1, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I filter multiple columns in Excel, and what is an example of how to do so?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=163096>

Filtering multiple columns in Excel allows you to narrow down your data and view only the desired information. This can be done by selecting specific criteria to filter by, such as values, dates, or text. To filter multiple columns, you can use the "Filter" function located in the "Data" tab. This will create drop-down menus for each column, where you can select the criteria to filter by. For example, if you have a table with sales data for different products in different regions, you can use the filter function to only view sales for a specific product in a specific region. This can be helpful in analyzing data and making decisions based on specific criteria.

Filter Multiple Columns in Excel (With Example)

The easiest way to filter multiple columns in Excel is to use the Advanced Filter function.

The following examples show how to use this function in two different scenarios:

Filter for rows that meet multiple conditions
Filter for rows that meet one of multiple conditions

Example 1: Filter for Rows that Meet Multiple Conditions

Suppose we have the following dataset that shows the total sales of certain products in certain regions for a company:

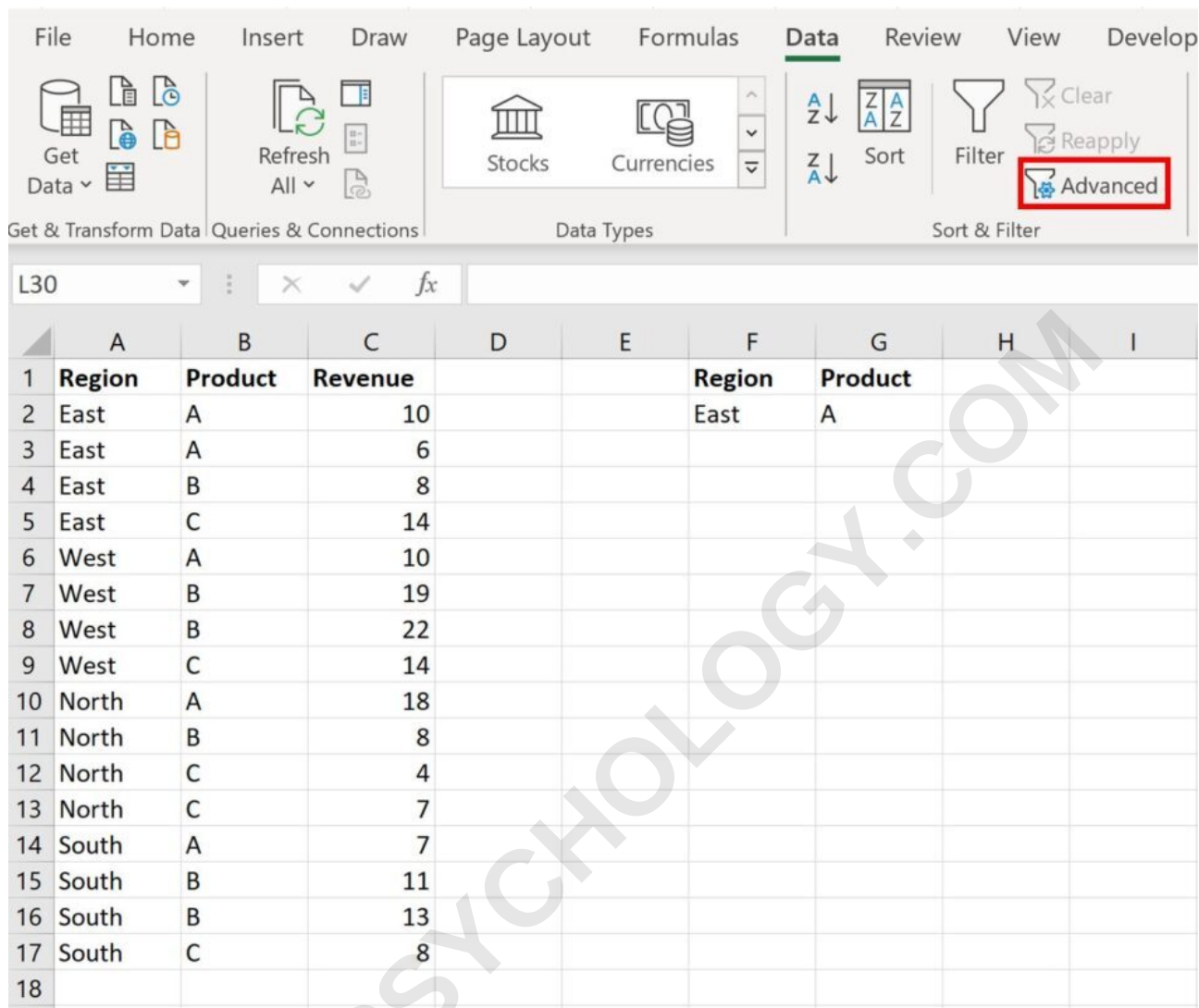
	A	B	C	D	E	F	
1	Region	Product	Revenue				
2	East	A	10				
3	East	A	6				
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							

Now suppose we'd like to filter for rows where the **Region** is **East** and the **Product** is **A**.

To do so, we can define the following range of cells that contains our criteria:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	A
3	East	A	6				
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							
21							

Next, we can click the Data tab and then click the Advanced Filter button:



The screenshot shows the Microsoft Excel interface with the 'Data' tab selected. The 'Filter' button is highlighted with a red box, and the 'Advanced' filter option is also highlighted with a red box. Below the ribbon, a data table is visible with columns A, B, and C containing data for Region, Product, and Revenue respectively.

	A	B	C	D	E	F	G	H	I
1	Region	Product	Revenue			Region	Product		
2	East	A	10			East	A		
3	East	A	6						
4	East	B	8						
5	East	C	14						
6	West	A	10						
7	West	B	19						
8	West	B	22						
9	West	C	14						
10	North	A	18						
11	North	B	8						
12	North	C	4						
13	North	C	7						
14	South	A	7						
15	South	B	11						
16	South	B	13						
17	South	C	8						
18									

We'll choose A1:C17 as the list range and F1:G2 as the criteria range:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	A
3	East	A	6				
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							
21							

Advanced Filter

Action

☒ Filter the list, in-place

☐ Copy to another location

List range:

Criteria range:

Copy to:

☐ Unique records only

OK Cancel

Once we click OK, the dataset will be filtered to only show rows where the Region is East and the Product is A:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	A
3	East	A	6				
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							

Example 2: Filter for Rows that Meet One of Multiple Conditions

Suppose we have the following dataset that shows the total sales of certain products in certain regions for a company:

	A	B	C	D	E	F	
1	Region	Product	Revenue				
2	East	A	10				
3	East	A	6				
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							

Now suppose we'd like to filter for rows where the Region is East or the Product is A.

To do so, we can define the following range of cells that contains our criteria:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	
3	East	A	6				A
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							
21							

Next, we can click the **Data** tab and then click the **Advanced Filter** button.

We'll choose **A1:C17** as the list range and **F1:G3** as the criteria range:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	
3	East	A	6				A
4	East	B	8				
5	East	C	14				
6	West	A	10				
7	West	B	19				
8	West	B	22				
9	West	C	14				
10	North	A	18				
11	North	B	8				
12	North	C	4				
13	North	C	7				
14	South	A	7				
15	South	B	11				
16	South	B	13				
17	South	C	8				
18							
19							
20							
21							

Advanced Filter

Action

☒ Filter the list, in-place

☐ Copy to another location

List range: \$A\$1:\$C\$17

Criteria range: \$F\$1:\$G\$3

Copy to:

☐ Unique records only

OK Cancel

Once we click OK, the dataset will be filtered to only show rows where the Region is East or the Product is A:

	A	B	C	D	E	F	G
1	Region	Product	Revenue			Region	Product
2	East	A	10			East	
3	East	A	6				A
4	East	B	8				
5	East	C	14				
6	West	A	10				
10	North	A	18				
14	South	A	7				
18							
19							
20							
21							
22							
23							
24							
25							

Additional Resources

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