

How can I use Excel's advanced filter to display only rows with non-blank values?

Authored by
stats writer

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RECOMMENDED CITATION

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Excel's advanced filter feature allows users to filter data in a more precise manner, including displaying only rows with non-blank values. This can be useful for organizing and analyzing data without clutter from empty cells. To use this feature, users can select the data range, go to the "Data" tab, and click on "Advanced" in the "Sort & Filter" group. In the advanced filter dialog box, users can choose to filter by specific criteria, such as non-blank values. This will result in a display of only rows with data in the selected columns, making it easier to view and work with relevant data.

Excel Advanced Filter: Display Rows with Non-Blank Values

You can use the following syntax to only display rows that are not blank in an Excel Advanced Filter:

<>

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

Filter for rows that do not have blank values in one specific column
Filter for rows that do not have blank values in *any* column

Example 1: Filter for Rows that Do Not Have Blank Values in One Specific Column

Suppose we have the following dataset that shows information for various basketball teams:

	A	B	C	D	E	F
1	Team	Points	Rebounds			
2	Mavs	99	22			
3		93	24			
4	Celtics	94	15			
5	Knicks	99	17			
6		104	20			
7		106	14			
8	Rockets	100	18			
9	Spurs	89	22			
10		96	26			
11	Pacers	109	30			
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Now suppose we'd like to filter for rows where the Team column is not blank.

To do so, we can define a criteria range in column E:

	A	B	C	D	E	F
1	Team	Points	Rebounds		Team	
2	Mavs	99	22		<>	
3		93	24			
4	Celtics	94	15			
5	Knicks	99	17			
6		104	20			
7		106	14			
8	Rockets	100	18			
9	Spurs	89	22			
10		96	26			
11	Pacers	109	30			
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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. In the **Sort & Filter** group, the **Advanced** filter option is highlighted with a red box. Below the ribbon, the spreadsheet is visible with the following data:

	A	B	C	D	E	F	G	H	I
1	Team	Points	Rebounds		Team				
2	Mavs	99	22		<>				
3		93	24						
4	Celtics	94	15						
5	Knicks	99	17						
6		104	20						
7		106	14						
8	Rockets	100	18						
9	Spurs	89	22						
10		96	26						
11	Pacers	109	30						
12									
13									
14									
15									

We'll choose A1:C11 as the list range and E1:E2 as the criteria range:

	A	B	C	D	E	F	G
1	Team	Points	Rebounds		Team		
2	Mavs	99	22		<>		
3		93	24				
4	Celtics	94	15				
5	Knicks	99	17				
6		104	20				
7		106	14				
8	Rockets	100	18				
9	Spurs	89	22				
10		96	26				
11	Pacers	109	30				
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18							
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20							
21							

Advanced Filter ? X

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 Team column is not blank:

	A	B	C	D	E	F
1	Team	Points	Rebounds		Team	
2	Mavs	99	22		<>	
4	Celtics	94	15			
5	Knicks	99	17			
8	Rockets	100	18			
9	Spurs	89	22			
11	Pacers	109	30			
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Example 2: Filter for Rows that Do Not Have Blank Values in Any Column

	A	B	C	D	E	F
1	Team	Points	Rebounds			
2	Mavs	99	22			
3		93	24			
4	Celtics	94	15			
5	Knicks		17			
6			20			
7		106	14			
8	Rockets	100				
9	Spurs	89	22			
10		96				
11	Pacers	109	30			
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Now suppose we'd like to filter for rows where there is not a blank value in *any* column.

To do so, we can define a criteria range:

	A	B	C	D	E	F	G
1	Team	Points	Rebounds		Team	Points	Rebounds
2	Mavs	99	22		<>	<>	<>
3		93	24				
4	Celtics	94	15				
5	Knicks		17				
6			20				
7		106	14				
8	Rockets	100					
9	Spurs	89	22				
10		96					
11	Pacers	109	30				
12							
13							
14							
15							
16							

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

We'll choose **A1:C11** as the list range and **E1:G2** as the criteria range:

	A	B	C	D	E	F	G	H
1	Team	Points	Rebounds		Team	Points	Rebounds	
2	Mavs	99	22		<>	<>	<>	
3		93	24					
4	Celtics	94	15					
5	Knicks		17					
6			20					
7		106	14					
8	Rockets	100						
9	Spurs	89	22					
10		96						
11	Pacers	109	30					
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20								

Advanced Filter ? X

Action

☒ Filter the list, in-place

☐ Copy to another location

List range: \$A\$1:\$C\$11 ↑

Criteria range: \$E\$1:\$G\$2 ↑

Copy to: ↑

☐ Unique records only

OK Cancel

Once we click OK, the dataset will be filtered to only show rows where there is no blank value in any column:

	A	B	C	D	E	F	G
1	Team	Points	Rebounds		Team	Points	Rebounds
2	Mavs	99	22		<>	<>	<>
4	Celtics	94	15				
9	Spurs	89	22				
11	Pacers	109	30				
12							
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Additional Resources

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