

How can I create a pivot table in Excel using filtered data?

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A pivot table in Excel is a powerful tool that allows users to analyze and summarize large amounts of data. To create a pivot table using filtered data, follow these steps:

1. Select the data that you want to include in the pivot table, including any headers or labels.
2. Go to the "Insert" tab on the Excel ribbon and click on "PivotTable."
3. In the pop-up window, select "Use an external data source" and click "Choose Connection."
4. Choose the data source that contains your filtered data and click "Open."
5. In the next window, choose the table or range of data that you want to use for the pivot table and click "OK."
6. Drag and drop the fields you want to include in the pivot table into the "Rows," "Columns," and "Values" sections.
7. Right-click on any value in the pivot table and select "Value Field Settings" to change the calculation method or format of the data.
8. To filter the data further, click on the "Filter" button in the "PivotTable Analyze" tab and select the criteria you want to use.
9. To update the pivot table with any changes to the filtered data, right-click on the table and select "Refresh."

By following these steps, you can easily create a pivot table in Excel using filtered data, making it easier to analyze and understand your data.

Excel: Create Pivot Table Based on Filtered Data

By default, Excel is unable to create a pivot table using filtered data.

Instead, Excel always uses the original data to create a pivot table rather than the filtered data.

One way to get around this issue is to simply copy and paste the filtered data to a new cell range and then create a pivot table using the new cell range.

The following example shows exactly how to do so.

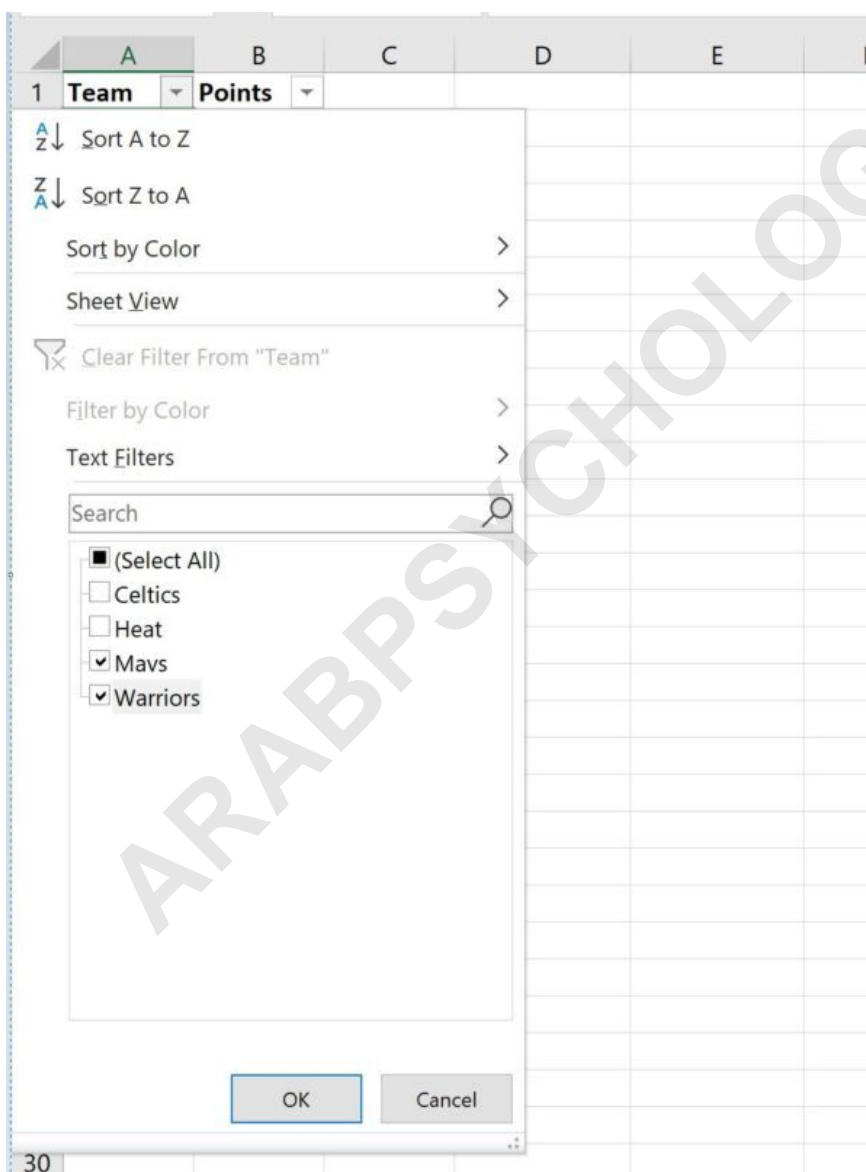
Example: Create Pivot Table Based on Filtered Data

Suppose we have the following data in Excel that shows the points scored by basketball players on various teams:

	A	B	C	D	E
1	Team	Points			
2	Mavs	22			
3	Warriors	17			
4	Warriors	15			
5	Mavs	15			
6	Heat	27			
7	Celtics	30			
8	Celtics	21			
9	Warriors	18			
10	Heat	14			
11	Warriors	19			
12	Mavs	22			
13					
14					
15					
16					
17					
18					
19					
20					
21					

Now suppose we highlight the cell range A1:B12, then click the Data tab, then click the Filter icon.

Now suppose we click the dropdown arrow next to Team, check the boxes next to Mavs and Warriors, and then click OK:



The data will be filtered to only show rows where the

Team is equal to Mavs or Warriors:


	A	B	C	D	E
1	Team	Points			
2	Mavs	22			
3	Warriors	17			
4	Warriors	15			
5	Mavs	15			
9	Warriors	18			
11	Warriors	19			
12	Mavs	22			
13					
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If we attempt to create a pivot table to summarize the sum of points scored by these two teams, the pivot table will actually use all of the original data:

	A	B	C	D	E	F
1	Team	Points		Row Labels	Sum of Points	
2	Mavs	22		Celtics	51	
3	Warriors	17		Heat	41	
4	Warriors	15		Mavs	59	
5	Mavs	15		Warriors	69	
9	Warriors	18				
11	Warriors	19				
12	Mavs	22				
13						
14						
15						
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22						

To get around this issue, we need to highlight and copy the cells in the range A1:B12, then paste them in a different cell range.

For this example, we'll paste them into a new sheet entirely:

	A	B	C	D	E
1	Team	Points			
2	Mavs	22			
3	Warriors	17			
4	Warriors	15			
5	Mavs	15			
6	Warriors	18			
7	Warriors	19			
8	Mavs	22			
9			 (Ctrl) ▾		
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					

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	A	B	C	D	E	F
1	Team	Points		Row Labels ▾	Sum of Points	
2	Mavs	22		Mavs	59	
3	Warriors	17		Warriors	69	
4	Warriors	15		Grand Total	128	
5	Mavs	15				
6	Warriors	18				
7	Warriors	19				
8	Mavs	22				
9						
10						
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Additional Resources

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