

How can I filter data in Excel by a list of values?

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To filter data in Excel by a list of values, follow these steps:

1. Select the column containing the data you want to filter.
2. Click on the "Data" tab on the top menu bar and then click on the "Filter" button.
3. A drop-down arrow will appear next to the column heading. Click on it and select "Filter by Selected Cell's Value".
4. In the "Custom AutoFilter" box, select "equals" from the first drop-down menu and then enter the list of values you want to filter by in the second drop-down menu.
5. Click "OK" to apply the filter. The data will now be filtered by the selected values, showing only the rows that match the criteria.

Filter by List of Values in Excel

You can use the following syntax to filter a dataset by a list of values in Excel:

=FILTER(A2:C11,COUNTIF(E2:E5,A2:A11))

This particular formula filters the cells in the range A2:C11 to only return the rows where cells in the range A2:A11 contain a value from the list of values in the range E2:E5.

The following step-by-step example shows how to use this syntax in practice.

Step 1: Enter the Data

First, let's enter the following dataset in Excel that contains information about various basketball players:

	A	B	C	D	E	F	
1	Team	Points	Assists				
2	Mavericks	22	4				
3	Nets	20	6				
4	Heat	26	5				
5	Kings	35	8				
6	Magic	34	8				
7	Spurs	19	9				
8	Rockets	15	12				
9	Pacers	18	5				
10	Pistons	26	6				
11	Hornets	10	11				
12							
13							
14							
15							
16							
17							
18							
19							
20							

Step 2: Define List of Values

Next, let's define a list of Team values that we'd like to filter by:

	A	B	C	D	E	F
1	Team	Points	Assists		Filter for These Teams	
2	Mavericks	22	4		Nets	
3	Nets	20	6		Kings	
4	Heat	26	5		Magic	
5	Kings	35	8		Hornets	
6	Magic	34	8			
7	Spurs	19	9			
8	Rockets	15	12			
9	Pacers	18	5			
10	Pistons	26	6			
11	Hornets	10	11			
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						

Step 3: Filter by List of Values

Next, let's type the following formula into cell A14 to filter the dataset by the list of Team names we defined:

=FILTER(A2:C11,COUNTIF(E2:E5,A2:A11))

The following screenshot shows how to use this formula in practice:

A14						
=FILTER(A2:C11, COUNTIF(E2:E5,A2:A11))						
	A	B	C	D	E	F
1	Team	Points	Assists		Filter for These Teams	
2	Mavericks	22	4		Nets	
3	Nets	20	6		Kings	
4	Heat	26	5		Magic	
5	Kings	35	8		Hornets	
6	Magic	34	8			
7	Spurs	19	9			
8	Rockets	15	12			
9	Pacers	18	5			
10	Pistons	26	6			
11	Hornets	10	11			
12						
13						
14	Nets	20	6			
15	Kings	35	8			
16	Magic	34	8			
17	Hornets	10	11			
18						
19						
20						
21						

Notice that the filtered dataset only contains the rows where the Team names from original dataset in the range A2:C11 are in the list of names in the range E2:E5.

Note: The FILTER function is case-insensitive. This means if you type "nets" instead of "Nets", the function will still return the row with the "Nets" in the Team column.

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

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