

# How do I filter by a list of values in Google Sheets?

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## RECOMMENDED CITATION

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Google Sheets allows users to filter data by a specific list of values. This feature is useful when you need to narrow down a large dataset to show only certain values. To filter by a list of values, first select the column you want to filter. Then, click on the filter icon and select "Filter by condition." In the dropdown menu, choose "Custom formula is" and enter the formula "`=ISNUMBER(MATCH(A2, {value1, value2, ...}, 0))`" where A2 is the cell containing the data and {value1, value2, ...} is the list of values you want to filter by. This will only display rows that contain one of the specified values in the selected column. This feature can save time and effort when working with large datasets in Google Sheets.

## Filter by List of Values in Google Sheets

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

```
=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 Google Sheets that contains information about various basketball players:

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		
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					
21					

## 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
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		<b>Filter for These Teams</b>
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					

### 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 teams we defined:

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

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

A14 fx =FILTER(A2:C11,COUNTIF(E2:E5,A2:A11))

	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>	<b>Assists</b>		<b>Filter for These Teams</b>
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					
22					
23					

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.