

How can I use Excel to find all values that match a specific criteria?

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Excel is a powerful tool that allows users to efficiently manage and analyze large sets of data. One useful feature of Excel is the ability to find all values that meet a specific criteria. This can be done by using the "Filter" function, which allows users to specify the criteria and then displays only the data that meets that criteria. By using this feature, users can easily identify and extract the specific data they need, saving time and effort in sorting through large datasets manually. This functionality makes Excel a valuable tool for data analysis and decision-making processes.

Excel: Find All Values that Match Criteria

You can use the following formula in Excel to find all values that match specific criteria:

```
=FILTER(A2:A13,B2:B13=E1,"")
```

This particular formula returns all of the values in the range A2:A13 where the corresponding value in the range B2:B13 is equal to the value in cell E1.

The following example shows how to use this formula in practice.

Example: Find All Values that Match Criteria in Excel

Suppose we have the following dataset in Excel that contains information about the sales made by various employees at some company:

	A	B	C	D	E
1	Employee	Sales			
2	Andy	10			
3	Bob	14			
4	Chad	18			
5	Doug	22			
6	Eric	39			
7	Frank	24			
8	Greg	28			
9	Henry	10			
10	Isaac	18			
11	John	18			
12	Kendall	15			
13	Luke	10			
14					
15					
16					
17					
18					
19					

Suppose we would like to return the names of every employee that has exactly 10 sales.

We can type the following formula into cell D1 to do so:

=FILTER(A2:A13,B2:B13=E1,"")

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

	A	B	C	D	E	F	G
1	Employee	Sales		Sales	10		
2	Andy	10		Andy			
3	Bob	14		Henry			
4	Chad	18		Luke			
5	Doug	22					
6	Eric	39					
7	Frank	24					
8	Greg	28					
9	Henry	10					
10	Isaac	18					
11	John	18					
12	Kendall	15					
13	Luke	10					
14							
15							
16							

The formula returns the names Andy, Henry and Luke, which are all of the names of the employees that have exactly 10 sales.

Note that we could also use the following formula to return the names of all employees that have more than 20 sales:

=FILTER(A2:A13,B2:B13>E1,"")

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

D2 *fx* =FILTER(A2:A13,B2:B13>E1,"")

	A	B	C	D	E	F
1	Employee	Sales		Sales	20	
2	Andy	10		Doug		
3	Bob	14		Eric		
4	Chad	18		Frank		
5	Doug	22		Greg		
6	Eric	39				
7	Frank	24				
8	Greg	28				
9	Henry	10				
10	Isaac	18				
11	John	18				
12	Kendall	15				
13	Luke	10				
14						
15						
16						
17						
18						

Note: You can find the complete documentation for the **FILTER** function in Excel .

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