

How can I use COUNTIFS with a date range in Google Sheets?

Authored by
stats writer

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COUNTIFS is a function in Google Sheets that allows you to count the number of cells within a specified date range that meet certain criteria. This feature is useful for analyzing data over a specific period of time. To use COUNTIFS with a date range, you will need to specify the date range as well as the criteria for the cells to be counted. This can help you easily track and analyze data within a specific time frame, making it an effective tool for data analysis in Google Sheets.

Use COUNTIFS with a Date Range in Google Sheets

You can use the following syntax to count the number of cell values that fall in a date range in Google Sheets:

```
=COUNTIFS(A2:A11,">="&D2,A2:A11,"<="&E2)
```

This formula counts the number of cells in the range **A2:A11** where the start date is equal to or greater than the date in cell **D2** and the end date is equal to or less than the date in cell **E2**.

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

Example: Use COUNTIFS with Date Range in Google Sheets

Suppose we have the following dataset in Google Sheets that shows the number of products sold on various days:

	A	B	C	D	
1	Date	Products Sold			
2	1/1/2021	9			
3	1/4/2021	23			
4	1/6/2021	29			
5	1/7/2021	22			
6	1/8/2021	25			
7	1/12/2021	28			
8	1/14/2021	30			
9	1/15/2021	15			
10	1/17/2021	18			
11	1/18/2021	11			
12					
13					
14					
15					
16					
17					
18					
19					
20					

We can define a start and end date in cells D2 and E2 respectively, then use the following formula to count how many dates fall within the start and end date:

=COUNTIFS(A2:A11,">="&D2,A2:A11,"<="&E2)

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

F2 *fx* =COUNTIFS(A2:A11, ">="&D2, A2:A11, "<="&E2)

	A	B	C	D	E	F
1	Date	Products Sold		Start Date	End Date	
2	1/1/2021	9		1/10/2021	1/15/2021	3
3	1/4/2021	23				
4	1/6/2021	29				
5	1/7/2021	22				
6	1/8/2021	25				
7	1/12/2021	28				
8	1/14/2021	30				
9	1/15/2021	15				
10	1/17/2021	18				
11	1/18/2021	11				
12						
13						
14						
15						
16						
17						

We can see that 3 days fall in between the range 1/10/2021 and 1/15/2021.

We can manually verify that the following three dates in column A fall in this range:

1/12/2021 1/14/2021 1/15/2021

If we change either the start or end date, the formula will automatically update to count the cells within the new date range.

For example, suppose we change the start date to

1/1/2021:

	A	B	C	D	E	F
F2	=COUNTIFS(A2:A11, ">="&D2, A2:A11, "<="&E2)					
1	Date	Products Sold		Start Date	End Date	
2	1/1/2021	9		1/1/2021	1/15/2021	8
3	1/4/2021	23				
4	1/6/2021	29				
5	1/7/2021	22				
6	1/8/2021	25				
7	1/12/2021	28				
8	1/14/2021	30				
9	1/15/2021	15				
10	1/17/2021	18				
11	1/18/2021	11				
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Additional Resources

The following tutorials provide additional information on how to work with dates in Google Sheets: