

How can I use SUMIFS to calculate a sum within a specific date range in Excel?

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The SUMIFS function in Excel allows users to calculate a sum within a specific date range. This can be done by specifying the criteria for the date range in the formula, along with the data range to be summed. By using the SUMIFS function, users can accurately calculate the sum of data within a specific timeframe, making it an efficient and useful tool for data analysis and financial calculations. This feature can be particularly helpful for businesses and individuals looking to track and analyze their financial data over a specific period of time.

Use SUMIFS with a Date Range in Excel

You can use the following syntax to calculate the sum of values in Excel where corresponding cells fall in a certain date range:

```
=SUMIFS(B2:B11, A2:A11, ">="&D2, A2:A11,"<="&E2)
```

This formula calculates the sum of the values in the range B2:B11 where the date in the range A2:A11 is between the dates in cells D2 and E2.

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

Example: Use SUMIFS with Date Range in Excel

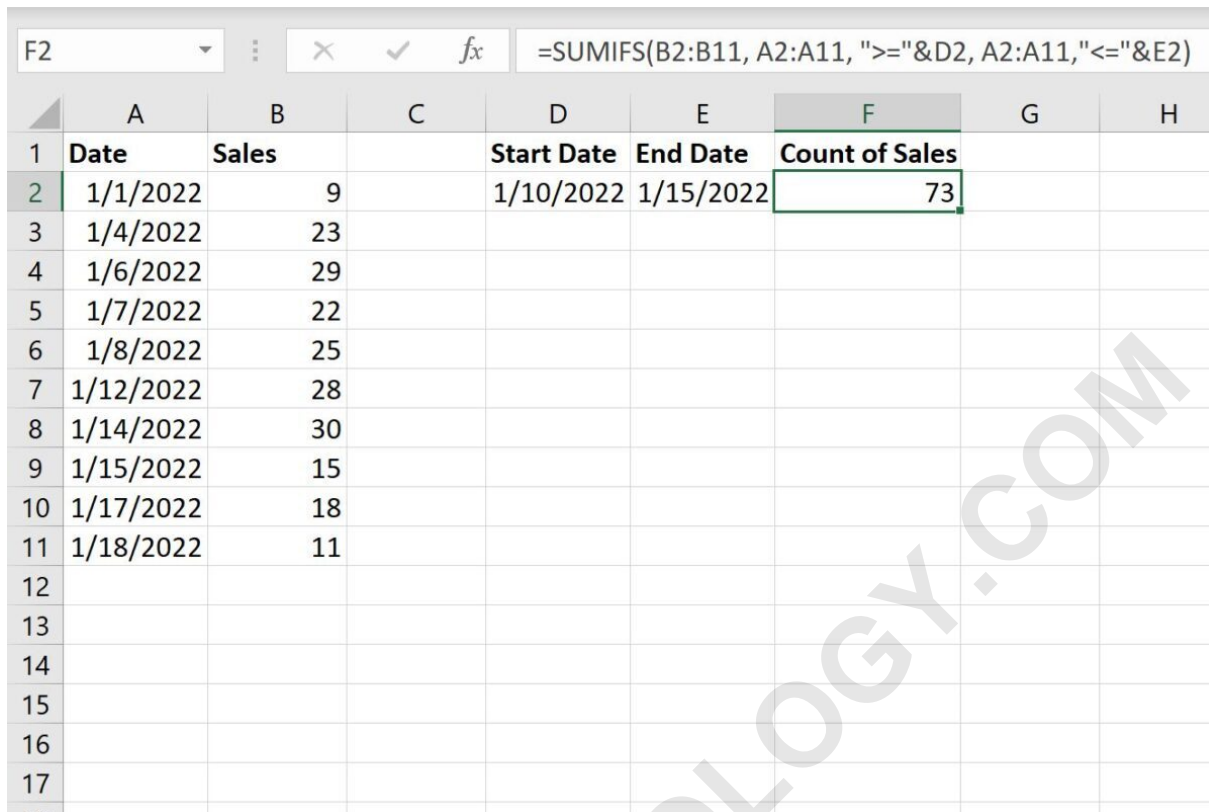
Suppose we have the following dataset in Excel that shows the number of sales made by some company on various days:

	A	B	C	D	E	F
1	Date	Sales				
2	1/1/2022	9				
3	1/4/2022	23				
4	1/6/2022	29				
5	1/7/2022	22				
6	1/8/2022	25				
7	1/12/2022	28				
8	1/14/2022	30				
9	1/15/2022	15				
10	1/17/2022	18				
11	1/18/2022	11				
12						
13						
14						
15						
16						
17						
18						
19						

We can define a start and end date in cells D2 and E2 respectively, then use the following formula to calculate the sum of the sales where the dates fall between the start and end date:

=SUMIFS(B2:B11, A2:A11, ">="&D2, A2:A11, "<="&E2)

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



	A	B	C	D	E	F	G	H
1	Date	Sales		Start Date	End Date	Count of Sales		
2	1/1/2022	9		1/10/2022	1/15/2022	73		
3	1/4/2022	23						
4	1/6/2022	29						
5	1/7/2022	22						
6	1/8/2022	25						
7	1/12/2022	28						
8	1/14/2022	30						
9	1/15/2022	15						
10	1/17/2022	18						
11	1/18/2022	11						
12								
13								
14								
15								
16								
17								

We can see that a total of 73 sales were made between 1/10/2022 and 1/15/2022.

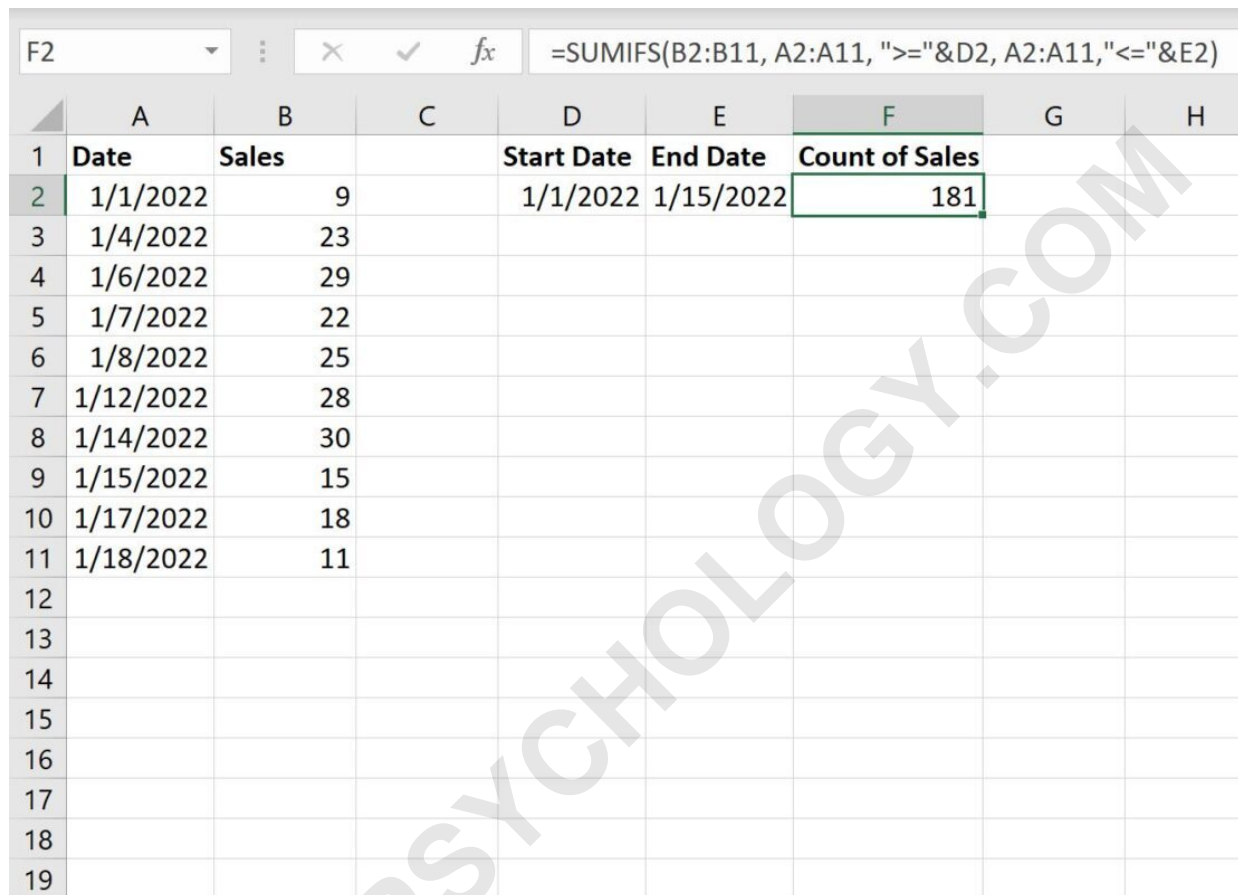
We can manually verify this by taking the sum of the sales between these dates:

1/12/2022: 28 1/14/2022: 30 1/15/2022: 15

Sum of sales = 28 + 30 + 15 = 73.

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

For example, suppose we change the start date to 1/1/2022:



	A	B	C	D	E	F	G	H
1	Date	Sales		Start Date	End Date	Count of Sales		
2	1/1/2022	9		1/1/2022	1/15/2022	181		
3	1/4/2022	23						
4	1/6/2022	29						
5	1/7/2022	22						
6	1/8/2022	25						
7	1/12/2022	28						
8	1/14/2022	30						
9	1/15/2022	15						
10	1/17/2022	18						
11	1/18/2022	11						
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We can see that a total of 181 sales were made between 1/1/2022 and 1/15/2022.

Additional Resources

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