How can I create a formula to calculate the sum by month in Google Sheets, using an example?

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In order to calculate the sum by month in Google Sheets, a formula can be created using the SUMIFS function with the criteria of specific dates falling within a certain month. For example, the formula would look like this: =SUMIFS(range of values, range of dates, ">="&DATE(year, month, 1), range of dates, "

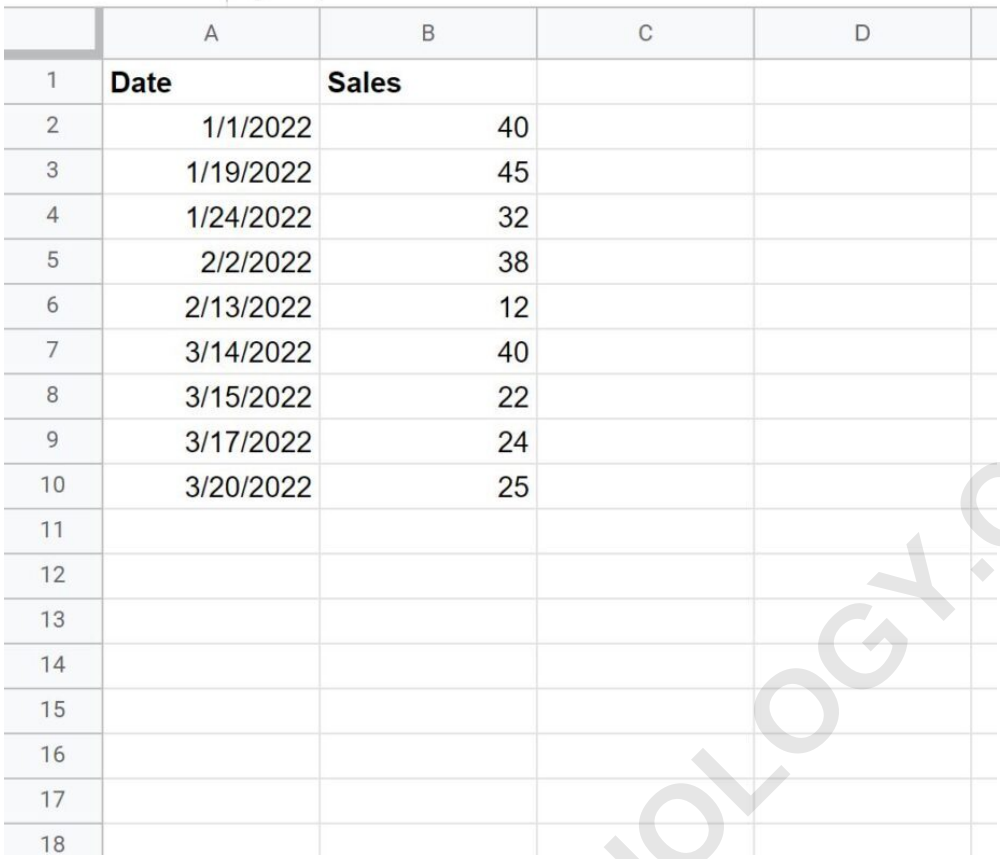
Sum by Month in Google Sheets (With Example)

Often you may want to sum the values of some dataset in Google Sheets based on month.

The following step-by-step example shows how to do so.

Step 1: Enter the Data

First, enter the values for a dataset that show the total sales of some product on various dates:



	A	B	C	D
1	**Date**	**Sales**		
2	1/1/2022	40		
3	1/19/2022	45		
4	1/24/2022	32		
5	2/2/2022	38		
6	2/13/2022	12		
7	3/14/2022	40		
8	3/15/2022	22		
9	3/17/2022	24		
10	3/20/2022	25		
11				
12				
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Step 2: Extract the Month from Dates

Next, we need to use the =MONTH() function to extract the month from each date.

In our example, we'll type the following formula in cell D2:

=MONTH(A2)

We'll then drag and fill this formula down to every remaining cell in column D:

D2 | =MONTH(A2)

	A	B	C	D	E
1	**Date**	**Sales**		**Month**	
2	1/1/2022	40		1	
3	1/19/2022	45		1	
4	1/24/2022	32		1	
5	2/2/2022	38		2	
6	2/13/2022	12		2	
7	3/14/2022	40		3	
8	3/15/2022	22		3	
9	3/17/2022	24		3	
10	3/20/2022	25		3	
11					
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16					
17					
18					

Step 3: Find the Unique Months

Next, we need to use the =UNIQUE() function to produce a list of unique months.

In our example, we'll type the following formula in cell F2:

=UNIQUE(D2:D10)

This will produce a list of unique months:

F2 fx =UNIQUE(D2:D10)

	A	B	C	D	E	F
1	**Date**	**Sales**		**Month**		**Unique Months**
2	1/1/2022	40		1		1
3	1/19/2022	45		1		2
4	1/24/2022	32		1		3
5	2/2/2022	38		2		
6	2/13/2022	12		2		
7	3/14/2022	40		3		
8	3/15/2022	22		3		
9	3/17/2022	24		3		
10	3/20/2022	25		3		
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Step 4: Find the Sum by Month

Next, we will use the SUMIF(range, criterion, sum_range) function to find the sum of the sales made during each month.

In our example, we'll type the following formula in cell G2:

=SUMIF($D$2:$D$10, F2, $B$2:$B$10)

We'll then drag and fill this formula down to the remaining cells in column G:

G2 =SUMIF($D$2:$D$10, F2, $B$2:$B$10)

	A	B	C	D	E	F	G
1	**Date**	**Sales**		**Month**		**Unique Months**	**Total Sales**
2	1/1/2022	40		1		1	117
3	1/19/2022	45		1		2	50
4	1/24/2022	32		1		3	111
5	2/2/2022	38		2			
6	2/13/2022	12		2			
7	3/14/2022	40		3			
8	3/15/2022	22		3			
9	3/17/2022	24		3			
10	3/20/2022	25		3			
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This tells us:

There were 117 total sales made in January.There were 50 total sales made in February.There were 111 total sales made in March.

Additional Resources

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