

How can I create a Cumulative Sum Chart in Google Sheets?

Authored by
stats writer

June 27, 2024

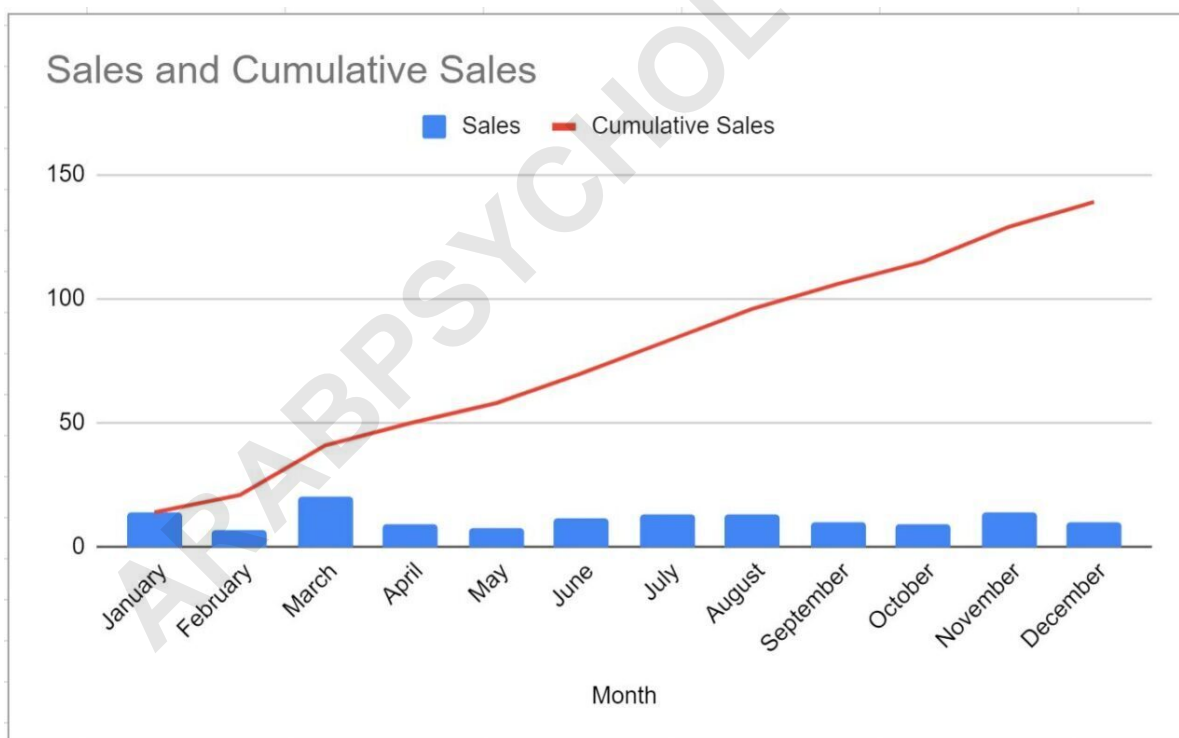
RECOMMENDED CITATION

stats writer (2024). *How can I create a Cumulative Sum Chart in Google Sheets?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=154817>

Creating a Cumulative Sum Chart in Google Sheets is a simple and effective way to visualize the cumulative total of a series of data points. To create this chart, simply enter your data points in a column or row, then select the range of cells. Next, go to the "Insert" tab and choose "Chart" from the drop-down menu. In the "Chart Editor," select "Cumulative sum" under the "Chart type" section. Finally, customize your chart by adding titles, labels, and formatting options. This chart is useful for tracking the overall progress or growth of data over time.

Create a Cumulative Sum Chart in Google Sheets

This tutorial provides a step-by-step example of how to create the following cumulative sum chart in Google Sheets:



Let's jump in!

Step 1: Enter the Data

First, let's create the following dataset that shows the total sales of some item during each month in a year:

	A	B	C	D
1	Month	Sales		
2	January	14		
3	February	7		
4	March	20		
5	April	9		
6	May	8		
7	June	12		
8	July	13		
9	August	13		
10	September	10		
11	October	9		
12	November	14		
13	December	10		
14				
15				
16				
17				
18				
19				

Step 2: Calculate the Cumulative Sum

Next, we'll use the following formula to calculate the cumulative sum of sales:

=SUM(\$B\$2:B2)

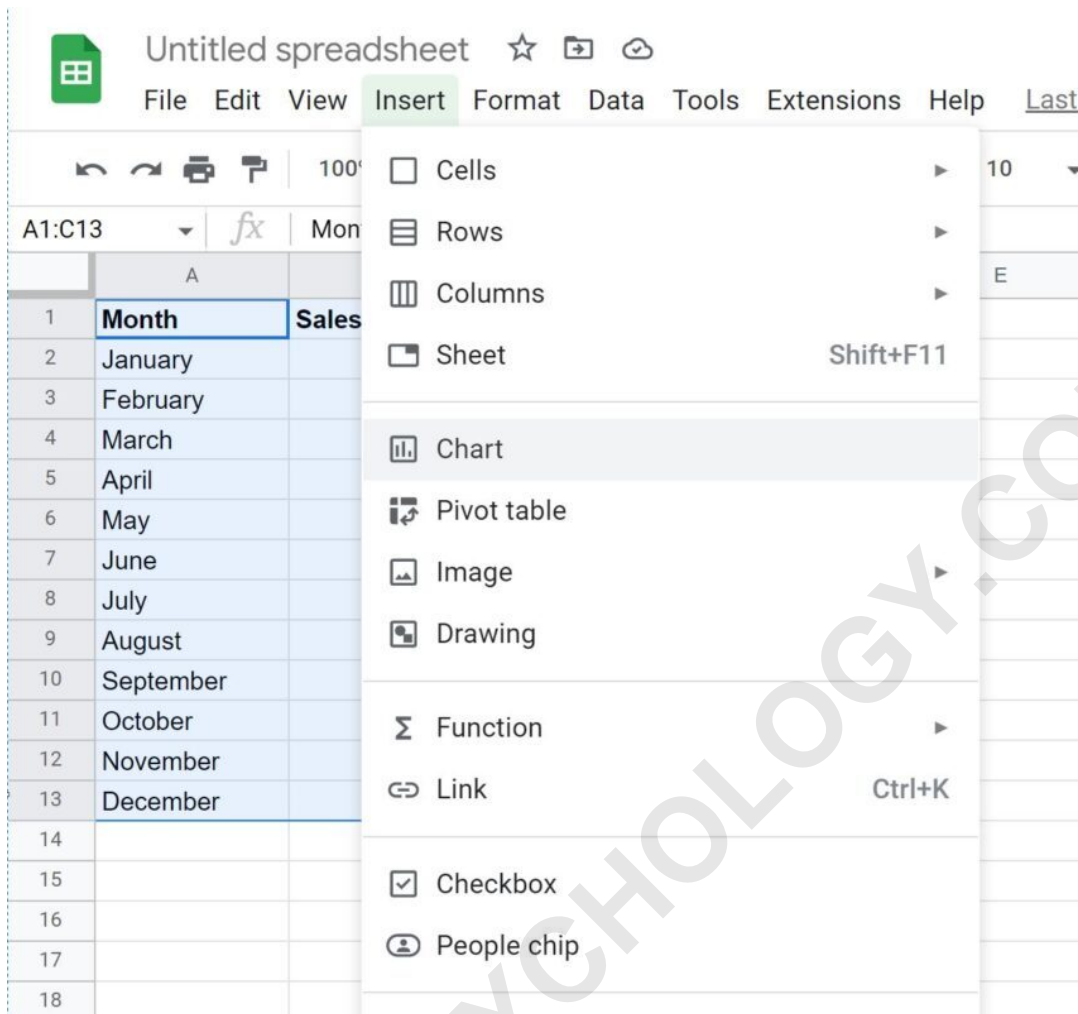
We can type this formula into cell C2 and then drag and fill it to every remaining cell in column C:

C2 fx =SUM(\$B\$2:B2)

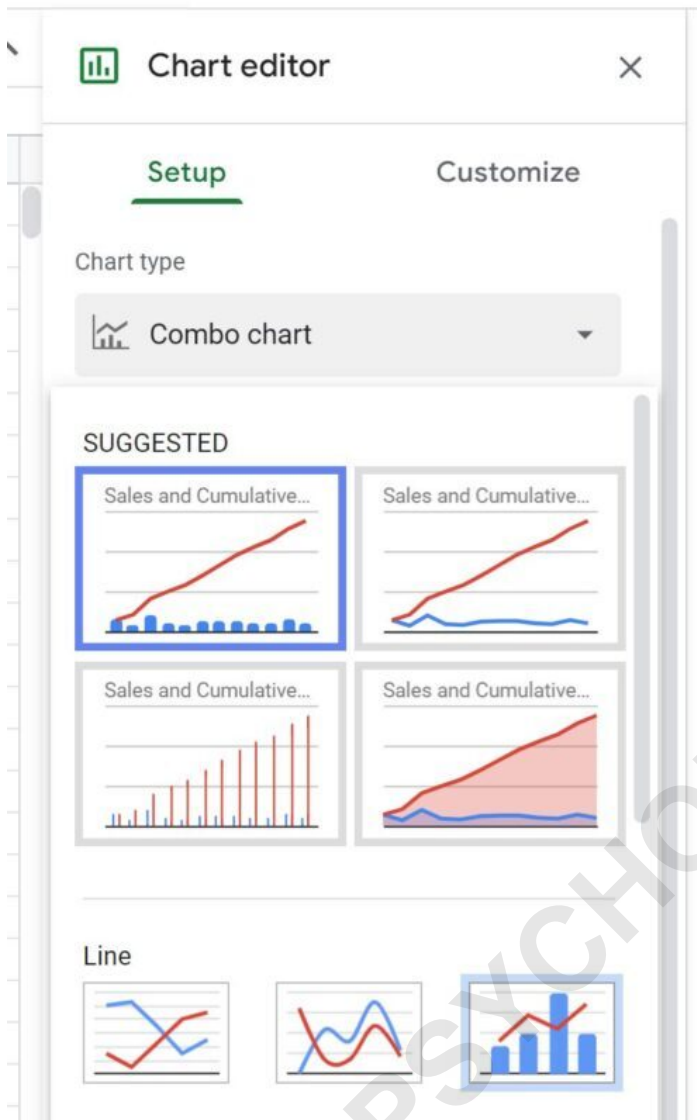
	A	B	C	D
1	Month	Sales	Cumulative Sales	
2	January	14	14	
3	February	7	21	
4	March	20	41	
5	April	9	50	
6	May	8	58	
7	June	12	70	
8	July	13	83	
9	August	13	96	
10	September	10	106	
11	October	9	115	
12	November	14	129	
13	December	10	139	
14				
15				
16				
17				
18				
19				

Step 3: Create Cumulative Sum Chart

Next, highlight the cell range A1:C13, then click the Insert tab along the top ribbon, then click Chart.



In the Chart editor panel, click the Setup tab, then choose the chart titled Combo chart:



The following chart will appear:



The blue bars represent the sales each month and the red line represents the cumulative sales.

Feel free to customize the title, customize the colors, customize the line style, and adjust the width of the bars to make the plot look however you'd like.

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