

How can I add a vertical line to a chart in Google Sheets?

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RECOMMENDED CITATION

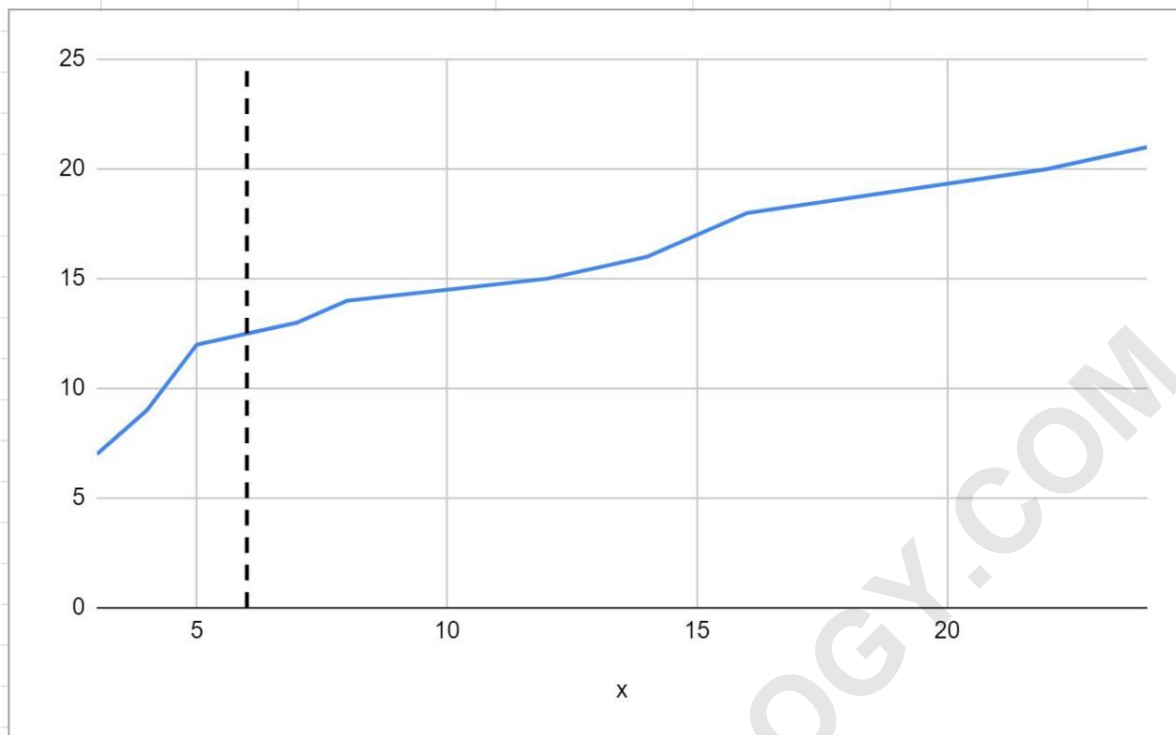
stats writer (2024). *How can I add a vertical line to a chart in Google Sheets?*.
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=156072>

Adding a vertical line to a chart in Google Sheets is a simple and effective way to highlight a specific data point or category on a graph. This feature allows users to visually emphasize a particular data point or compare it to other points on the chart. To add a vertical line, users can simply insert a "line" shape onto the chart and position it accordingly. Additionally, using the "series" feature in the chart editor allows for the line to move dynamically with the data as it is updated. This feature is useful for creating more visually appealing and informative charts in Google Sheets.

Add a Vertical Line to a Chart in Google Sheets

Occasionally you may want to add a vertical line to a chart in Google Sheets to represent a target line, an average line, or some other metric.

This tutorial provides a step-by-step example of how to add a vertical line to the following line chart in Google Sheets:



Step 1: Enter the Data

Suppose we would like to create a line chart using the following dataset in Google Sheets:

	A	B	C	D
1	x	y		
2		3	7	
3		4	9	
4		5	12	
5		7	13	
6		8	14	
7		12	15	
8		14	16	
9		16	18	
10		22	20	
11		24	21	
12				
13				
14				
15				
16				
17				
18				

Step 2: Add Data for Vertical Line

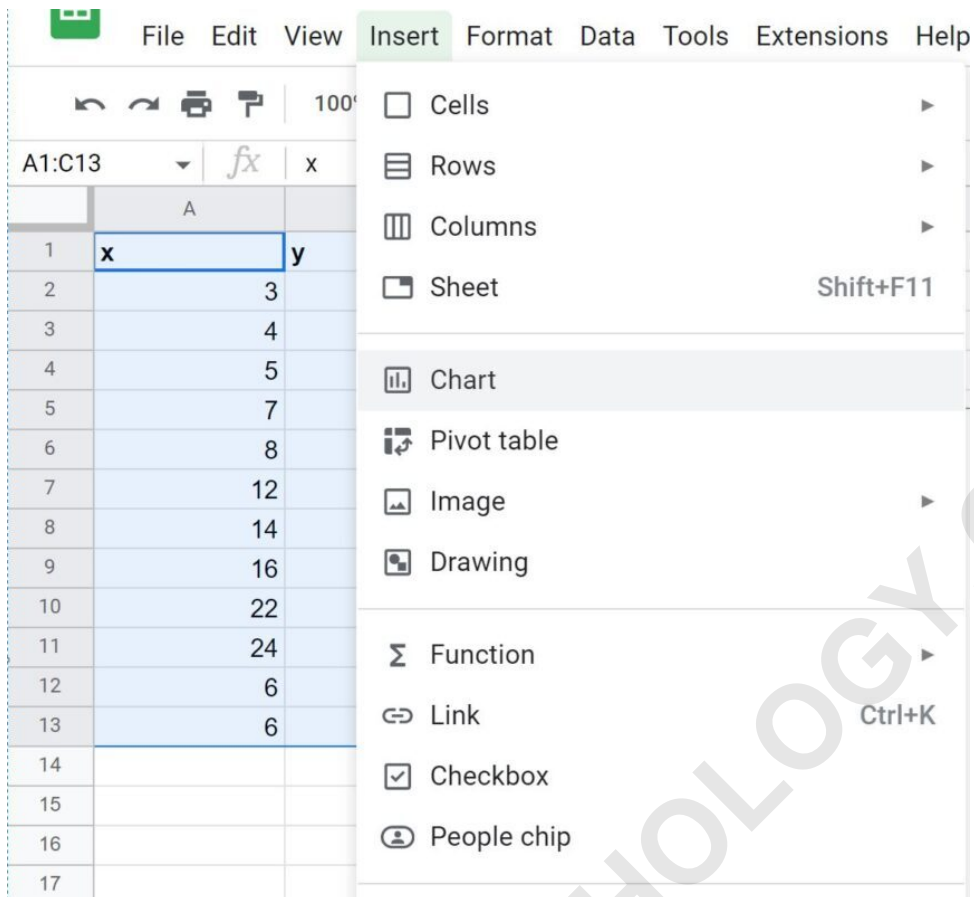
Now suppose we would like to add a vertical line located at $x = 6$ on the plot.

We can add in the following artificial (x, y) coordinates to the dataset:

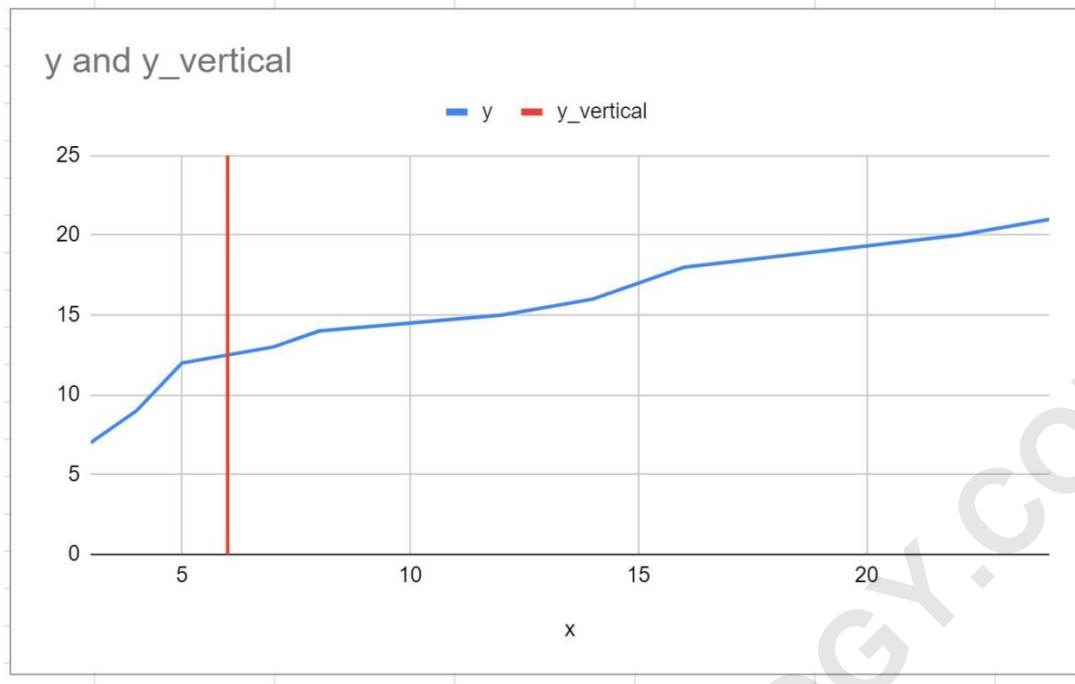
	A	B	C	D
1	x	y	y_vertical	
2		3	7	
3		4	9	
4		5	12	
5		7	13	
6		8	14	
7		12	15	
8		14	16	
9		16	18	
10		22	20	
11		24	21	
12		6		0
13		6		25
14				
15				
16				
17				
18				
19				

Step 3: Create Line Chart with Vertical Line

Lastly, we can highlight the cells in the range A1:C13, then click the Insert tab along the top ribbon, then click Chart:



The following line chart will be automatically be created:

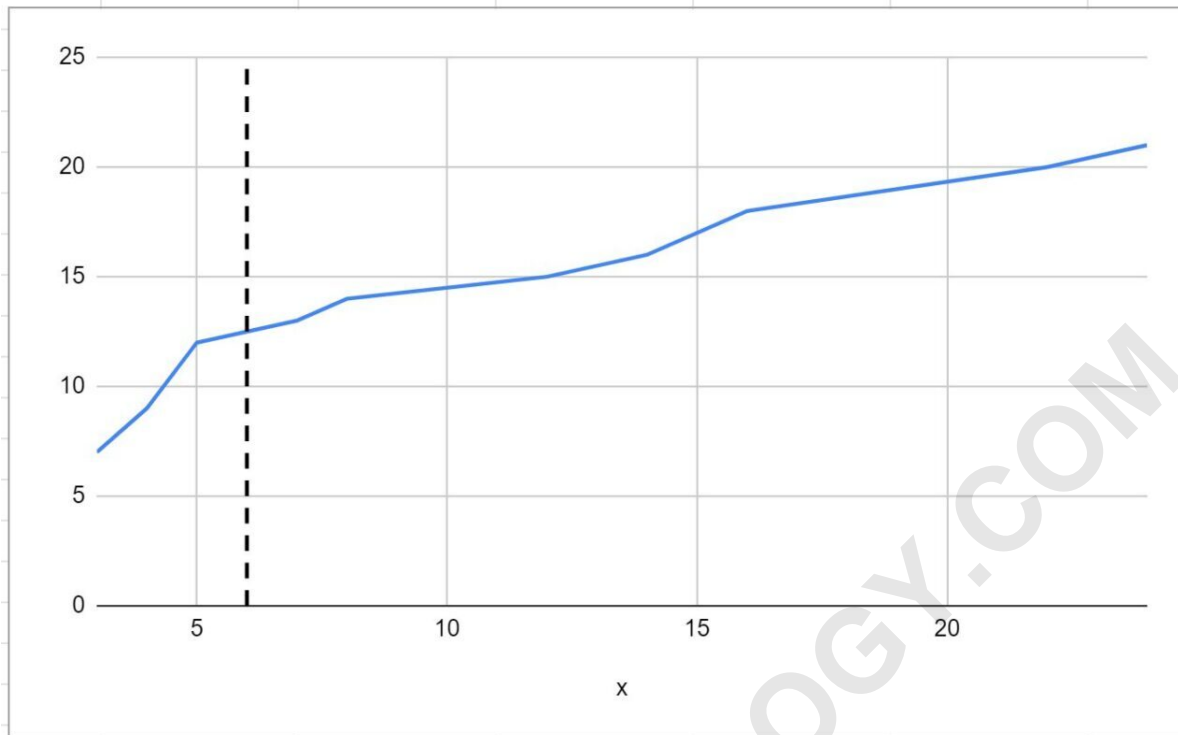


Notice that the vertical line is located at $x = 6$, which we specified at the end of our original dataset.

The vertical line ranges from $y = 0$ to $y = 25$, which we also specified in our original dataset.

Step 4: Customize the Chart (Optional)

Feel free to double click on the vertical line to customize the color and style to make it more aesthetically pleasing:



Additional Resources