

How do I create a Quadrant Chart in Google Sheets?

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RECOMMENDED CITATION

stats writer (2024). *How do I create a Quadrant Chart in Google Sheets?*.

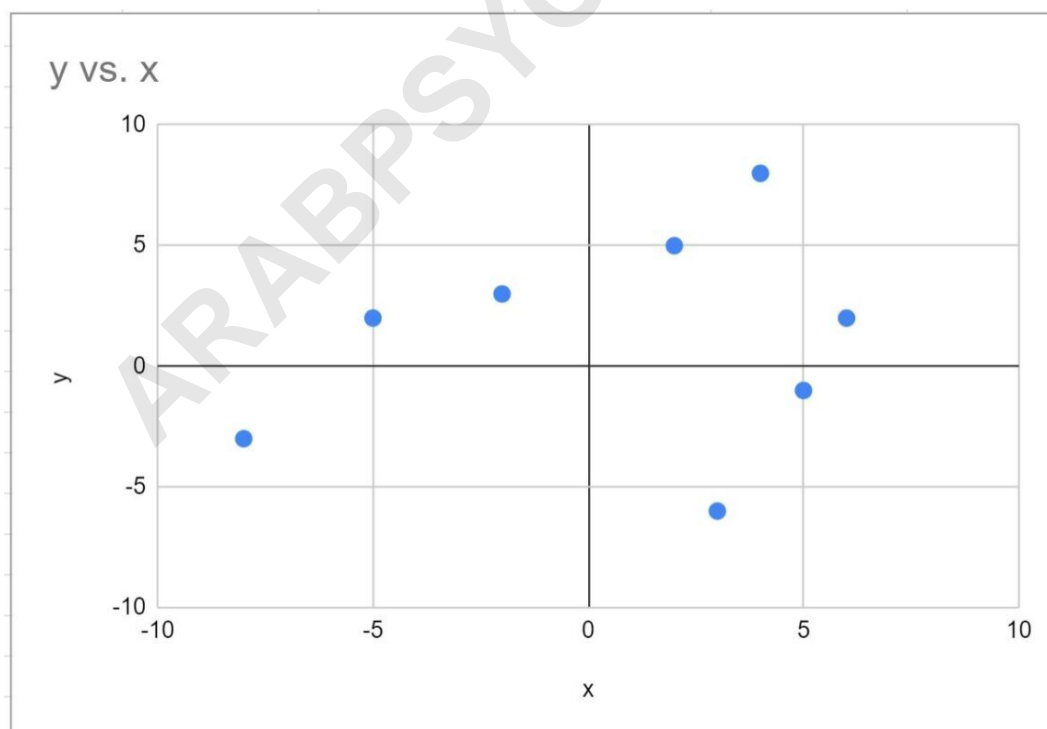
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=161708>

Creating a Quadrant Chart in Google Sheets involves using the built-in chart tool to plot data points on a four-quadrant graph. This can be done by selecting the data range, choosing the chart type as "Scatter Chart," and then customizing the chart to add horizontal and vertical lines to divide it into four quadrants. The data points can then be placed in their respective quadrants based on their values. This chart is useful for visually analyzing and comparing data points based on two variables.

Create a Quadrant Chart in Google Sheets

A quadrant chart is a type of chart that allows you to visualize points on a scatter plot in four distinct quadrants.

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



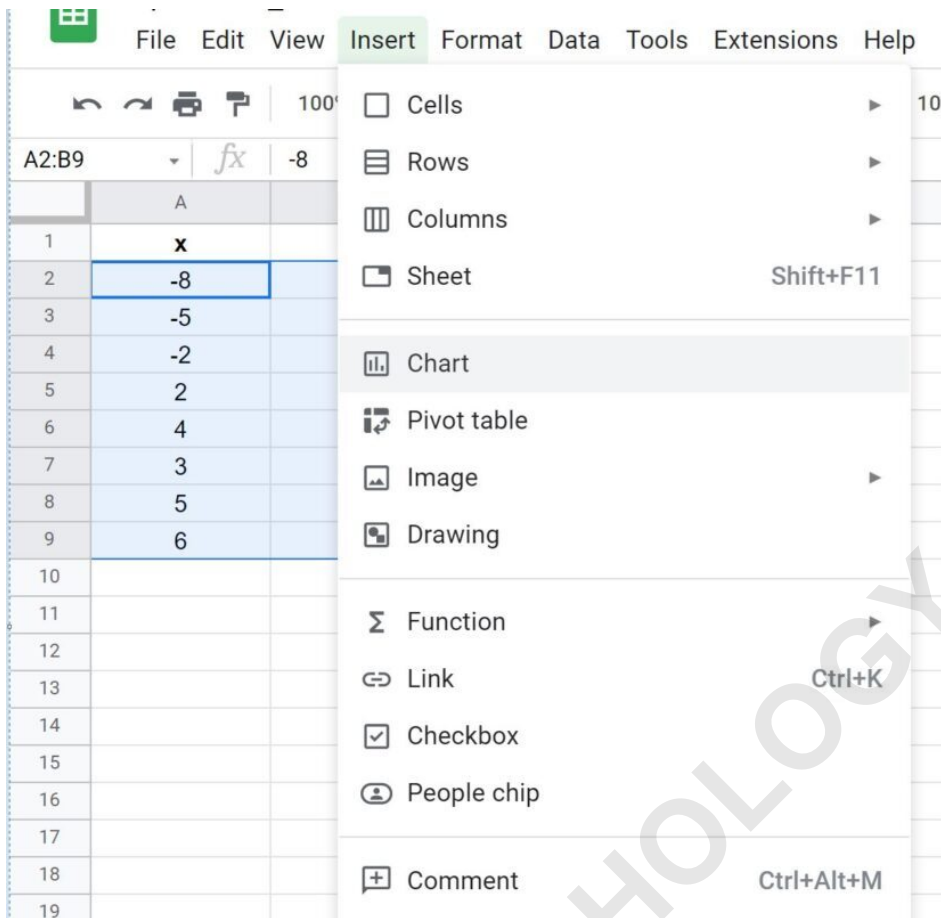
Step 1: Create the Data

First, let's enter the following dataset of x and y values in Google Sheets:

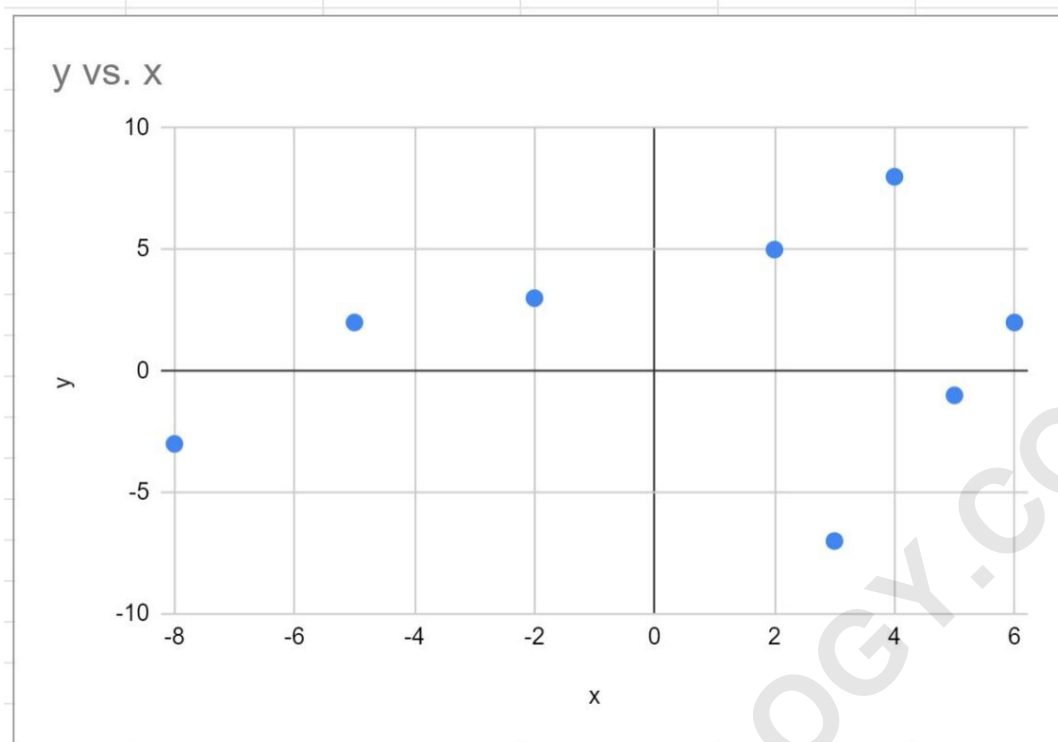
	A	B	C	D
1	x	y		
2	-8	-3		
3	-5	2		
4	-2	3		
5	2	5		
6	4	8		
7	3	-7		
8	5	-1		
9	6	2		
10				
11				
12				
13				
14				
15				

Step 2: Create a Scatter Plot

Next, highlight the cells in the range A2:B9, then click the Insert tab, then click Chart:



Google Sheets will automatically insert the following scatter plot:



Step 3: Create the Quadrant Chart

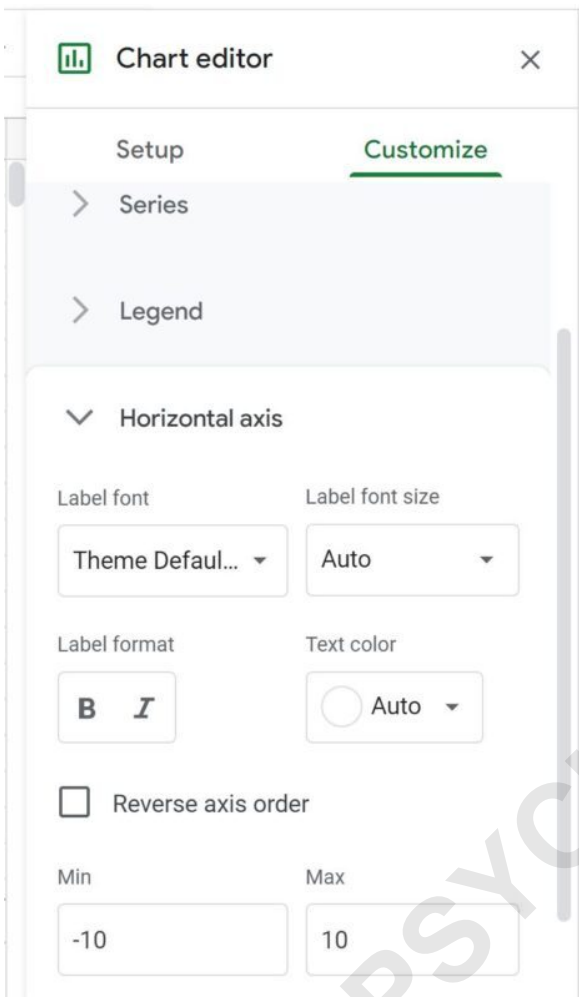
Notice that the x-axis of the scatter plot ranges from -8 to 6 and the y-axis ranges from -10 to 10.

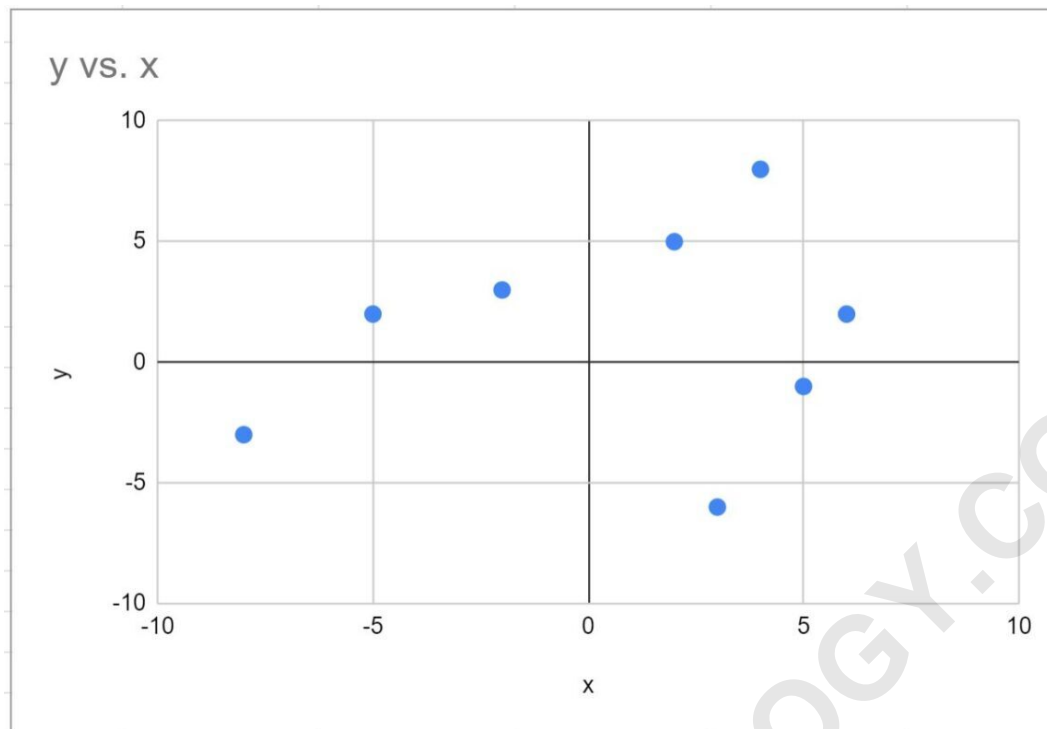
However, a quadrant chart requires that each axis has the same range.

To change the range of the x-axis, double click anywhere on the chart.

In the Chart editor panel that appears on the right side of the screen, click the Customize tab, then click Horizontal axis, then change the Min and Max values to

-10 and 10:





There are now four distinct quadrants in the chart that are each the same size and each point in the chart falls in one of the distinct quadrants.

Additional Resources

The following tutorials explain how to create other common visualizations in Google Sheets: