

how to add labels to scatterplot points in Excel?

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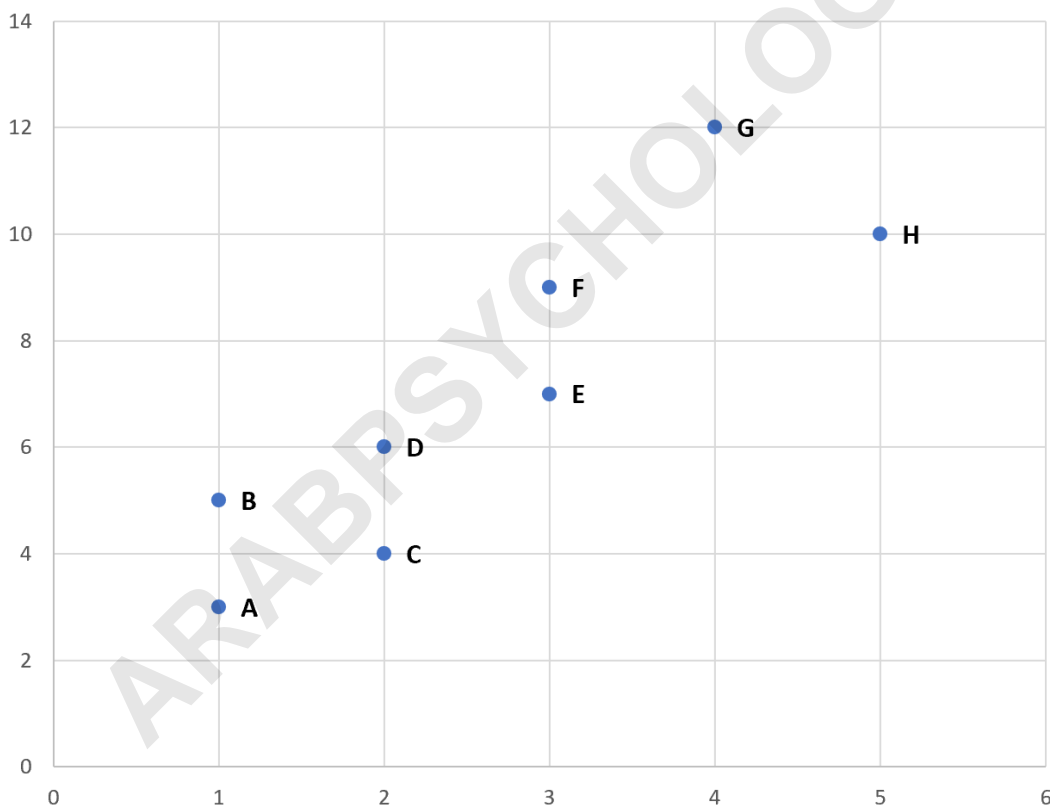
RECOMMENDED CITATION

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The process of adding labels to scatterplot points in Excel involves using the "Add Data Labels" function. This function allows users to label individual data points within a scatterplot, providing a visual representation of the data. To utilize this feature, users must first select the data points they wish to label, then click on the "Add Data Labels" option in the Chart Tools tab. From there, users can customize the labels by changing the font, size, and format. This feature is particularly useful for presenting and organizing data in a clear and concise manner.

Add Labels to Scatterplot Points in Excel

Often you may want to add labels to scatterplot points in Excel, such as in the scatterplot below:



Fortunately this is fairly easy to do in Excel and the following step-by-step example shows exactly how.

Step 1: Create the Data

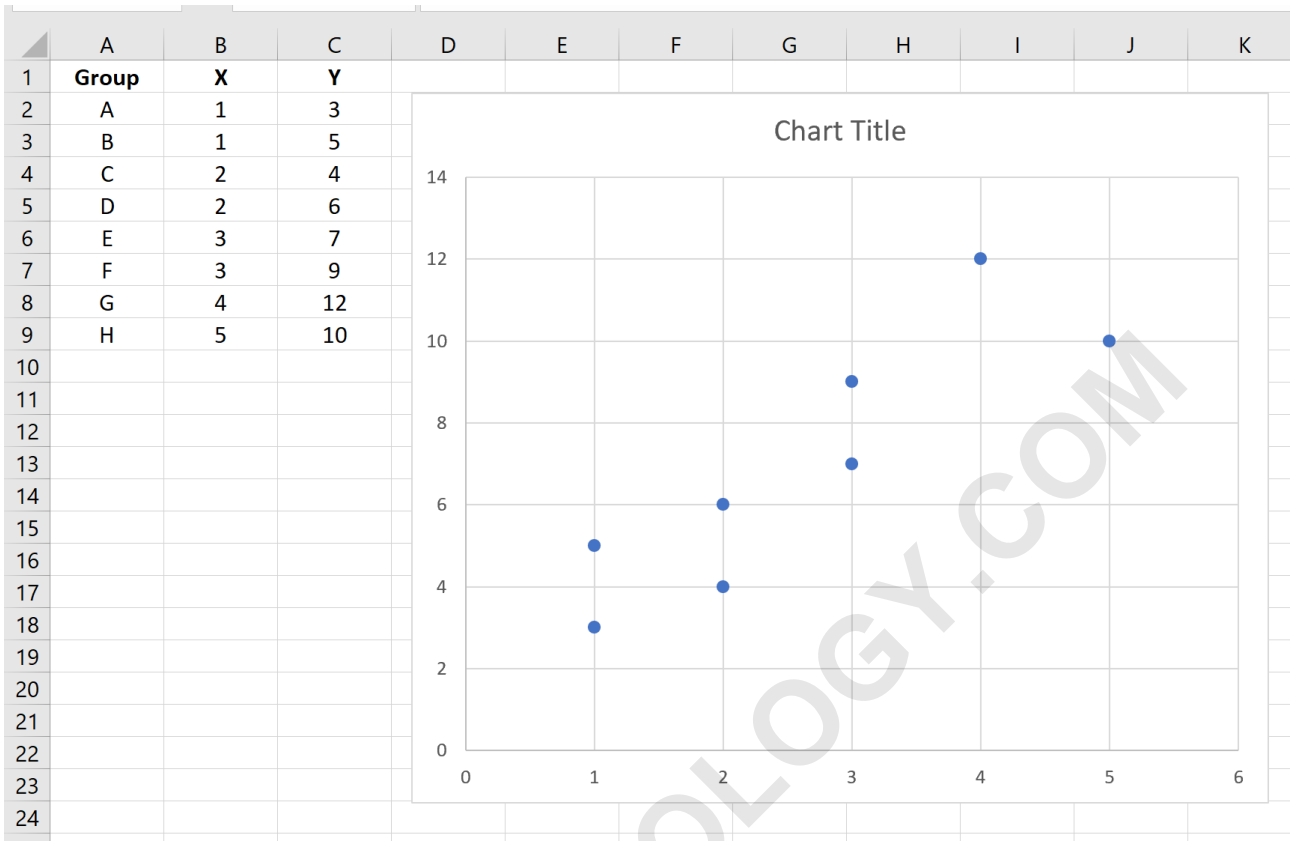
First, let's create the following dataset that shows (X, Y) coordinates for eight different groups:

	A	B	C	D	E	F	G	H	I
1	Group	X	Y						
2	A	1	3						
3	B	1	5						
4	C	2	4						
5	D	2	6						
6	E	3	7						
7	F	3	9						
8	G	4	12						
9	H	5	10						
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Step 2: Create the Scatterplot

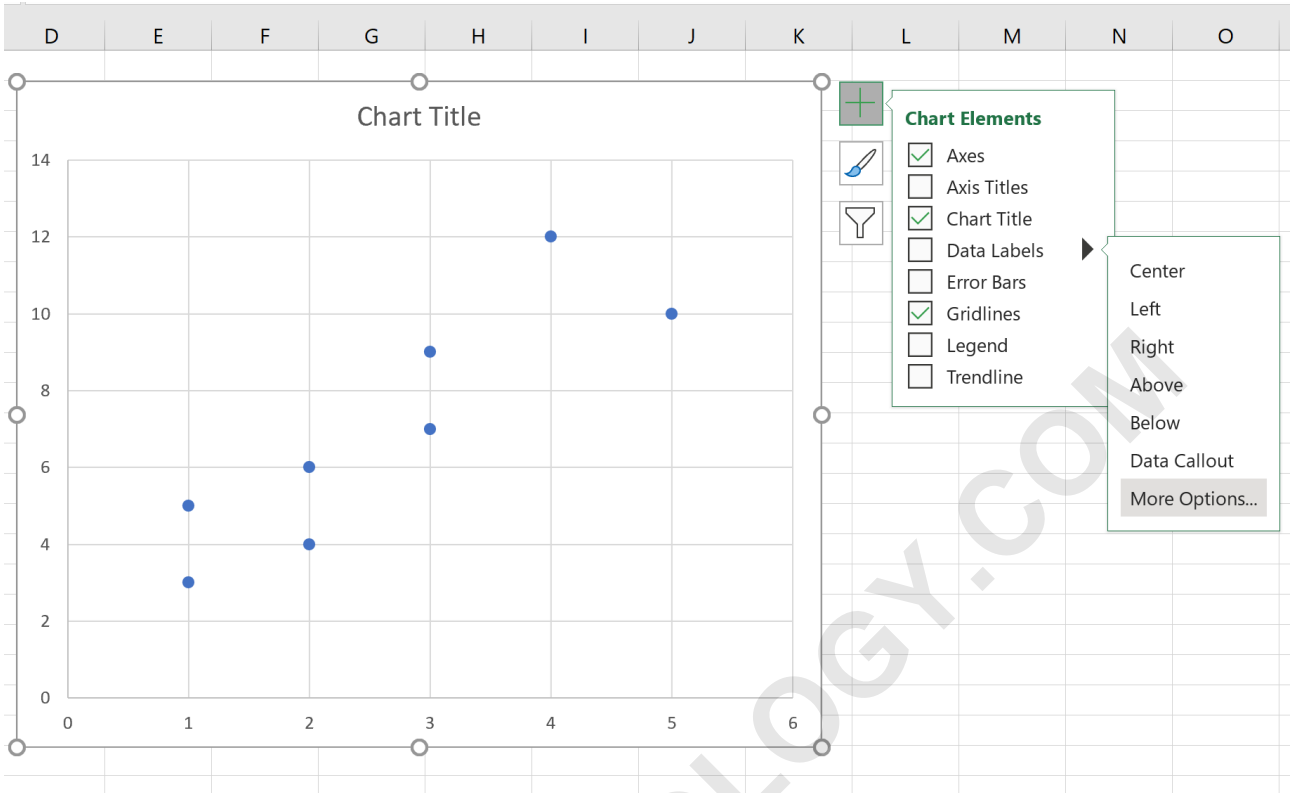
Next, highlight the cells in the range B2:C9. Then, click the Insert tab along the top ribbon and click the Insert Scatter (X,Y) option in the Charts group.

The following scatterplot will appear:



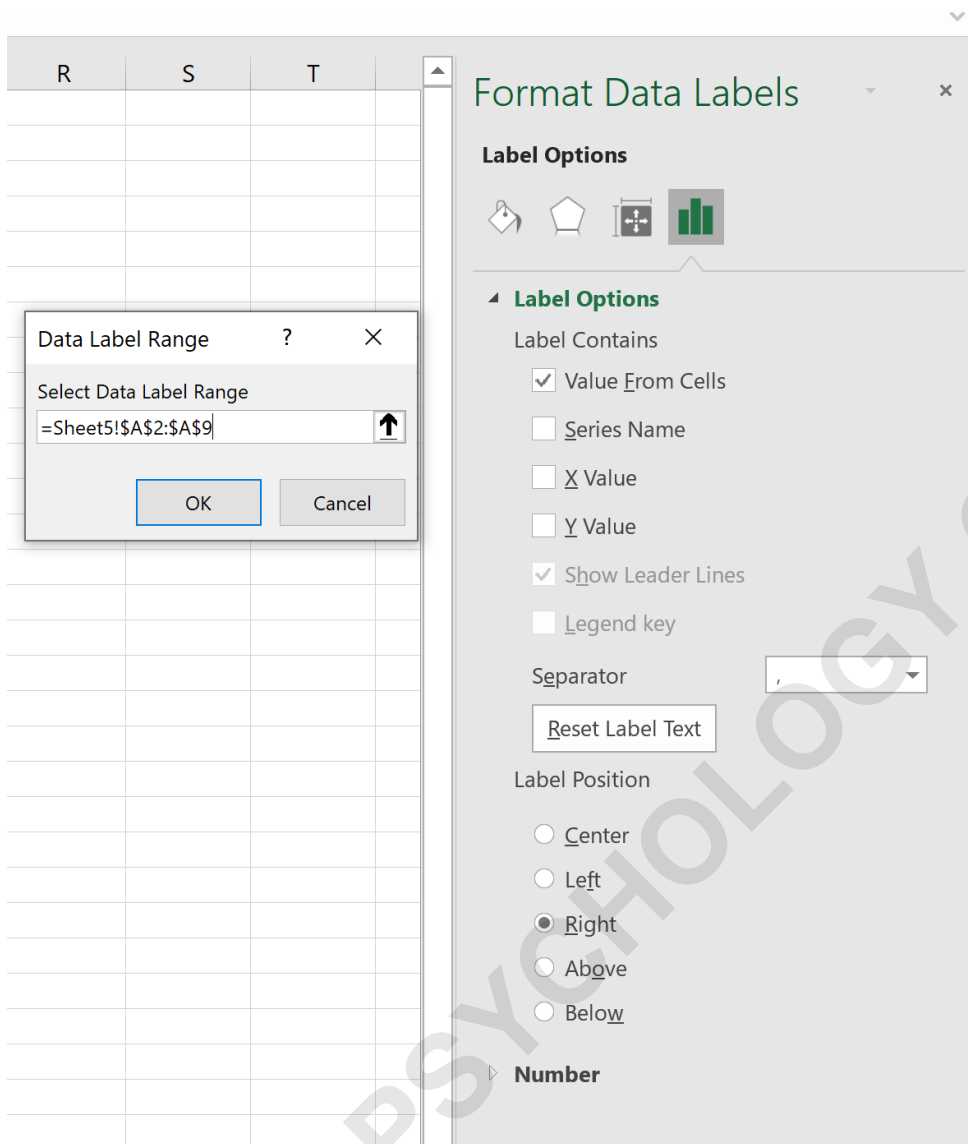
Step 3: Add Labels to Points

Next, click anywhere on the chart until a green plus (+) sign appears in the top right corner. Then click Data Labels, then click More Options...

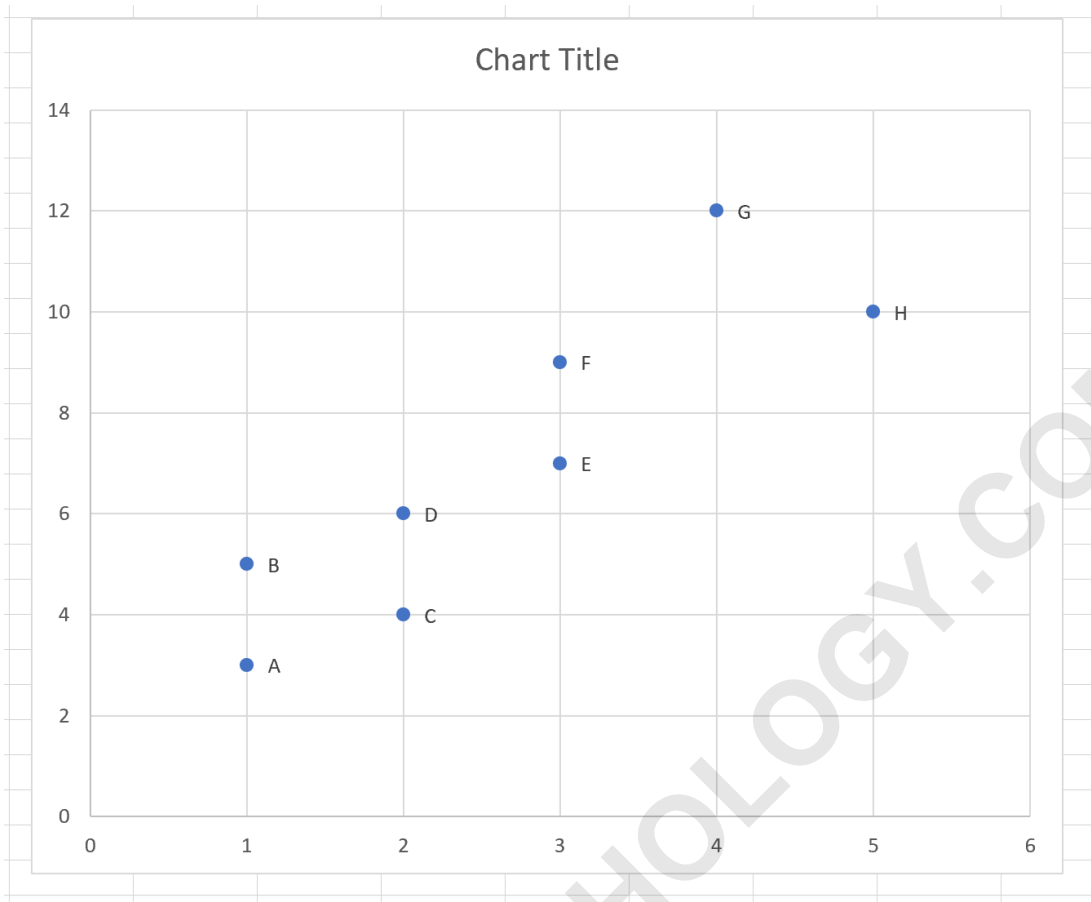


In the Format Data Labels window that appears on the right of the screen, uncheck the box next to Y Value and check the box next to Value From Cells.

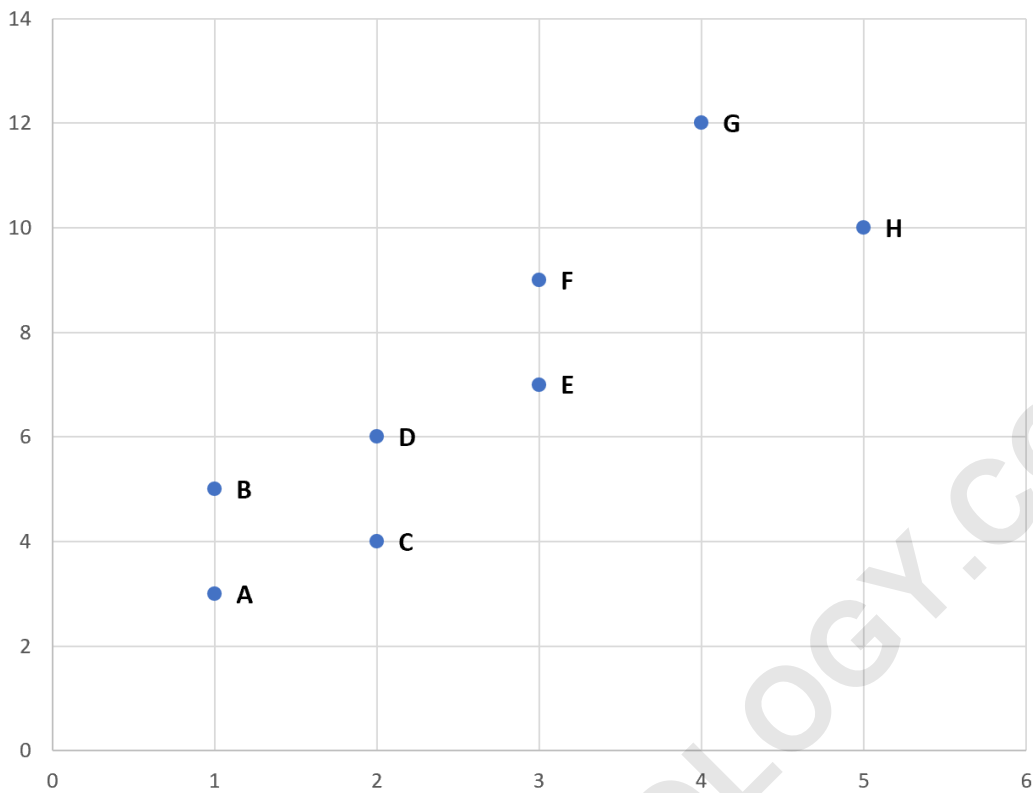
In the window that appears, choose A2:A9 as the Data Label Range:



Once you click OK, the following labels will automatically appear next to the scatterplot points:



Feel free to click on the labels to modify their style or increase their font size:



The following tutorials explain how to perform other common functions with scatterplots in Excel: