

How can I add total values to a stacked bar chart in Excel?

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RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=156030>

To add total values to a stacked bar chart in Excel, follow these steps:

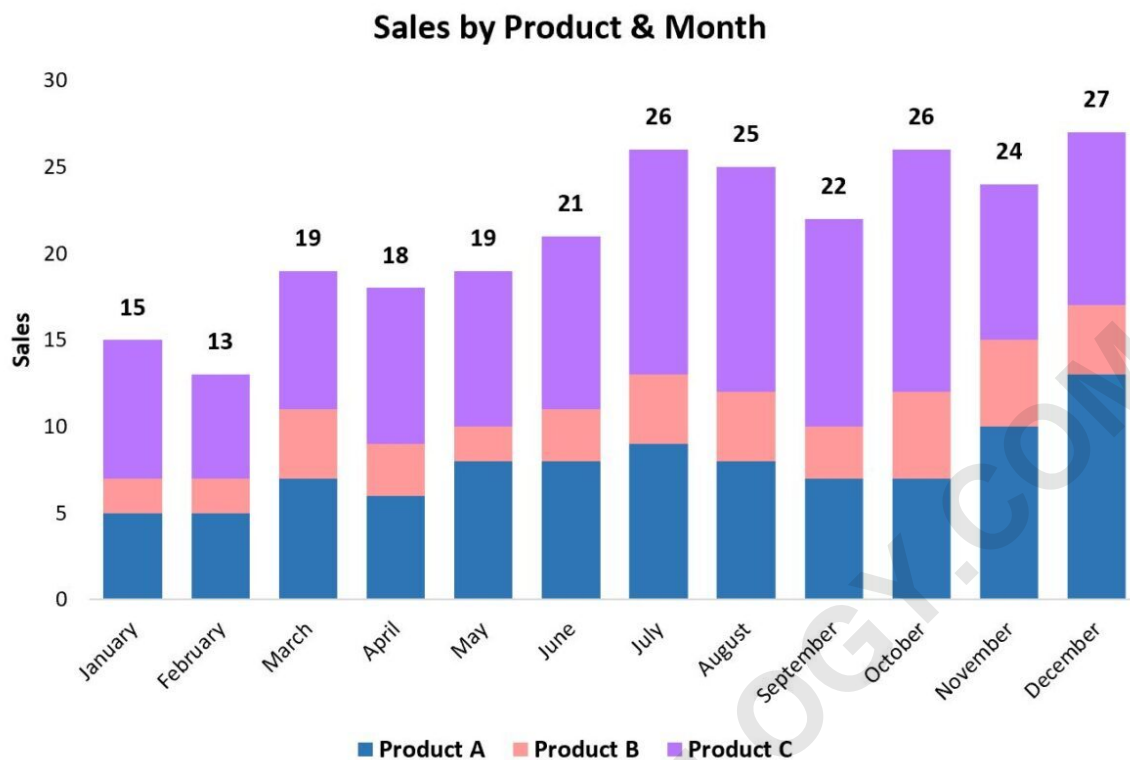
1. Select the stacked bar chart in your Excel worksheet.
2. Click on the "Chart Design" tab in the toolbar.
3. In the "Chart Layouts" section, click on the drop-down arrow next to "Add Chart Element."
4. Select "Data Labels" and then "Center."
5. The total values for each stacked bar will now appear in the center of the bar.
6. To customize the total values, right-click on one of the labels and select "Format Data Labels."
7. From here, you can change the formatting and positioning of the total values.

By following these steps, you can easily add total values to a stacked bar chart in Excel for a clearer representation of the data.

Add Total Values to Stacked Bar Chart in Excel

Occasionally you may want to add a total value at the top of each bar in a stacked bar chart in Excel.

This tutorial provides a step-by-step example of how to create the following stacked bar chart with a total value at the top of each bar:



Let's jump in!

Step 1: Enter the Data

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

	A	B	C	D	E	F
1	Month	Product A	Product B	Product C		
2	January	5	2	8		
3	February	5	2	6		
4	March	7	4	8		
5	April	6	3	9		
6	May	8	2	9		
7	June	8	3	10		
8	July	9	4	13		
9	August	8	4	13		
10	September	7	3	12		
11	October	7	5	14		
12	November	10	5	9		
13	December	13	4	10		
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Step 2: Calculate the Total Values

Next, we'll use the following formula to calculate the total sales per month:

=SUM(B2:E2)

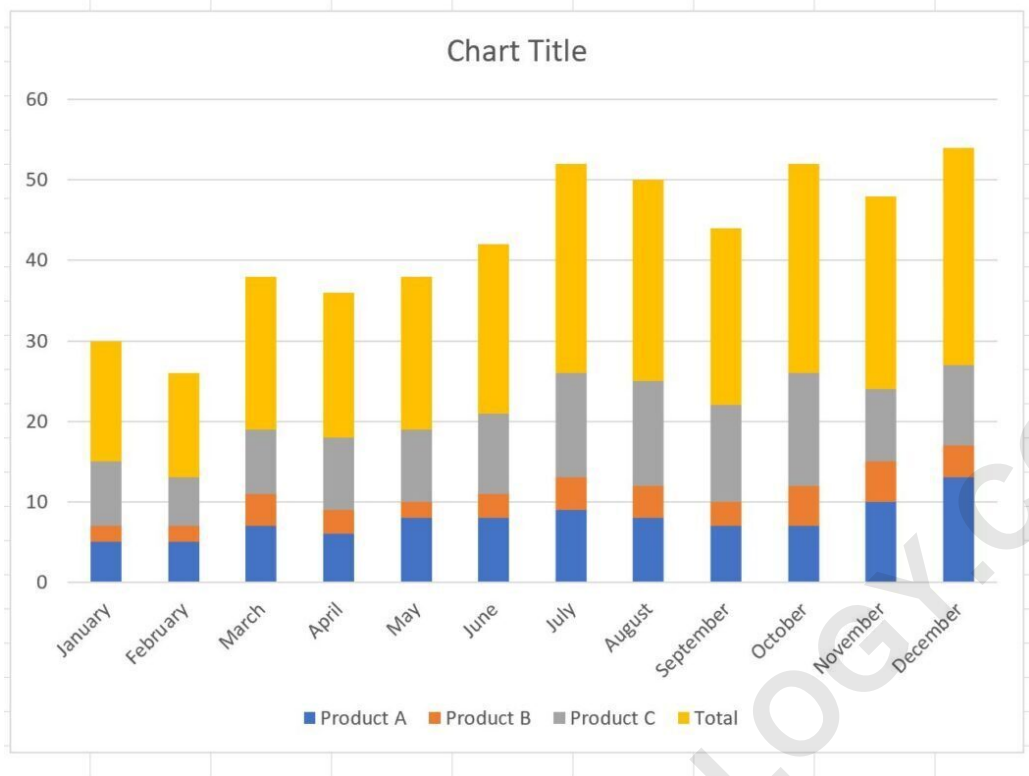
We can type this formula into cell E2 and then copy and paste it to every remaining cell in column E:

	A	B	C	D	E	F
1	Month	Product A	Product B	Product C	Total	
2	January	5	2	8	15	
3	February	5	2	6	13	
4	March	7	4	8	19	
5	April	6	3	9	18	
6	May	8	2	9	19	
7	June	8	3	10	21	
8	July	9	4	13	26	
9	August	8	4	13	25	
10	September	7	3	12	22	
11	October	7	5	14	26	
12	November	10	5	9	24	
13	December	13	4	10	27	
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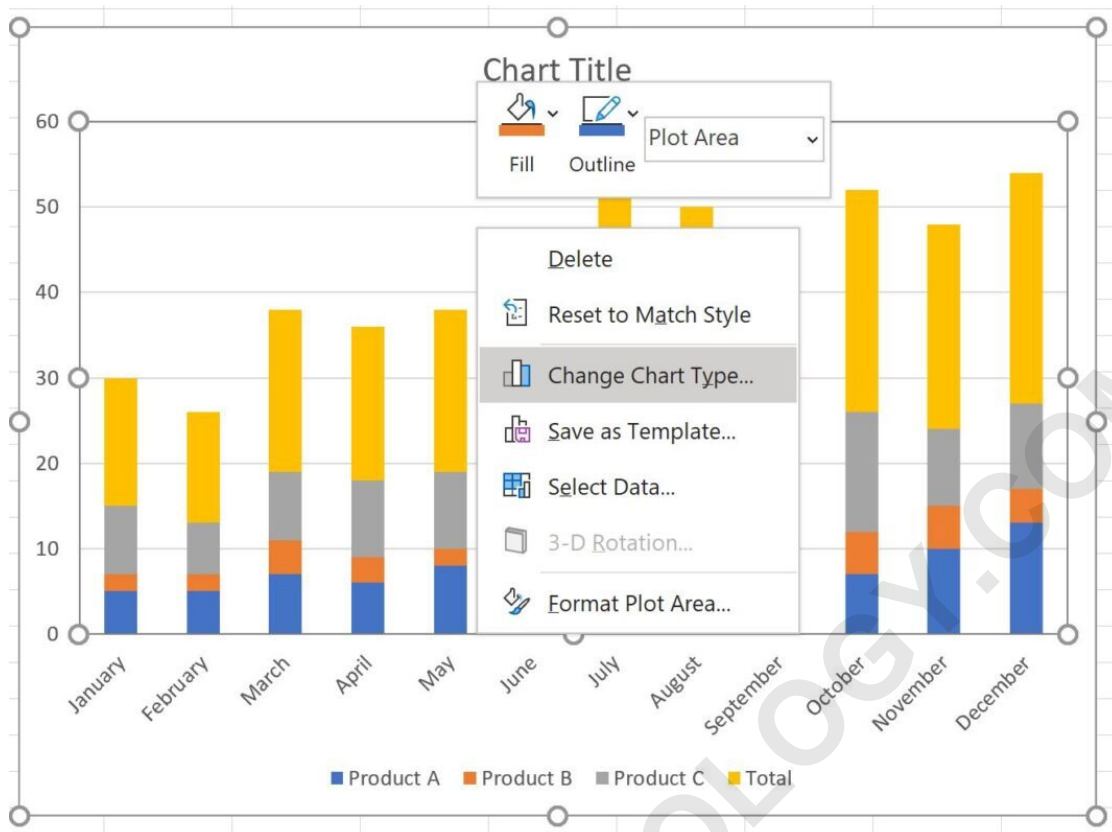
Step 3: Create Stacked Bar Chart

Next, highlight the cell range A1:E13, then click the Insert tab along the top ribbon, then click Stacked Column within the Charts group.

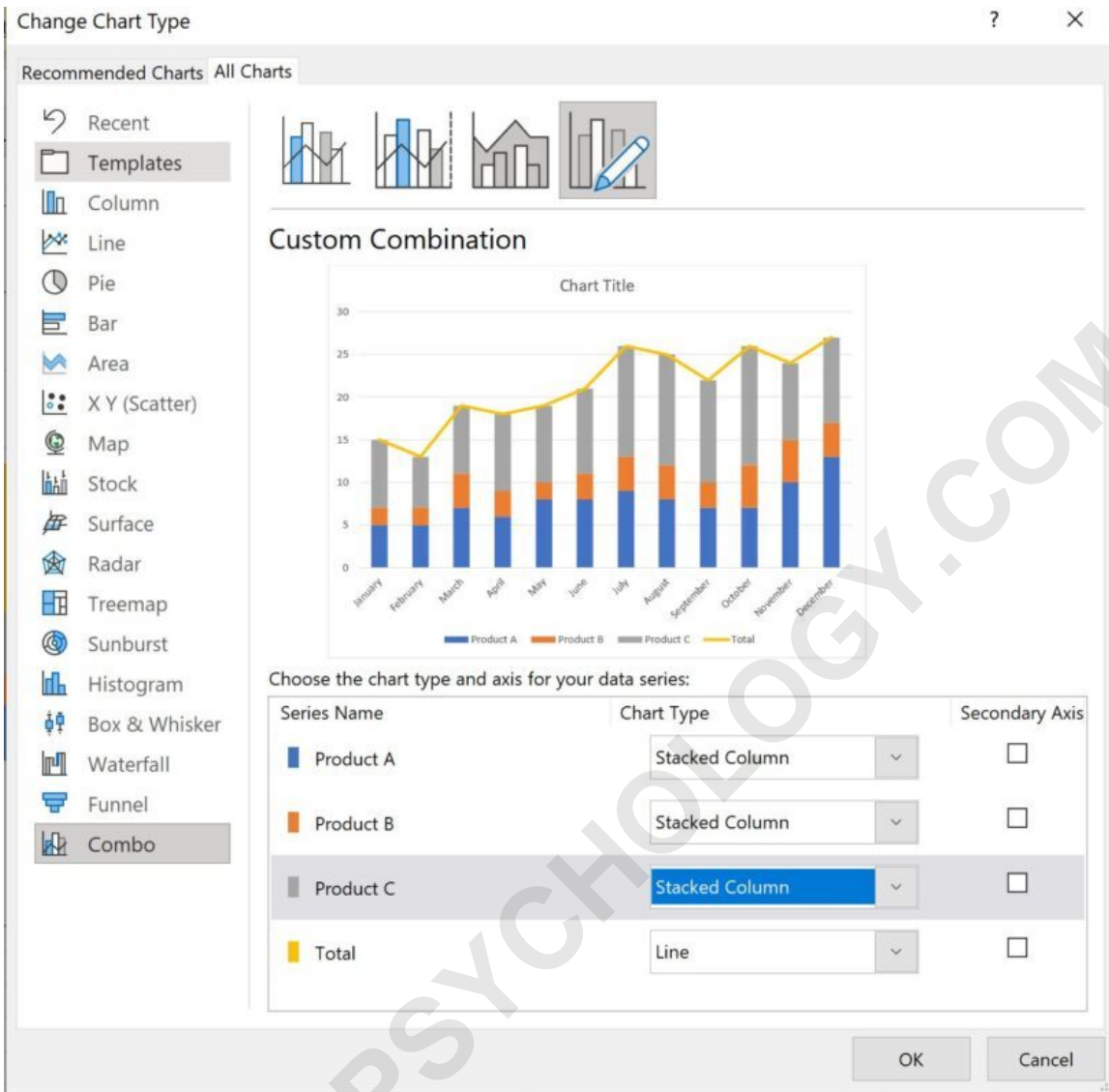
The following chart will be created:



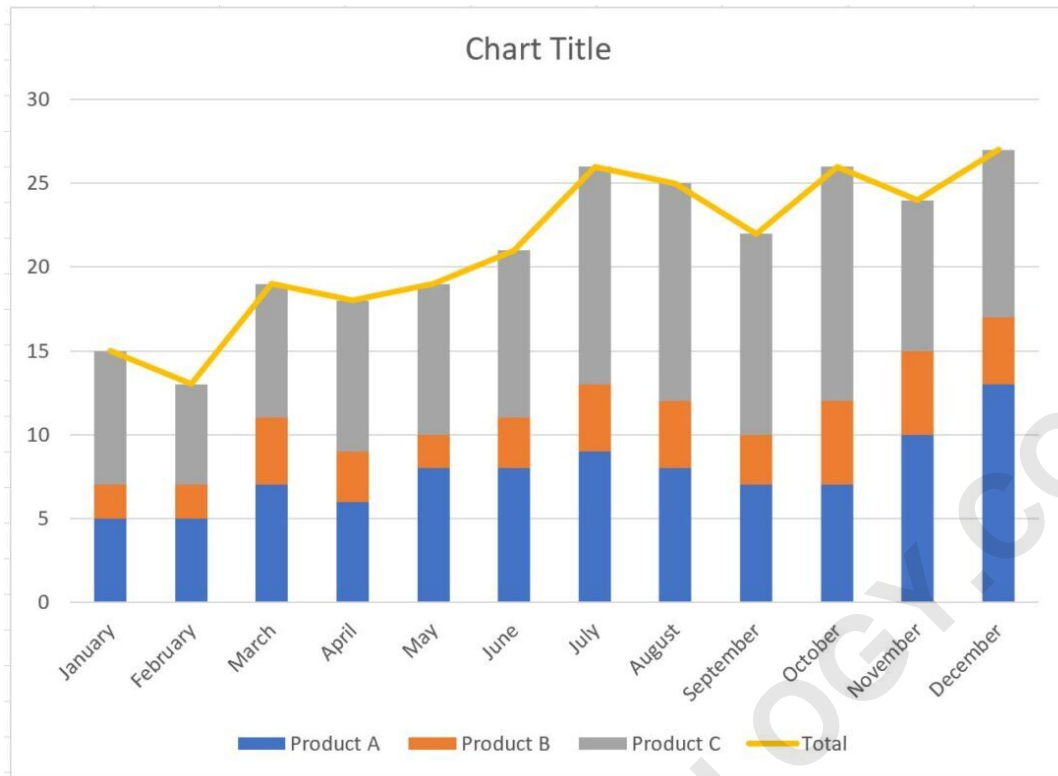
Next, right click anywhere on the chart and then click Change Chart Type:



In the new window that appears, click Combo and then choose Stacked Column for each of the products and choose Line for the Total, then click OK:



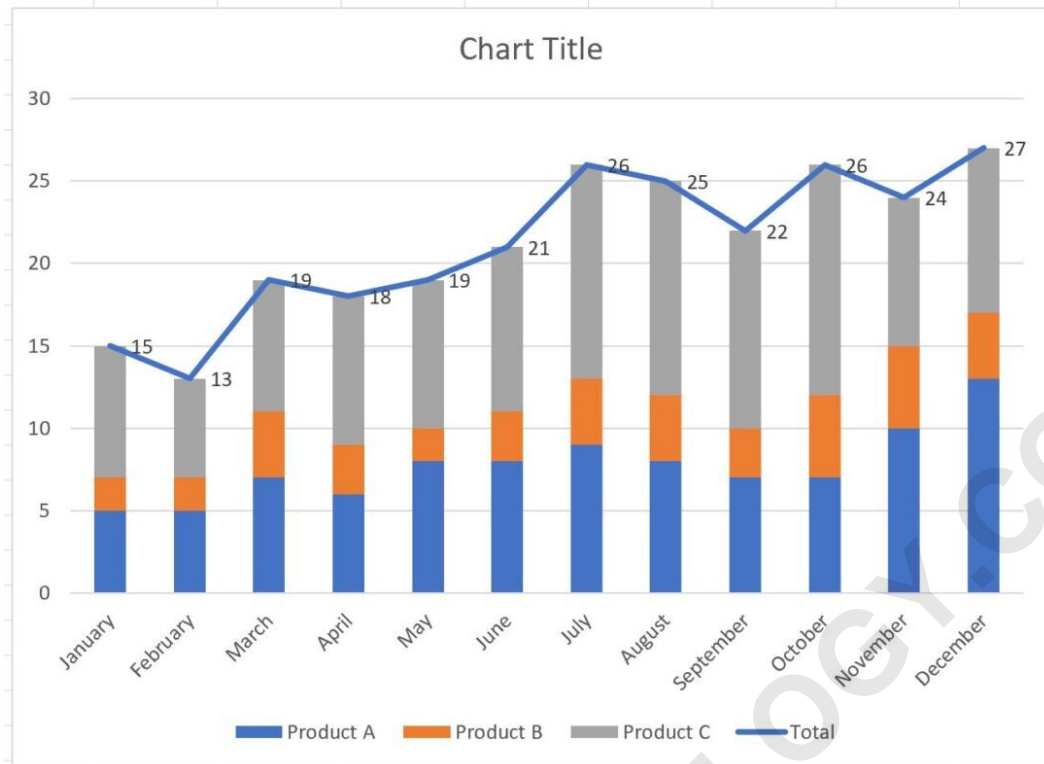
The following chart will be created:



Step 4: Add Total Values

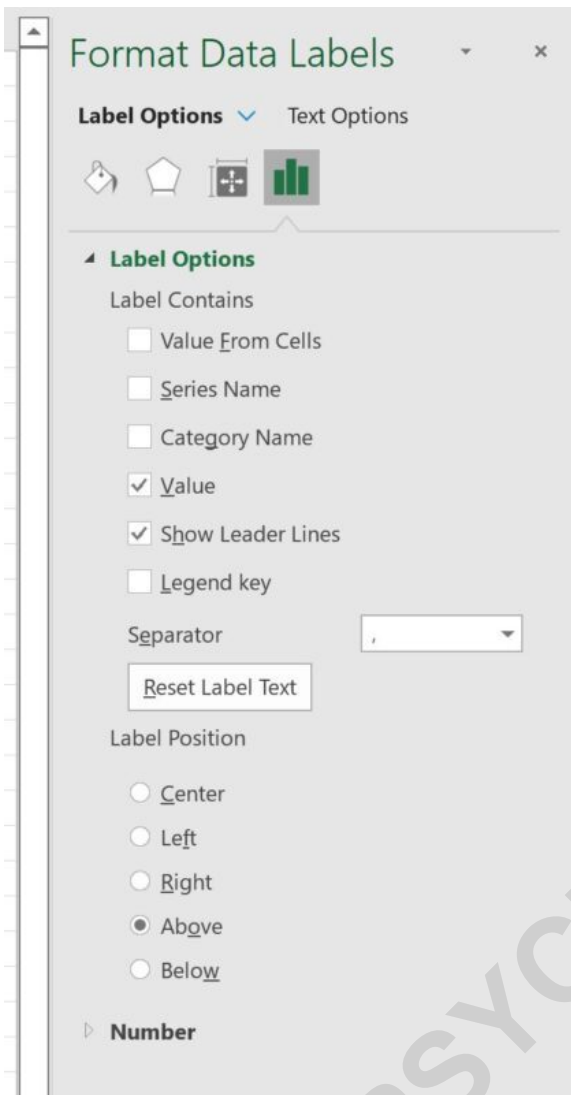
Next, right click on the yellow line and click **Add Data Labels**.

The following labels will appear:



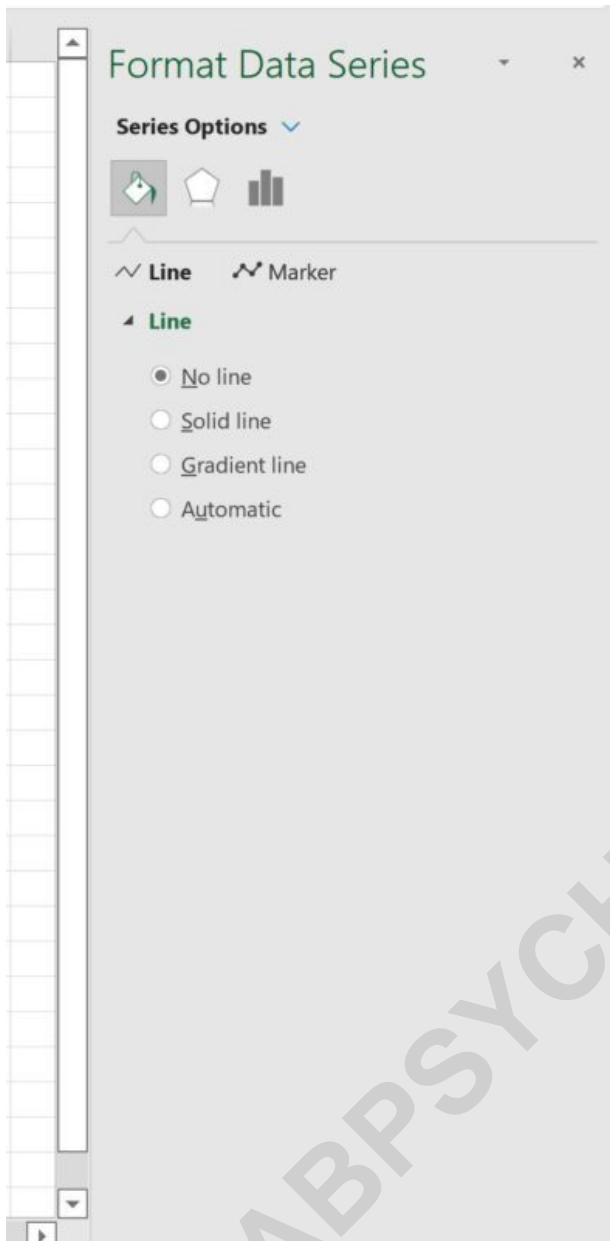
Next, double click on any of the labels.

In the new panel that appears, check the button next to Above for the Label Position:

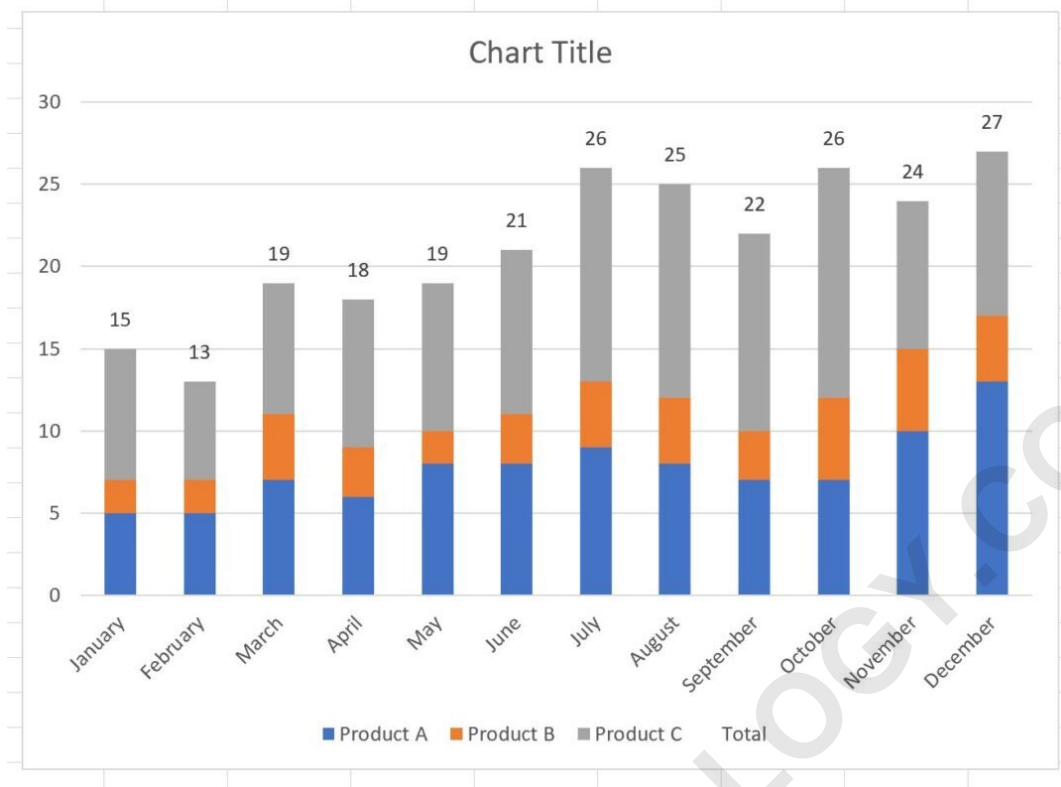


Next, double click on the yellow line in the chart.

In the new panel that appears, check the button next to No line:

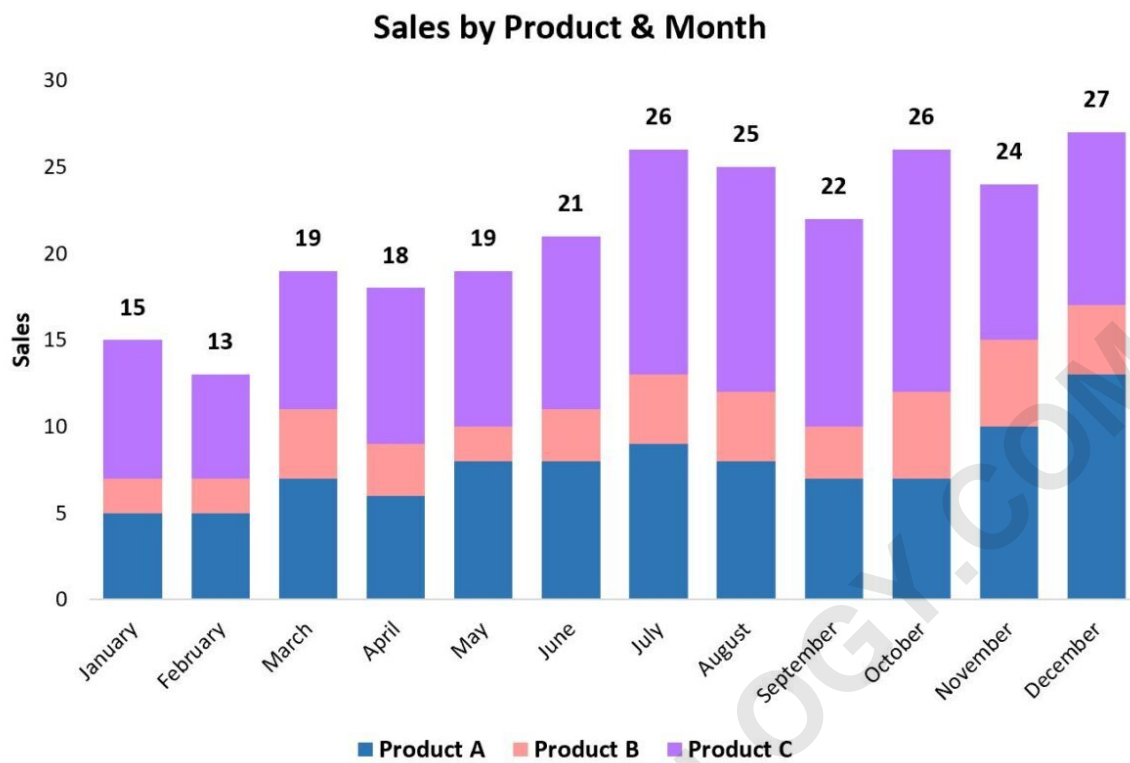


The line will be removed from the chart, but the total values will remain:



Step 5: Customize the Chart (Optional)

Feel free to add a title, customize the colors, and adjust the width of the bars to make the plot more aesthetically pleasing:



Additional Resources

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