How can I create a double line graph in Excel?

Authored by

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RECOMMENDED CITATION

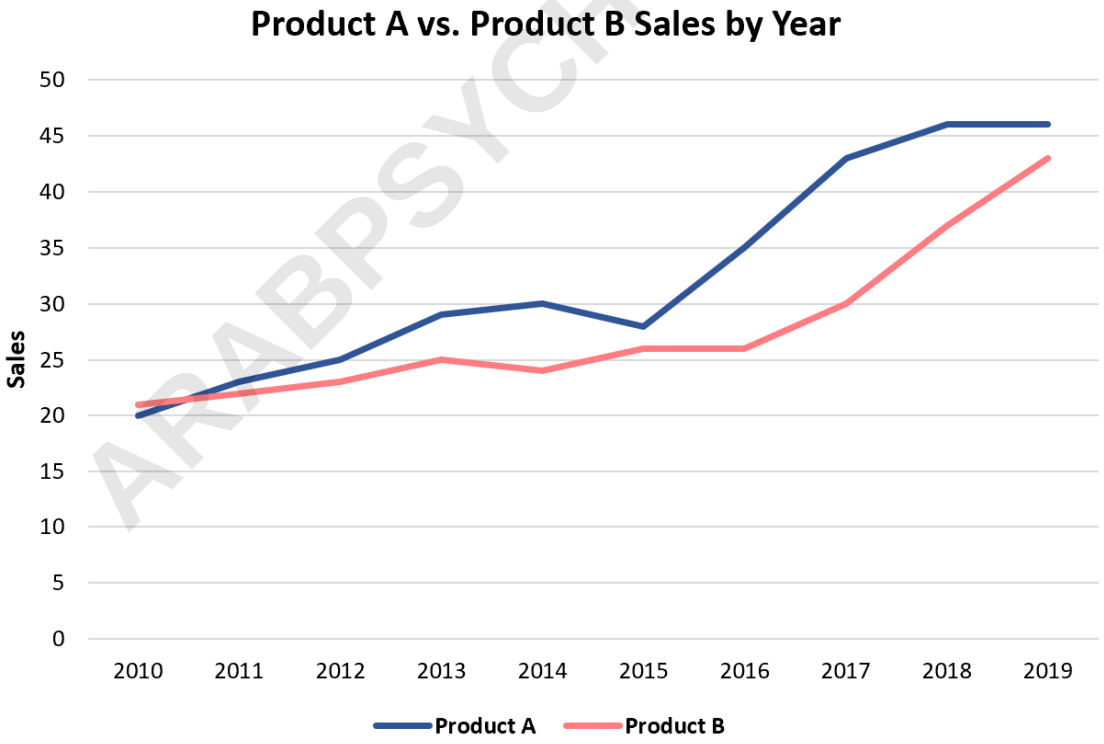
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Creating a double line graph in Excel involves using the chart feature to plot two sets of data points on the same graph. This can be done by selecting the data, choosing the appropriate chart type, and customizing the design and layout options. The resulting graph will display two lines, each representing a different data set, allowing for easy comparison and analysis. With Excel's user-friendly interface and various customization options, creating a double line graph is a simple and effective way to visually represent and interpret data.

Create a Double Line Graph in Excel

Often you may want to plot two lines in the same graph in Excel to compare two different groups over time.

For example, you may want to compare the sales of two different products over the same time period:



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The following step-by-step example shows exactly how

to create this type of graph in Excel.

Step 1: Enter the Data

First, let's create the following dataset that contains information about the total sales of two different products during ten consecutive years:

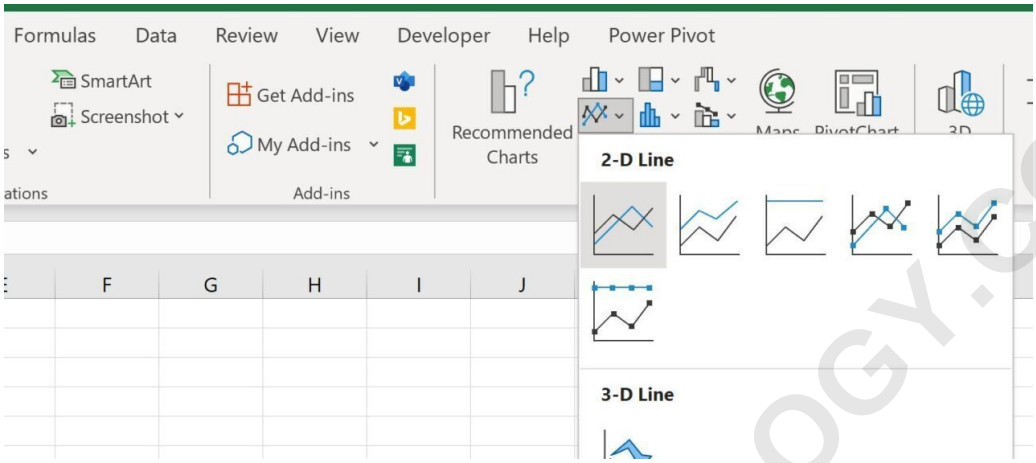
	A	B	C	D	E
1	**Year**	**Product A**	**Product B**		
2	2010	20	21		
3	2011	23	22		
4	2012	25	23		
5	2013	29	25		
6	2014	30	24		
7	2015	28	26		
8	2016	35	26		
9	2017	43	30		
10	2018	46	37		
11	2019	46	43		
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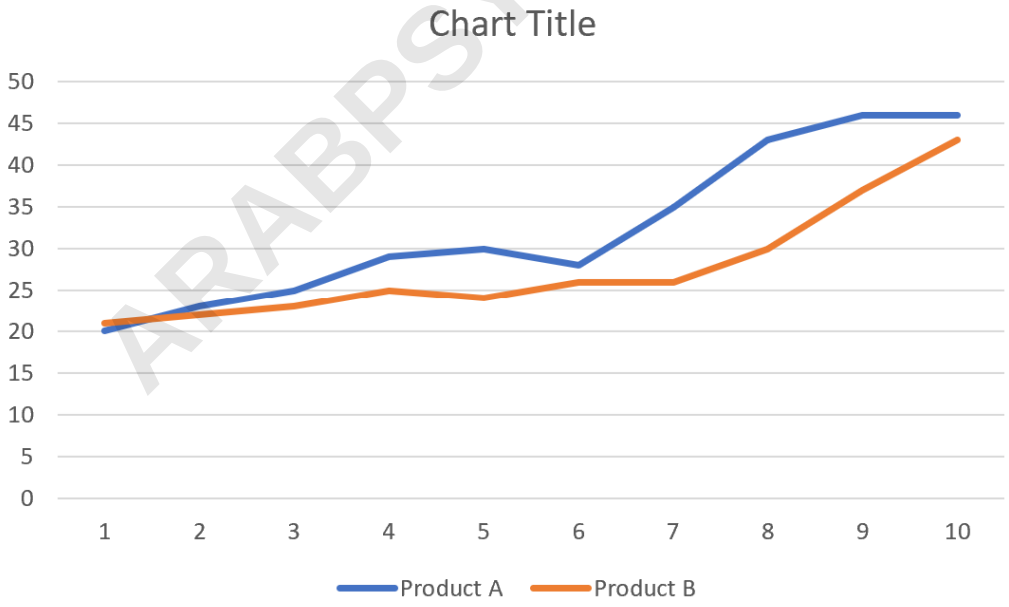
Step 2: Insert the Line Chart

Suppose we would like to create a double line chart to visualize the sales of each product over the 10-year period.

To do so, highlight the cells in the range B1:C11, then click the Insert tab along the top ribbon, then click the first Line chart icon within the Charts group:



The following line chart will appear:



The blue line shows the sales each year for Product A

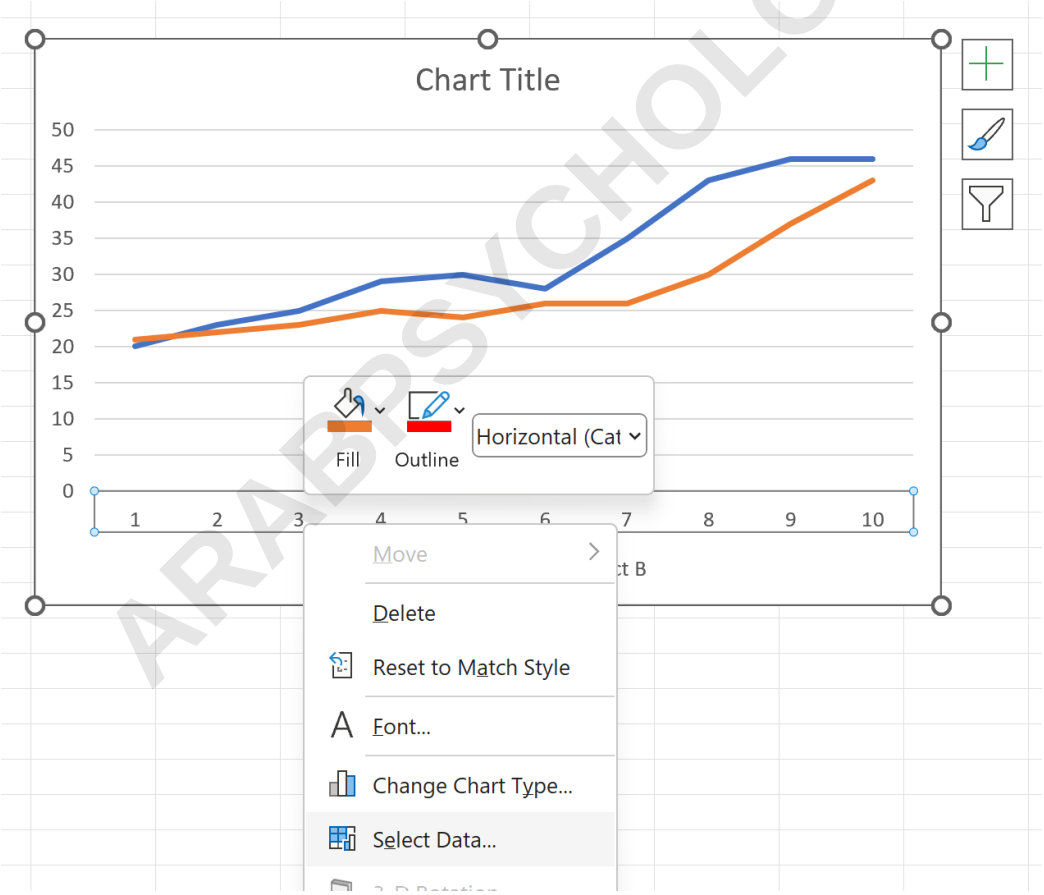
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and the orange line shows the sales each year for Product B.

Step 3: Customize the Axis Tick Marks

Currently the tick marks on the x-axis range from 1 to 10.

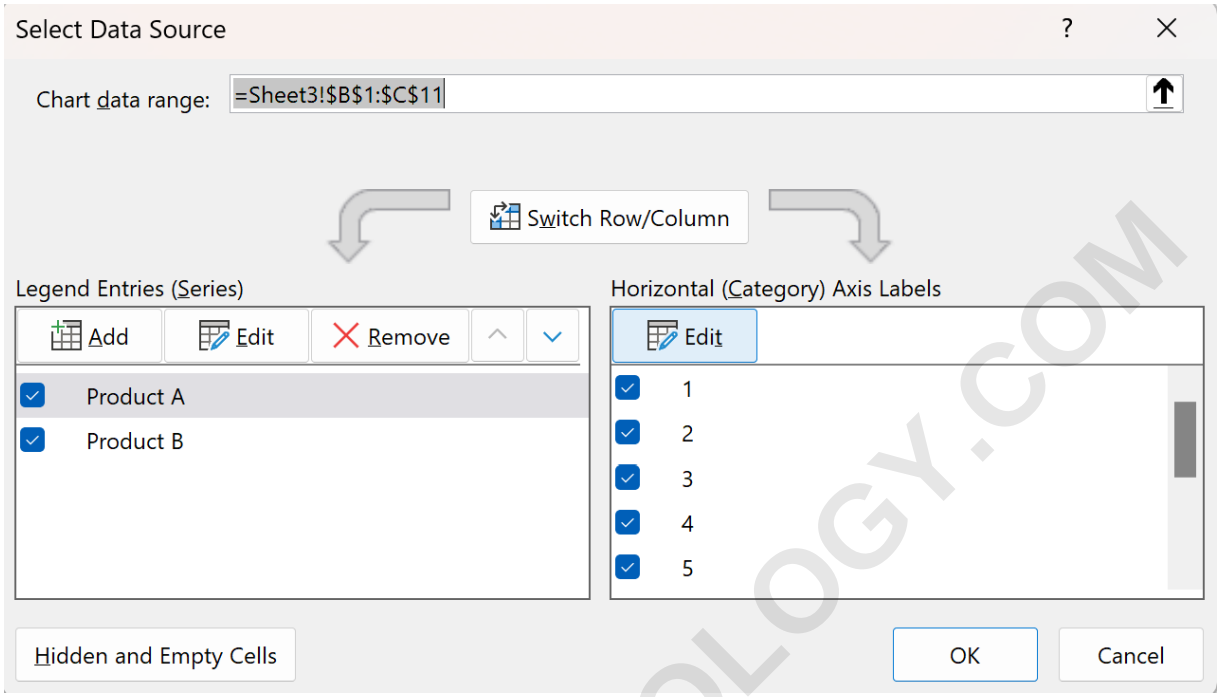
However, suppose we would like them to display the years from 2010 to 2019 instead.



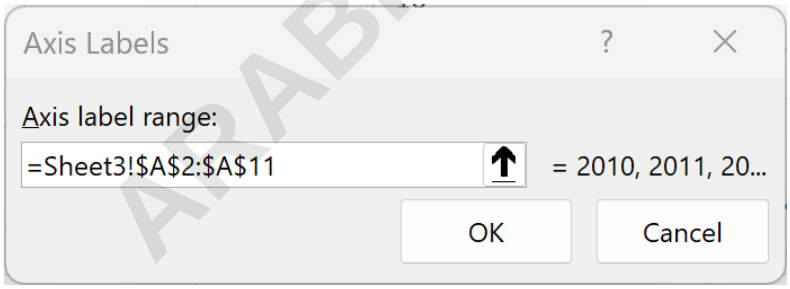
In the new window that appears, click the Edit button

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under Horizontal Axis Labels:

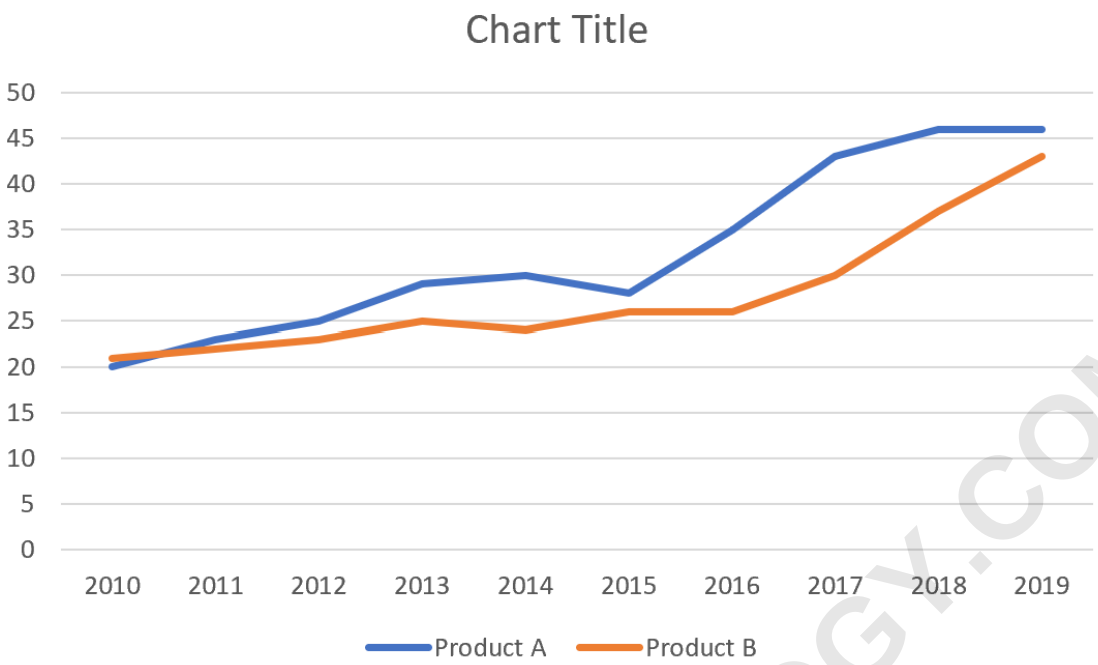


In the new window that appears, choose A2:A11 as the Axis Label Range, then click OK:



The x-axis on the chart will be updated to display the years ranging from 2010 to 2019:

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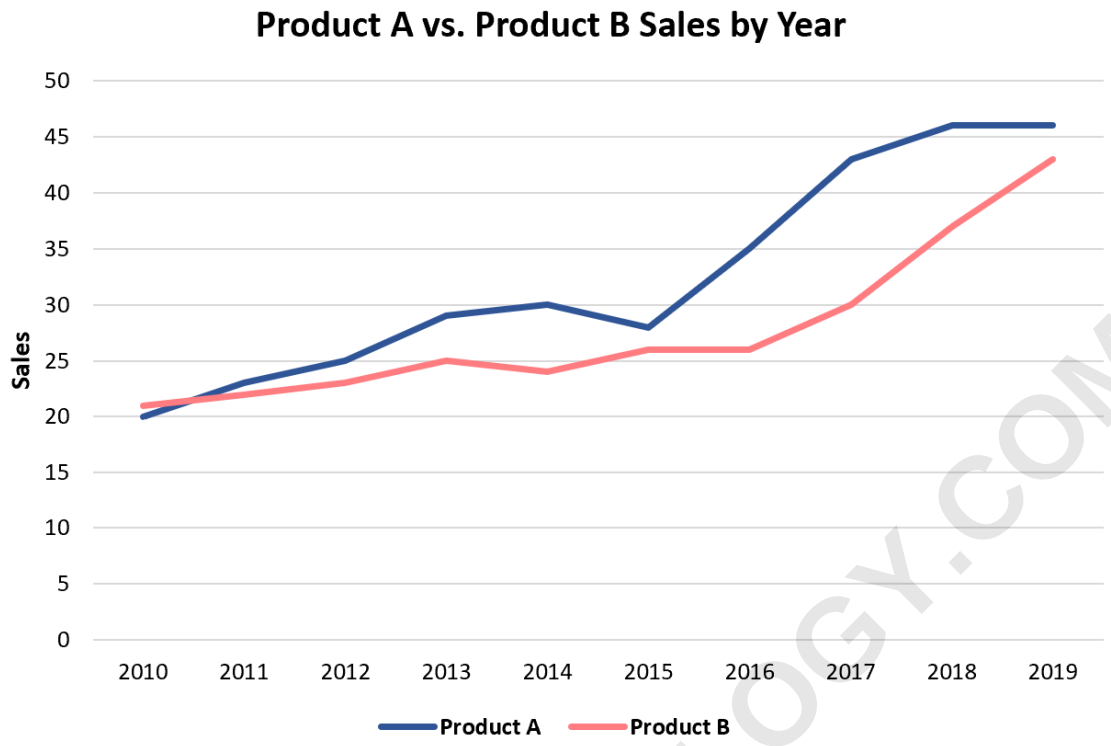


Step 4: Customize the Chart Appearance

Lastly, feel free to change the title and axis labels and click on the individual lines to change their colors.

Here is what the final chart could look like:

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