

How do I create a Pareto Chart in Google Sheets step-by-step?

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Creating a Pareto Chart in Google Sheets is a simple and effective way to visually represent the most significant factors impacting a given situation. To create a Pareto Chart in Google Sheets, follow these steps:

Step 1: Open a new Google Sheets document and enter your data in two columns: one for the categories or factors and another for their corresponding values.

Step 2: Highlight the data and go to the "Insert" tab, then click on "Chart."

Step 3: In the chart editor, select "Column" as the chart type and click on the "Switch rows/columns" button to ensure the correct data is being represented.

Step 4: Click on the "Customize" tab and select the "Series" option. From here, click on the "Treat labels as text" option and choose the column containing the categories or factors.

Step 5: Go to the "Customize" tab again and select the "Axis" option. Under "Vertical axis," choose "Right axis" and click on "Apply."

Step 6: Now, click on the "Series" option again and select the "Use column" option under "Data labels." Choose the column containing the values and click on "Apply."

Step 7: To create the Pareto line, go to the "Customize" tab and select the "Series" option. Under "Type," choose "Line" and click on "Apply."

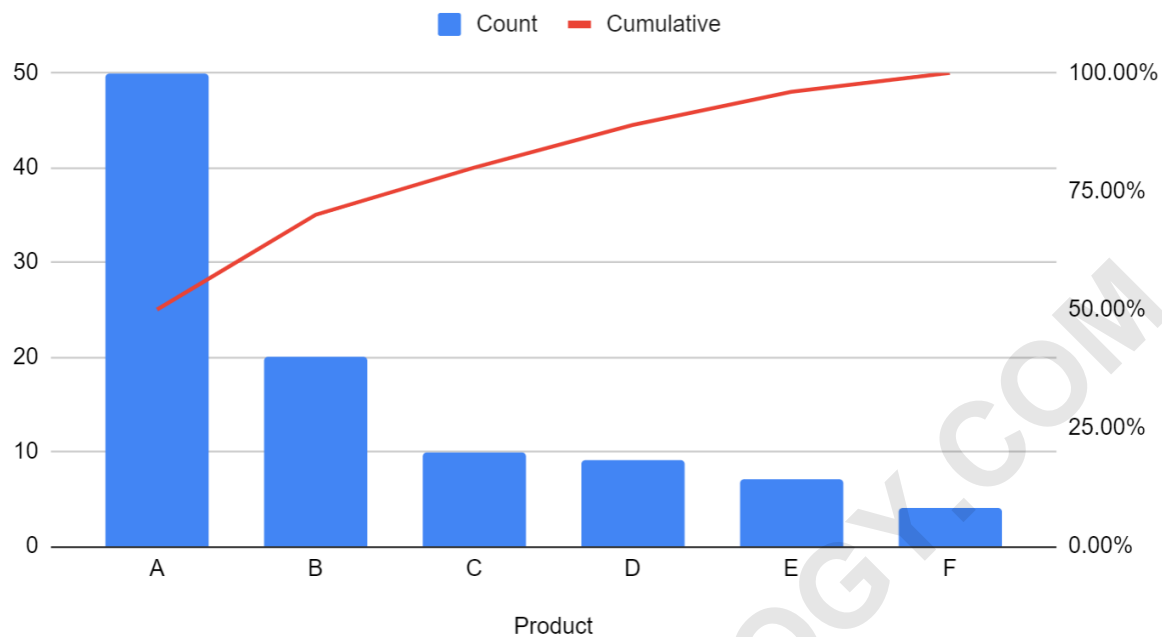
Step 8: Finally, click on "Insert" to add the Pareto Chart to your Google Sheets document. You can customize the chart further by adding a title, changing the colors, and adjusting the font size.

Following these steps will allow you to create a clear and organized Pareto Chart in Google Sheets, making it easier to analyze and prioritize the most significant factors in a given situation.

Create a Pareto Chart in Google Sheets (Step-by-Step)

A Pareto chart is a type of chart that uses bars to display the individual frequencies of categories and a line to display the cumulative frequencies.

Sales by Product



This tutorial provides a step-by-step example of how to create a Pareto chart in Google Sheets.

Step 1: Create the Data

First, let's create a fake dataset that shows the number of sales by product for some company:

| | A | B | C | D |
|----|---------|-------|---|---|
| 1 | Product | Count | | |
| 2 | A | 50 | | |
| 3 | B | 20 | | |
| 4 | C | 10 | | |
| 5 | D | 9 | | |
| 6 | E | 7 | | |
| 7 | F | 4 | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
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| 22 | | | | |
| 23 | | | | |
| 24 | | | | |

Step 2: Calculate the Cumulative Frequencies

Next, type the following formula into cell C2 to calculate the cumulative frequency:

`=SUM(B2:B2)/SUM(B2:B7)`

Copy this formula down to each cell in column C:

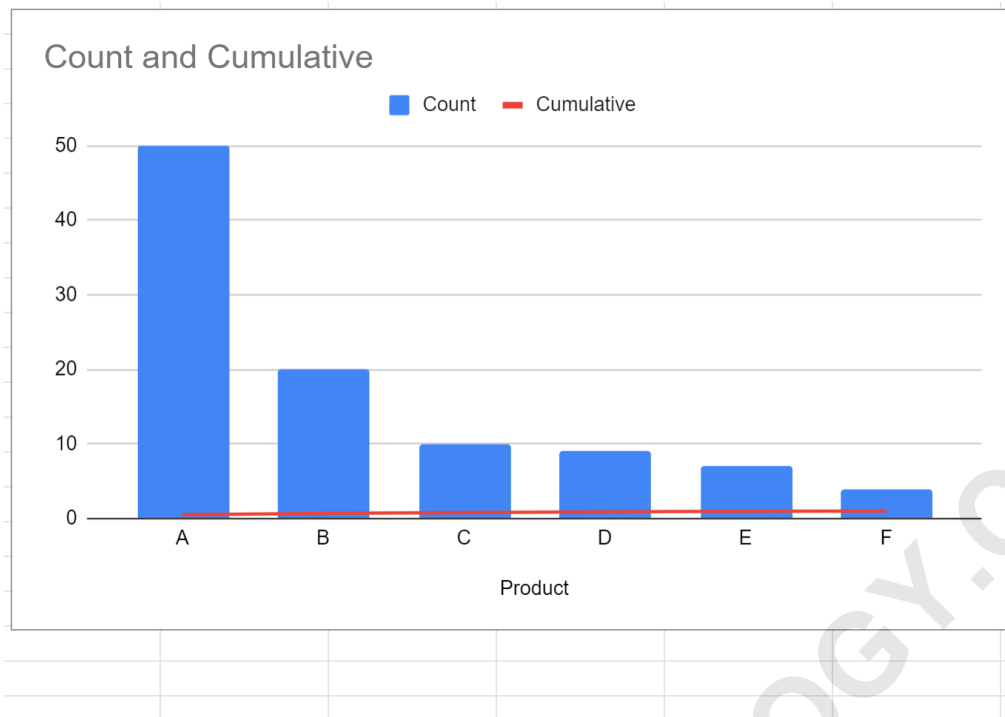
| | A | B | C | D |
|----|---------|-------|------------|---|
| 1 | Product | Count | Cumulative | |
| 2 | A | 50 | 50.00% | |
| 3 | B | 20 | 70.00% | |
| 4 | C | 10 | 80.00% | |
| 5 | D | 9 | 89.00% | |
| 6 | E | 7 | 96.00% | |
| 7 | F | 4 | 100.00% | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |
| 18 | | | | |
| 19 | | | | |

Step 3: Insert Combo Chart

Next, highlight all three columns of data:

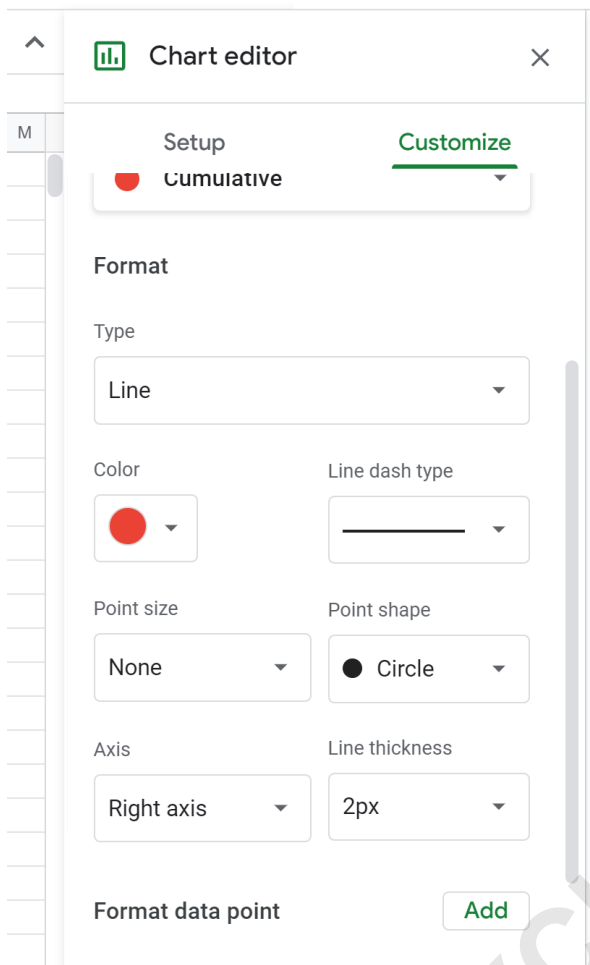
| | A | B | C | D |
|----|---------|-------|------------|---|
| 1 | Product | Count | Cumulative | |
| 2 | A | 50 | 50.00% | |
| 3 | B | 20 | 70.00% | |
| 4 | C | 10 | 80.00% | |
| 5 | D | 9 | 89.00% | |
| 6 | E | 7 | 96.00% | |
| 7 | F | 4 | 100.00% | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |
| 11 | | | | |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |
| 16 | | | | |
| 17 | | | | |

Click the Insert tab along the top ribbon, then click Chart in the dropdown options. This will automatically insert the following combo chart:

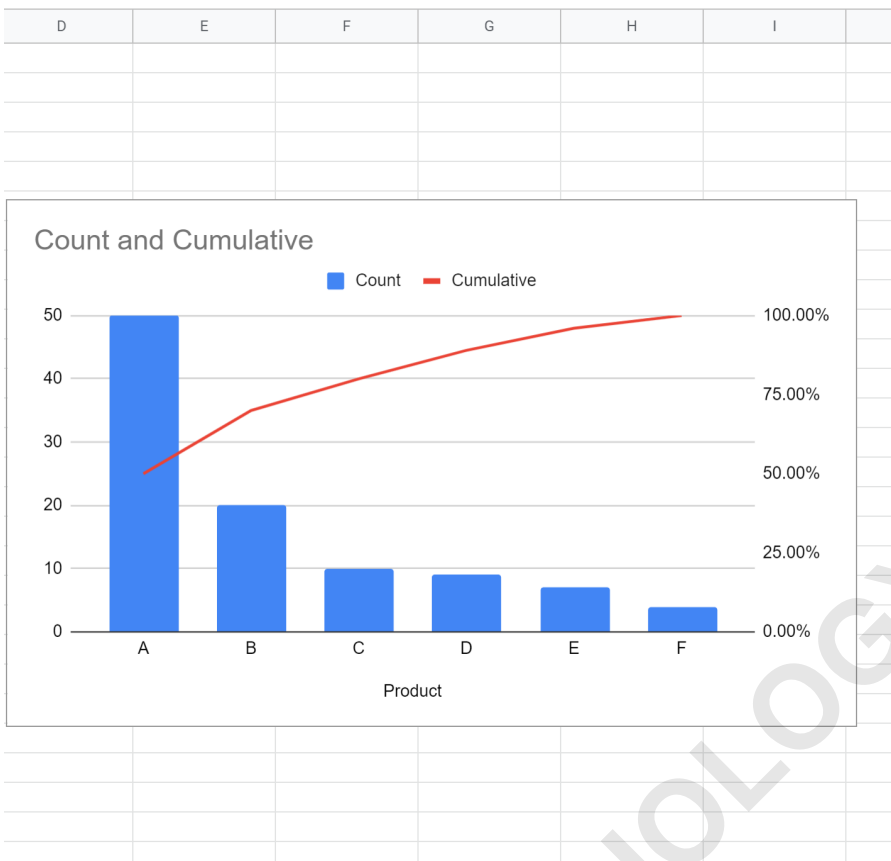


Step 4: Add a Right Y Axis

In the menu that appears on the right, choose Right Axis under the Axis dropdown:



This will automatically add another y-axis on the right side of the chart:



The Pareto chart is now complete. The blue bars display the individual sales of each product and the red line displays the cumulative sales of the products.