

How to Make a

Bar Chart



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COLLECT YOUR DATA

Gather the data you want to display. Ensure you have the categories and their corresponding values.

2

CHOOSE A TOOL

Select a tool to create your bar chart. Common options include:

- Microsoft Excel or Google Sheets
- Online chart makers (e.g., Canva, ChartGo)
- Software like Python (using libraries such as Matplotlib)

3

OPEN THE TOOL

Open your chosen tool and create a new document or project.

4

INPUT YOUR DATA

Enter your categories and values into the tool. For example, in Excel:

- Enter categories in one column (e.g., Column A).
- Enter corresponding values in the next column (e.g., Column B).

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CREATE THE BAR CHART

- Highlight your data.
- In Excel or Google Sheets:
 - Go to the “Insert” tab.
 - Select “Chart” and choose “Bar Chart.”
- In online tools, follow the tool's instructions to input your data and select the bar chart option.

In Python, you can use the following code snippet:

```
import matplotlib.pyplot as plt

categories = ['Category 1', 'Category 2', 'Category 3']
values = [10, 15, 7]

plt.bar(categories, values)
plt.xlabel('Categories')
plt.ylabel('Values')
plt.title('Bar Chart Example')
plt.show()
```



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CUSTOMIZE THE CHART

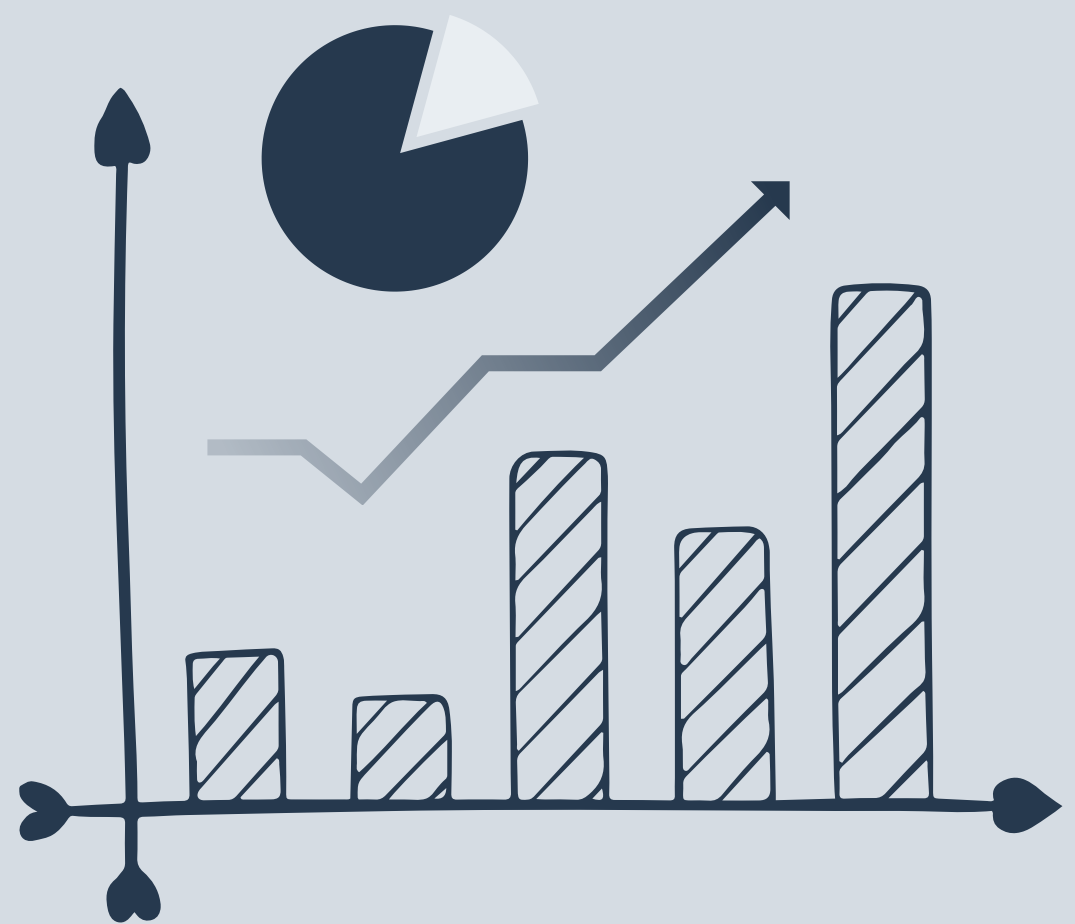
Adjust the chart design as needed. You can:

- Change colors.
- Add labels and titles.
- Adjust the axis scales.
- Add data labels for clarity.

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REVIEW AND SAVE

- Review your bar chart to ensure it accurately represents your data.
- Save or export your chart in the desired format (e.g., PNG, PDF, or in your document).



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EXAMPLE:

Let's say you have the following data:

Category	Value
Apples	50
Bananas	30
Cherries	20
Dates	10

In Excel or Google Sheets:

1. Enter the data in two columns.
2. Highlight the data.
3. Go to "Insert" > "Chart" > "Bar Chart."

In Python:

```
import matplotlib.pyplot as plt
```

```
categories = ['Apples', 'Bananas', 'Cherries', 'Dates']
```

```
values = [50, 30, 20, 10]
```

```
plt.bar(categories, values)
```

```
plt.xlabel('Fruits')
```

```
plt.ylabel('Quantity')
```

```
plt.title('Fruit Quantities')
```

```
plt.show()
```

