

Aim: How can we use matplotlib to make graphs?

matplotlib - Basic Usage - Graphing

```
plt.plot( data )
```

Create a line graph.

If data is a single list, the elements are considered y values, while the list indices will be x values.

`plt.plot([10, 14, 19, 40])` would plot the following points: (0, 10), (1, 14), (2, 19), (3, 40)

If you provide 2 lists, the first will be x values and the second will be y values.

`plt.plot([1, 2, 3, 4], [1, 4, 9, 16])` would plot the following points: (1, 1), (2, 4), (3, 9), (4, 16)

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