

# How can I hide axes in matplotlib using examples?

Authored by  
**stats writer**

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## RECOMMENDED CITATION

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The process of hiding axes in matplotlib involves using the "ax.set\_axis\_off()" function to remove the axes from a plot. This function can be used in various ways, such as hiding specific axes or all axes in a plot. For example, to hide the x-axis, the command "ax.set\_axis\_off(xaxis=True)" can be used. Similarly, to hide both axes, the command "ax.set\_axis\_off()" can be used. This functionality can be useful in creating cleaner and more visually appealing plots in matplotlib.

## Hide Axes in Matplotlib (With Examples)

You can use the following syntax to hide axes in Matplotlib plots:

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

```
#get current axes
```

```
ax = plt.gca()
```

```
#hide x-axis
```

```
ax.get_xaxis().set_visible(False)
```

```
#hide y-axis
```

```
ax.get_yaxis().set_visible(False)
```

The following examples show how to use this syntax in practice.

**Example 1: Hide X-Axis**

The following code shows how to create a scatterplot

**and hide the x-axis:**

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

```
#define data
```

```
x =
```

```
y =
```

```
#create scatterplot
```

```
plt.scatter(x, y)
```

```
#get current axes
```

```
ax = plt.gca()
```

```
#hide x-axis
```

```
ax.get_xaxis().set_visible(False)
```