

How can I fix the error “module ‘matplotlib’ has no attribute ‘plot’”?

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RECOMMENDED CITATION

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If you encounter the error "module 'matplotlib' has no attribute 'plot'" while using the matplotlib library, it means that the plot function is not recognized or available within the matplotlib module. This error can be fixed by ensuring that the matplotlib library is properly installed and imported in your code. Additionally, checking for any typos or misspelled words in your code that may be causing the error can also help resolve the issue.

Fix: module 'matplotlib' has no attribute 'plot'

One error you may encounter when using is:

AttributeError: module 'matplotlib' has no attribute 'plot'

This error typically occurs when you use the following code to import matplotlib:

```
import matplotlib as plt
```

Instead, you should use:

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

The following example shows how to fix this error in practice.

How to Reproduce the Error

Suppose we attempt to create a line plot in matplotlib using the following code:

```
import matplotlib as plt
```

```
#define data
```

```
x =
```

```
y =
```

```
#create line plot
```

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

```
#show line plot
```

```
plt.show()
```

AttributeError: module 'matplotlib' has no attribute 'plot'

We receive an error because we used the wrong line of code to import the matplotlib library.

How to Fix the Error

To fix this error, we simply need to use the correct code to import the matplotlib library:

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

```
#define data
```

```
x =
```

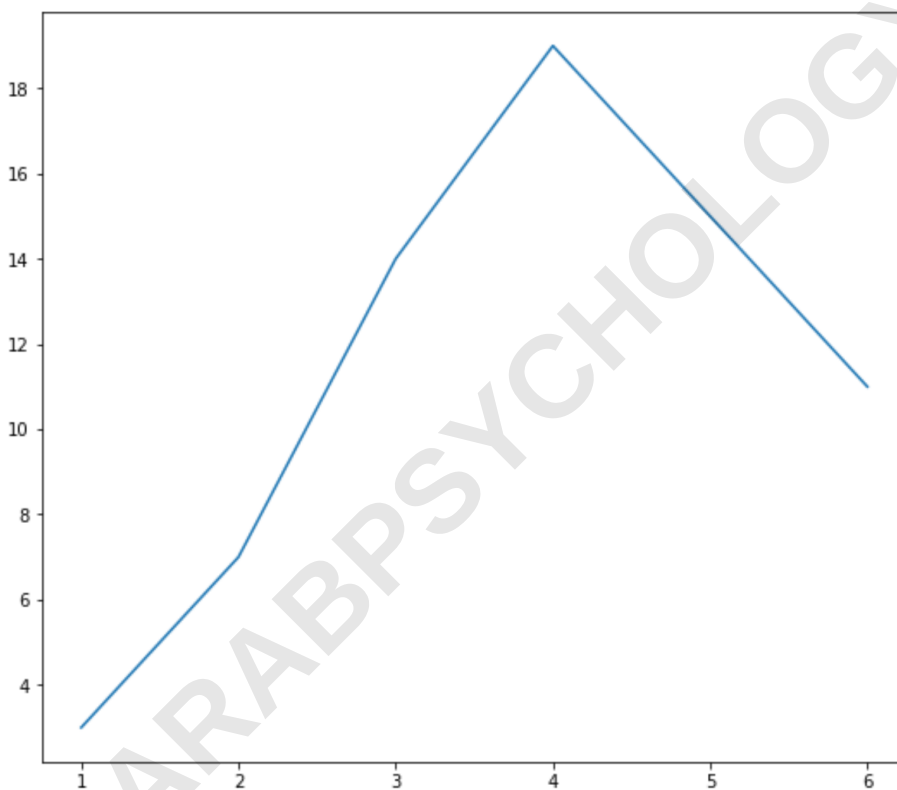
y =

#create line plot

plt.plot(x, y)

#show line plot

plt.show()



Notice that we're able to create the line plot successfully without receiving any errors because we used the correct line of code to import the matplotlib library.

Additional Resources

ARABPSYCHOLOGY.COM