

How can I adjust the title position in Matplotlib?

Authored by
stats writer

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To adjust the title position in Matplotlib, you can use the "set_position()" method with the "title" object. This method allows you to specify the coordinates of the title using x and y values, as well as adjust the alignment and offset of the title. Additionally, you can use the "set_y()" method to set the vertical position of the title. By using these methods, you can easily customize the position of the title in your Matplotlib plot.

Adjust Title Position in Matplotlib

You can use one of the following methods to adjust the position of a title in a Matplotlib plot:

#adjust title position using 'loc' argument (left, center, right)

```
plt.title('My Title', loc='right')
```

#adjust title position using x and y coordinates

```
plt.title('My Title', x=0.5, y=1.1)
```

The following examples show how to use each of these methods in practice.

Method 1: Adjust Title Position Using 'loc'

The following code shows how to adjust the position of a title in Matplotlib using the loc argument.

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

```
#define x and y
```

```
x =
```

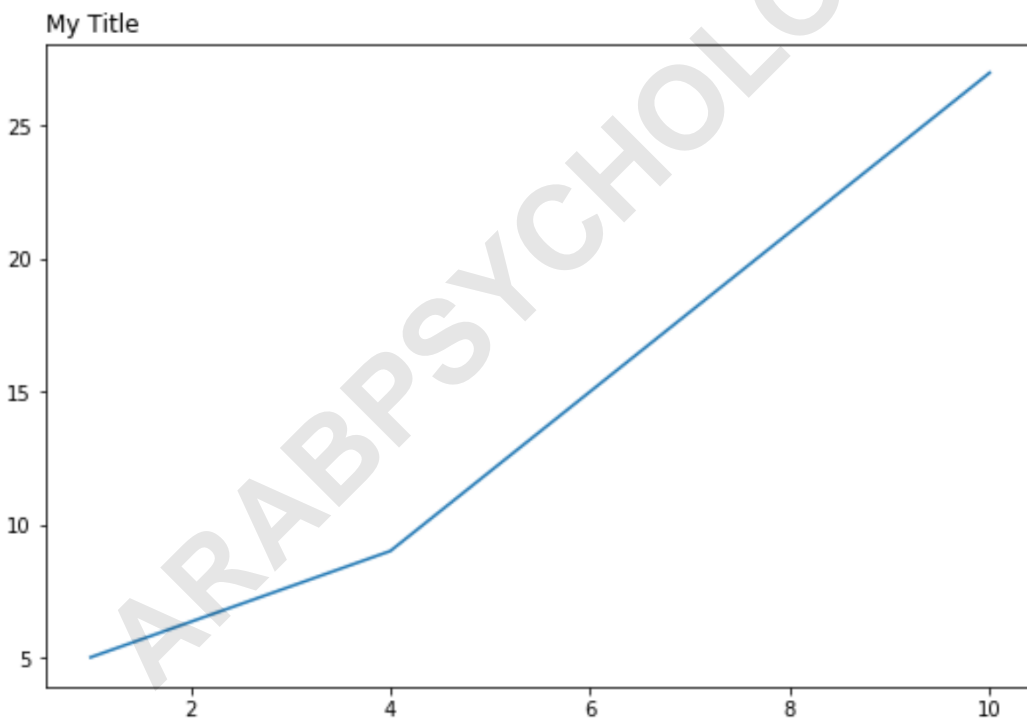
```
y =
```

```
#create plot of x and y
```

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

```
#add title
```

```
plt.title('My Title', loc='left')
```



Note: You can use the `loc` argument to specify one of three positions: `left`, `center`, or `right`. The default position is `center`.

Method 2: Adjust Title Position Using (x, y) Coordinates

The following code shows how to adjust the position of a title in Matplotlib using x and y coordinates.

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

```
#define x and y
```

```
x =
```

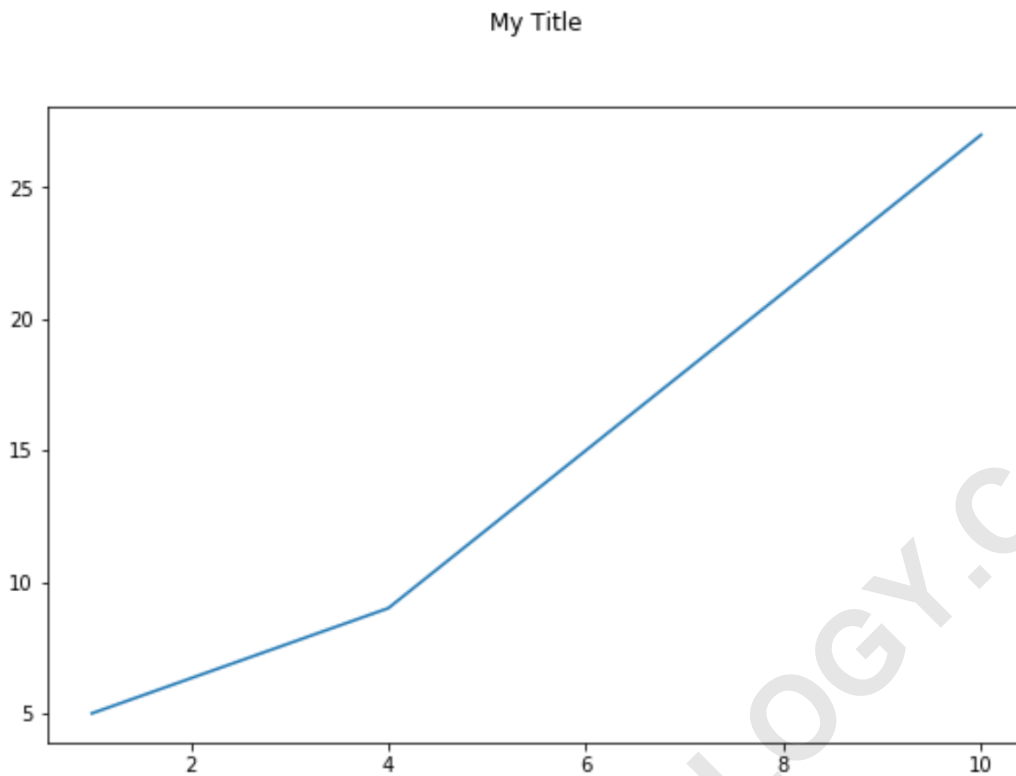
```
y =
```

```
#create plot of x and y
```

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

```
#add title
```

```
plt.title('My Title', x=0.5, y=1.1)
```



You can also choose to just specify one of the coordinates. For example, you can specify only the y-coordinate:

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

```
#define x and y
```

```
x =
```

```
y =
```

```
#create plot of x and y
```

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

#add title

```
plt.title('My Title', y=1.3)
```

