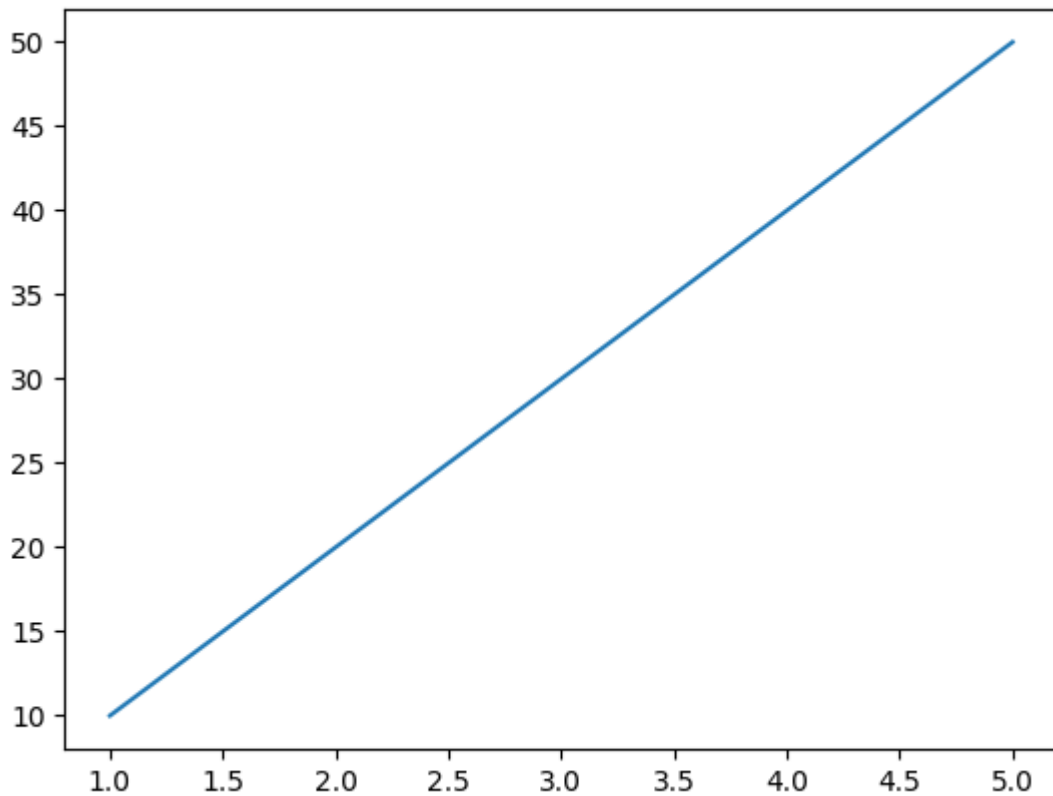


```
In [2]: import matplotlib.pyplot as plt
```

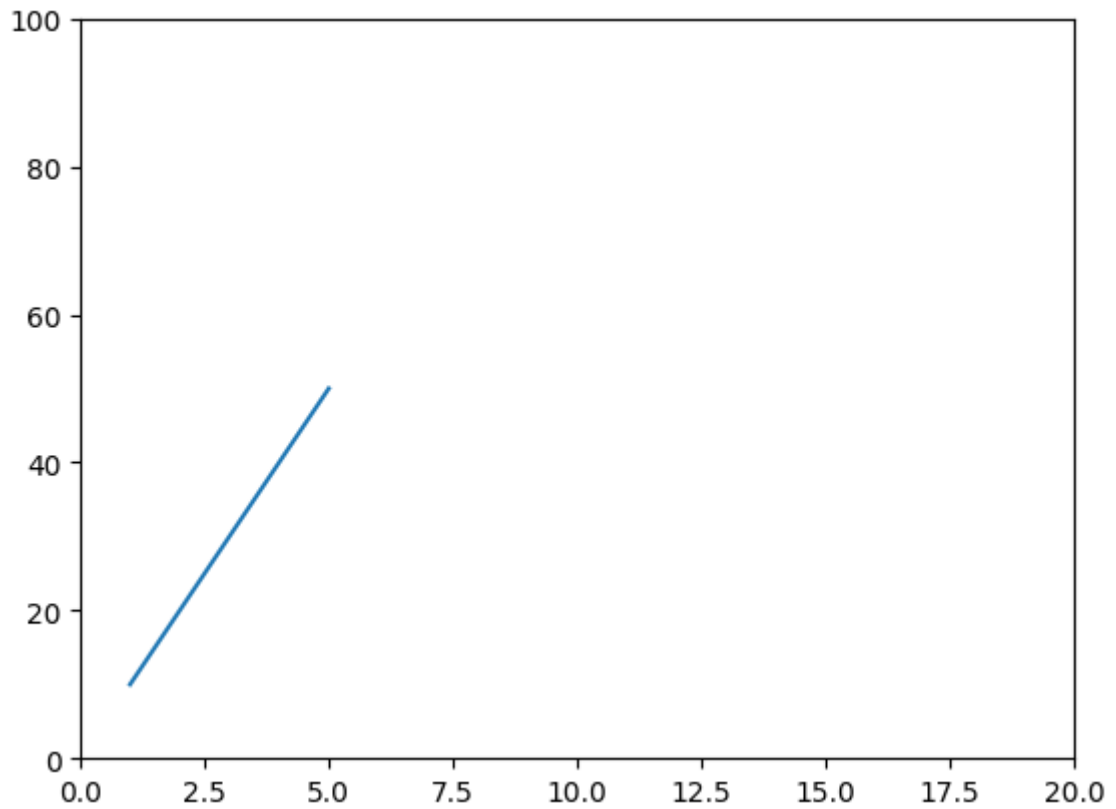
## LINE GRAPH

```
In [17]: data_x = [1,2,3,4,5]  
data_y = [10,20,30,40,50]  
plt.plot(data_x,data_y)  
plt.show()
```



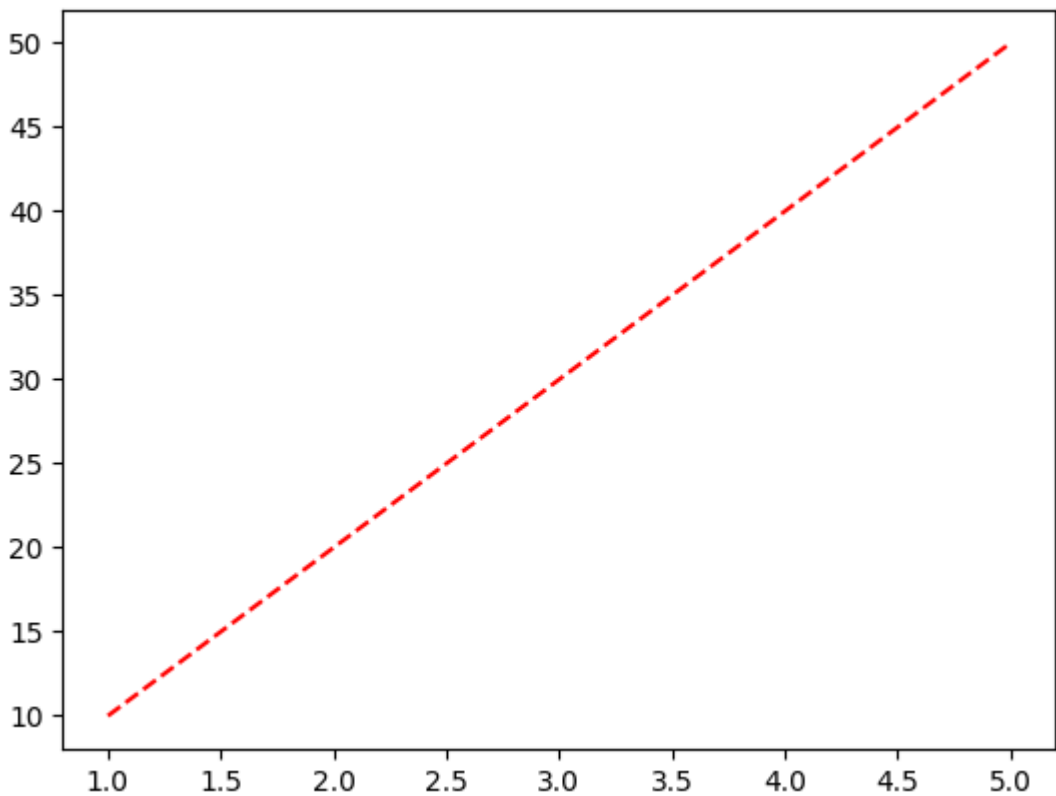
## USER GIVEN AXIS RANGE

```
In [19]: data_x = [1,2,3,4,5]  
data_y = [10,20,30,40,50]  
plt.plot(data_x,data_y)  
plt.axis([0,20,0,100])  
plt.show()
```



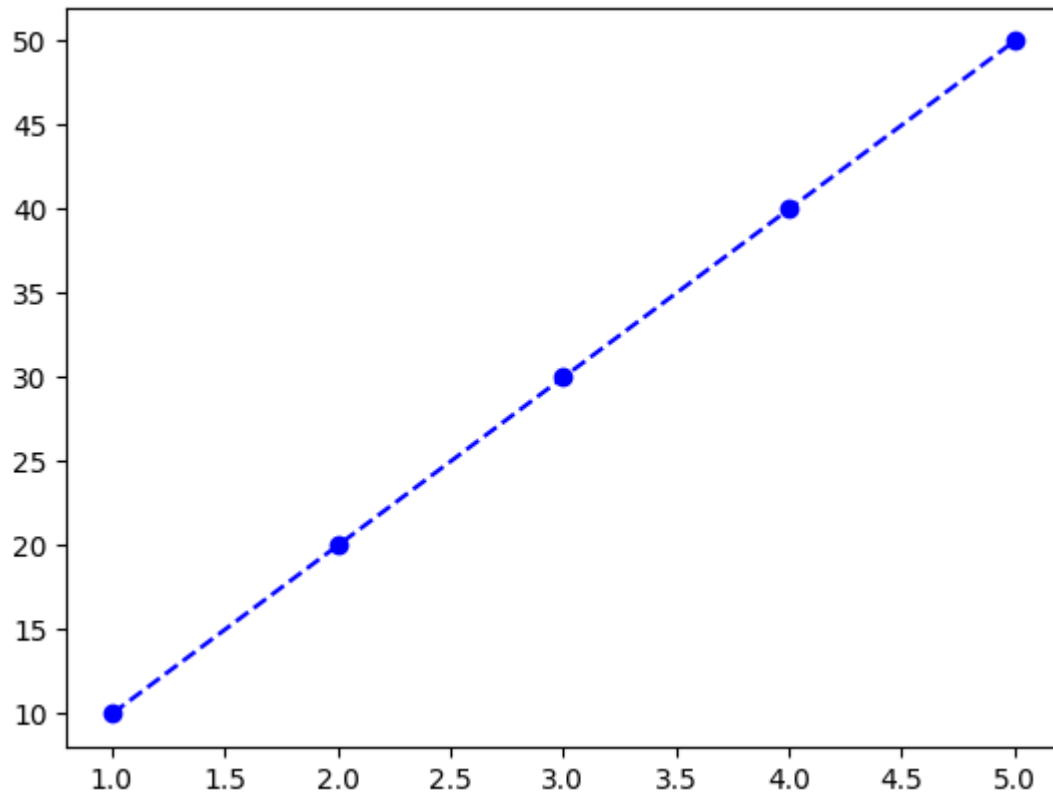
ADDING LINE STYLE AND COLOR OF LINE

```
In [20]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,"--r")
plt.show()
```

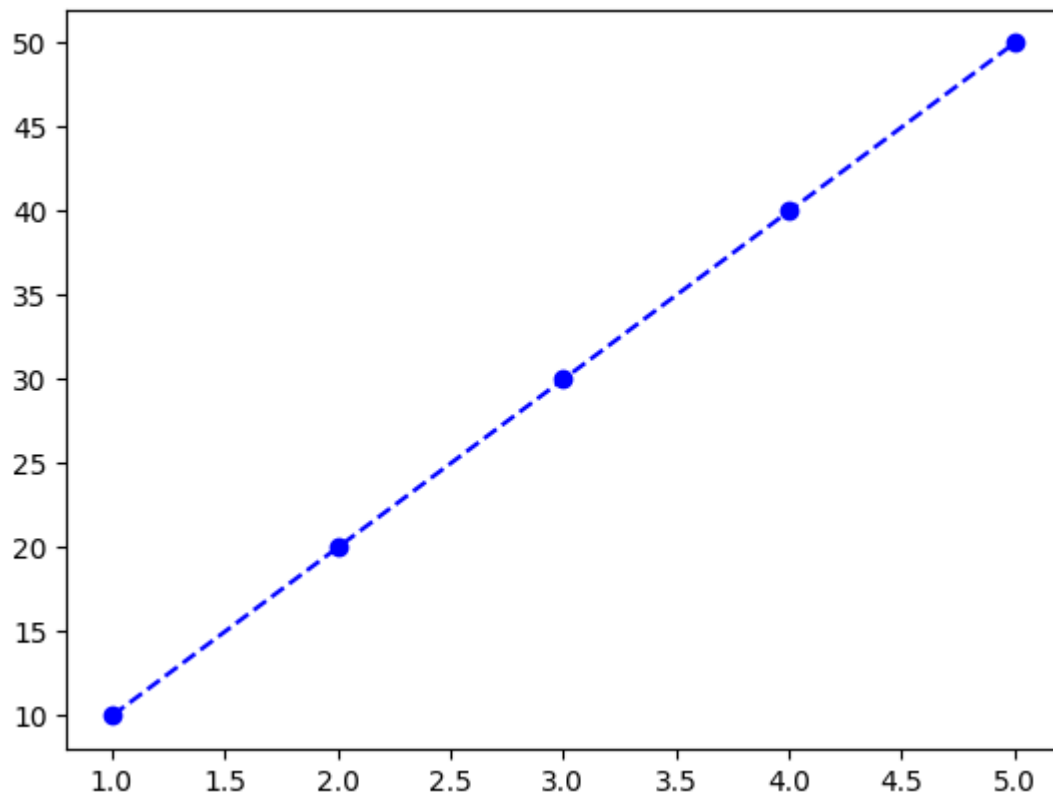


ADDING MARKER

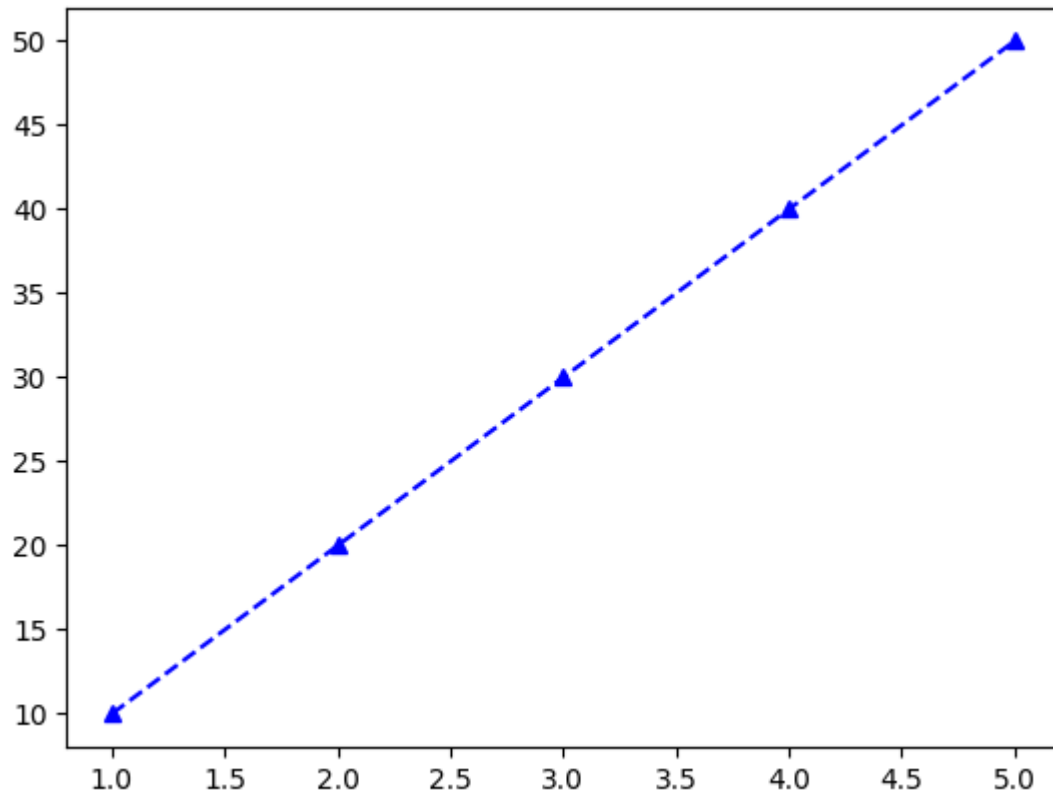
```
In [23]: data_x = [1,2,3,4,5]  
data_y = [10,20,30,40,50]  
plt.plot(data_x,data_y,'o--b')  
plt.show()
```



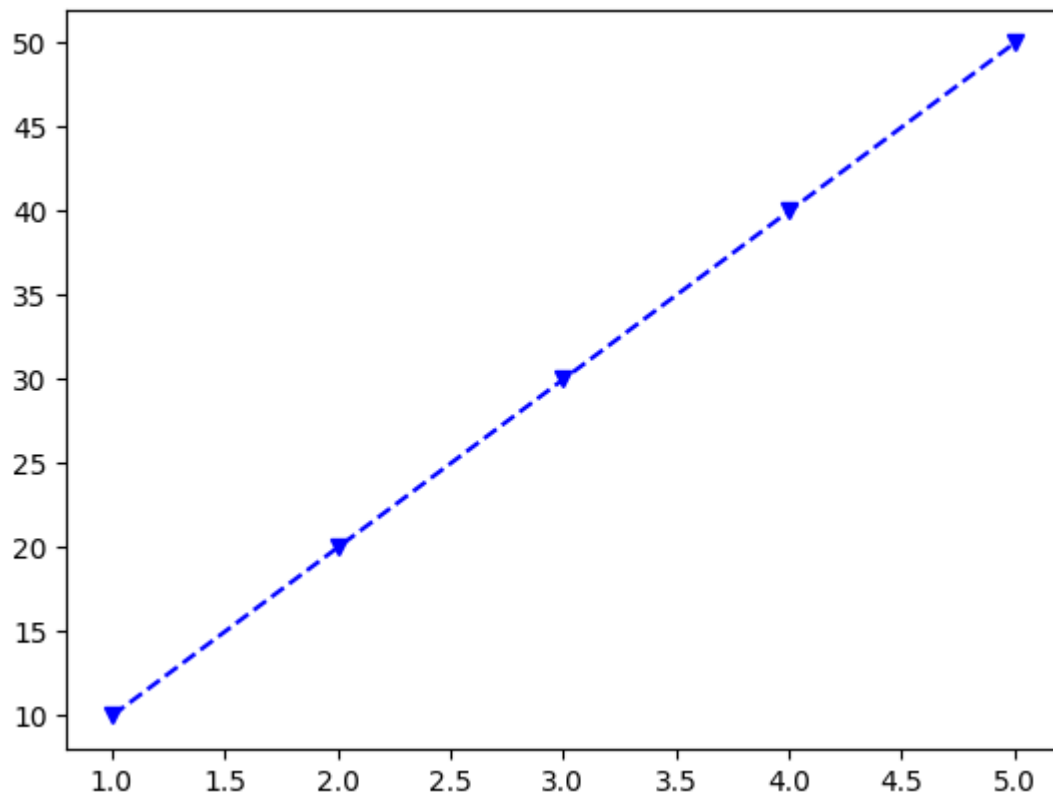
```
In [24]: data_x = [1,2,3,4,5]  
data_y = [10,20,30,40,50]  
plt.plot(data_x,data_y,'o--b')  
plt.show()
```



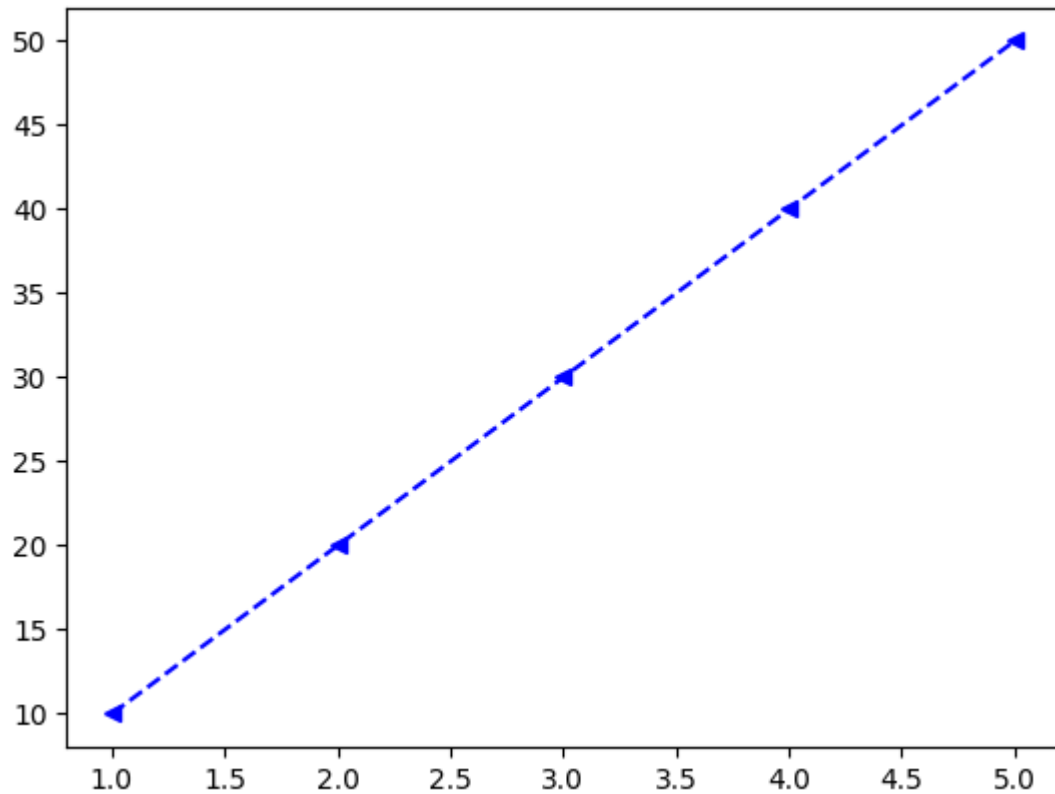
```
In [28]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'^--b')
plt.show()
```



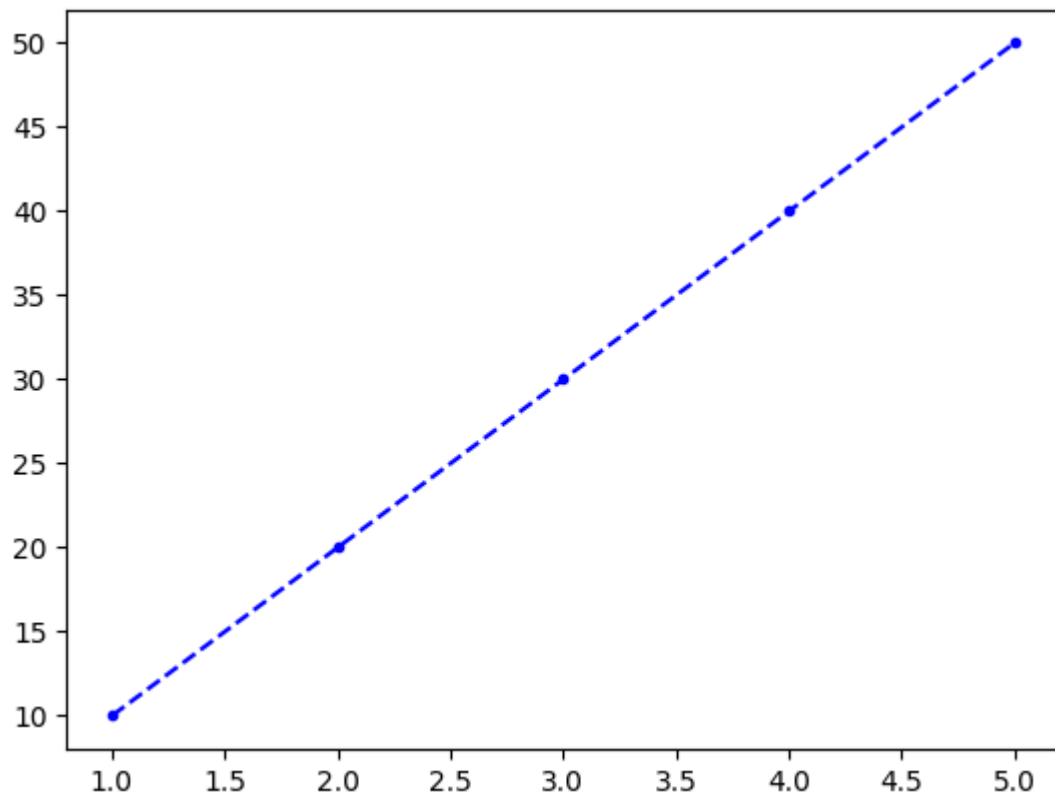
```
In [29]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'v--b')
plt.show()
```



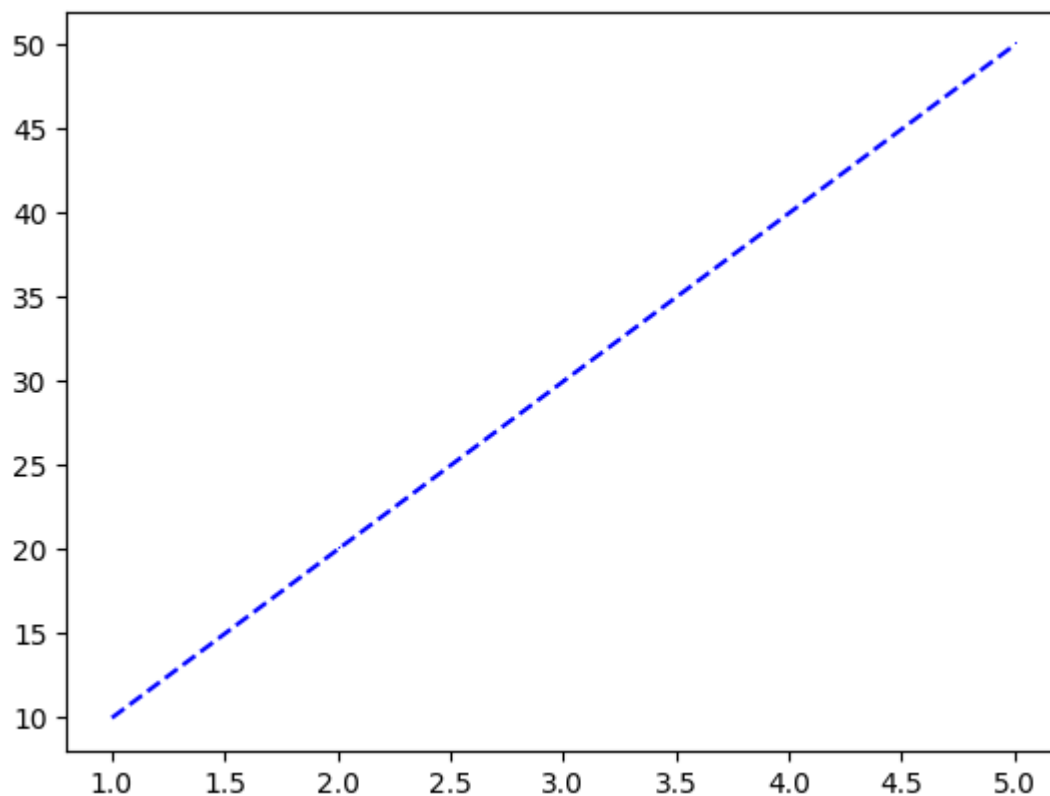
```
In [30]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'<--b')
plt.show()
```



```
In [31]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'.--b')
plt.show()
```

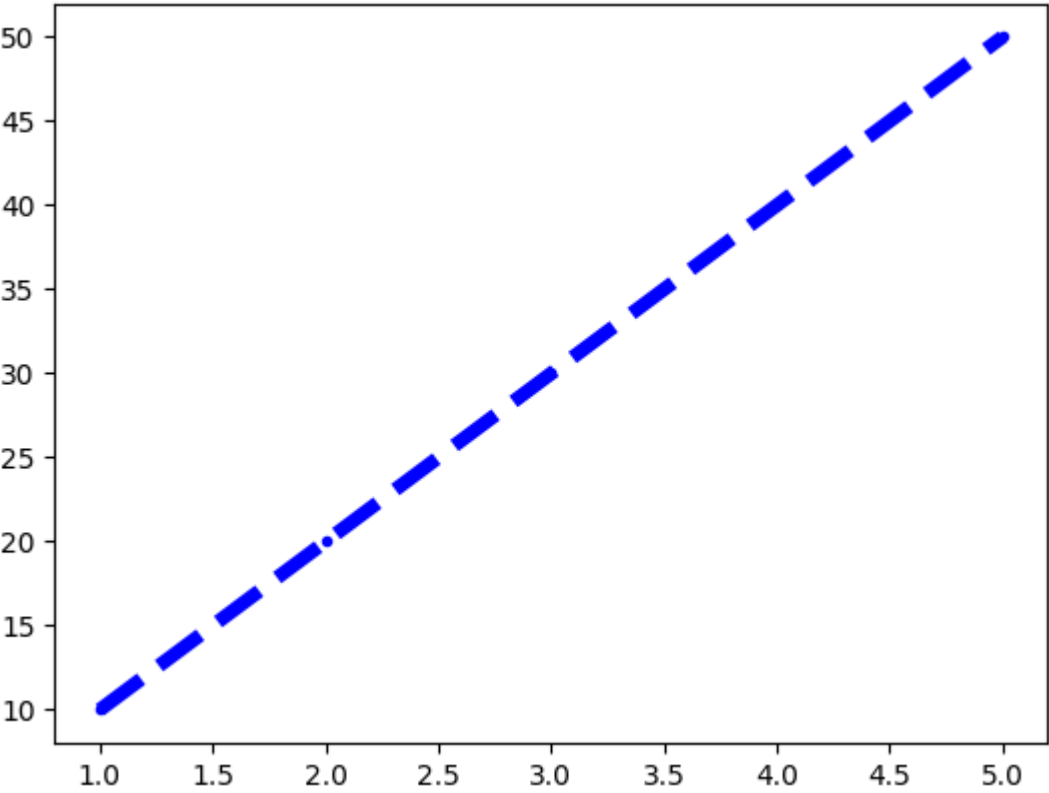


```
In [32]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'--b')
plt.show()
```



ALTERING LINE WIDTH

```
In [34]: data_x = [1,2,3,4,5]
data_y = [10,20,30,40,50]
plt.plot(data_x,data_y,'--b',linewidth=5)
plt.show()
```



```
In [ ]:
```