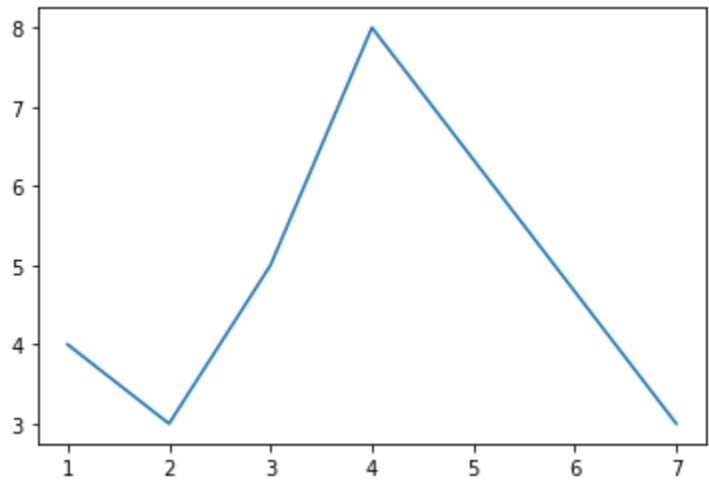


Basic Charting (Using Matplotlib)

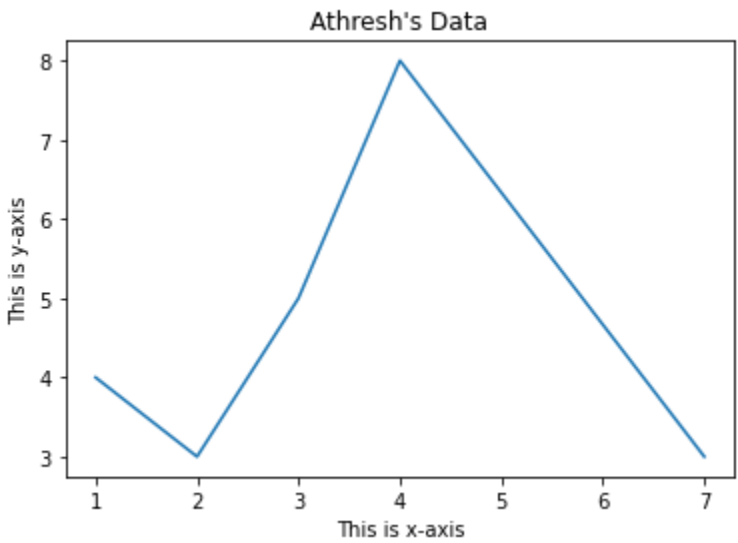
By Athresh Kumar Labde

```
In [1]: %matplotlib inline
from matplotlib import pyplot as plt
```

```
In [2]: plt.plot([1,2,3,4,7],[4,3,5,8,3])
plt.show()
```



```
In [3]: plt.plot([1,2,3,4,7],[4,3,5,8,3])
plt.title("Athresh's Data")
plt.ylabel("This is y-axis")
plt.xlabel("This is x-axis")
plt.show()
```



```
In [17]: from matplotlib import pyplot as plt
from matplotlib import style
```

```
style.use('ggplot')
x=[2,3,4,5,6,7,8,9]
y=[21,32,43,54,65,76,88,98]
x2=[3,4,5,6,7,8,9,21]
y2=[18,22,43,45,64,75,79,90]

plt.plot(x,y, label="first", linewidth=3)
plt.scatter(x2,y2, label="second")
plt.plot(x2,y2, label="third")
plt.legend()
plt.show()
```

