```python
import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib as mpl
import matplotlib.pyplot as plt
print(plt.style.available)
```
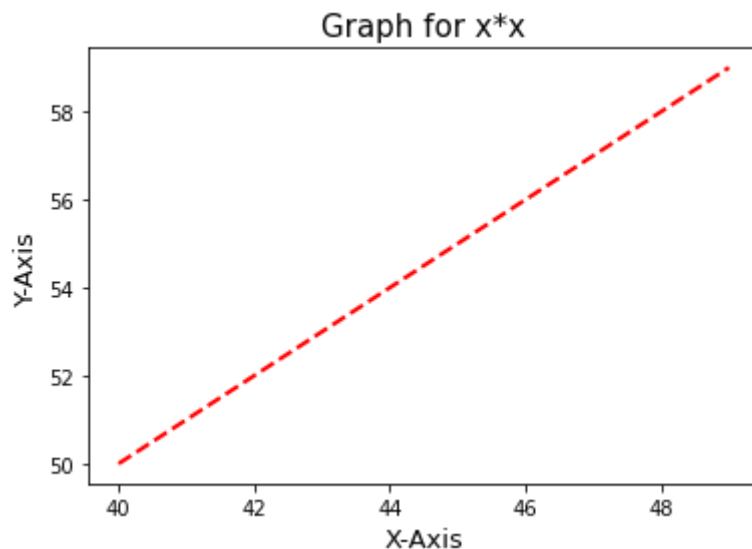
```
['Solarize_Light2', '_classic_test_patch', 'bmh', 'classic', 'dark_background', 'fast
```

```python
x = np.arange(40,50)
y = np.arange(50,60)
plt.plot(x,y,'r--',linewidth = 2 , markersize = 10)
plt.title("Graph for x*x",fontsize = 15)
plt.xlabel("X-Axis", fontsize = 13)
plt.ylabel("Y-Axis",fontsize = 13)
plt.show()
```



```python
days= [1,2,3,4,5,6,7]
sales_1=[160,150,140,145,175,165,180]
sales_2=[70,90,160,150,140,145,175]
plt.figure(figsize =(6,5),dpi =150)
plt.plot(days,sales_1, color = 'g')
plt.plot(days,sales_2,color = 'black')
plt.title("Sales according to days" , fontsize = 15,color = 'r')
plt.xlabel("Days",fontsize = 13 , color = 'r')
plt.ylabel("Sales" ,fontsize = 13 , color = 'r')
plt.show()
```

Sales according to days
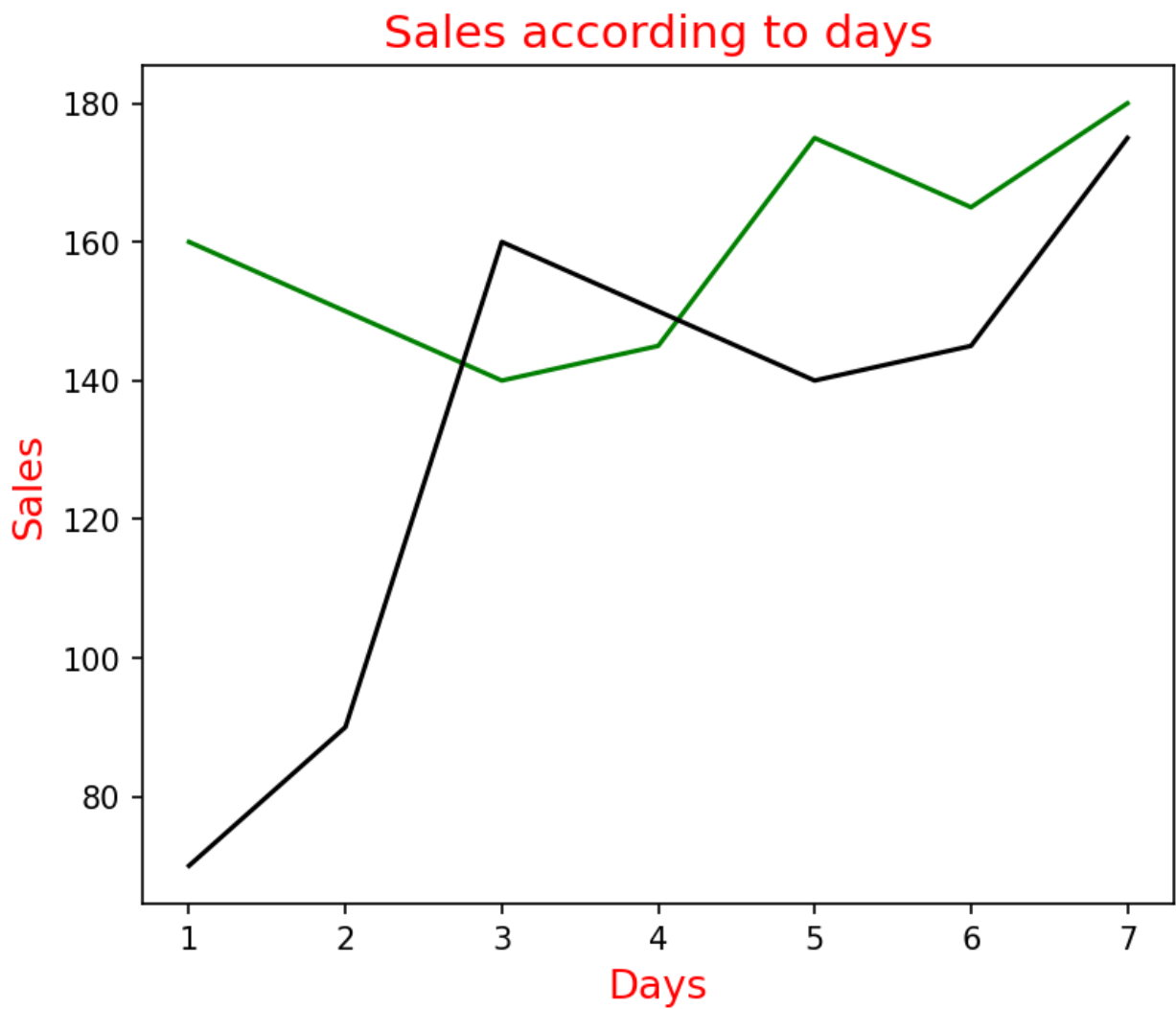

```
x = [1,2,3,4]
y1 = [4,3,2,1]
y2 = [10,20,30,40]
y3 = [40,30,20,10]
y4 = [1,2,1,2]
y5 = [40,70,90,70]


plt.figure(figsize = (10,10))


plt.subplot(3,3,1)
plt.plot(x,y1,'r-')
plt.xlabel('x')
plt.ylabel('y1')

plt.subplot(3,3,2)
plt.plot(x,y2,'g-')
plt.xlabel('x')
plt.ylabel('y2')

plt.subplot(3,3,3)
plt.plot(x,y3,'b-')
```

```
plt.xlabel('x')
plt.ylabel('y3')

plt.subplot(3,3,4)
plt.plot(x,y4,'y-')
plt.xlabel('x')
plt.ylabel('y4')

plt.subplot(3,3,5)
plt.plot(x,y5,'r--')
plt.xlabel('x')
plt.ylabel('y5')

plt.show()
```