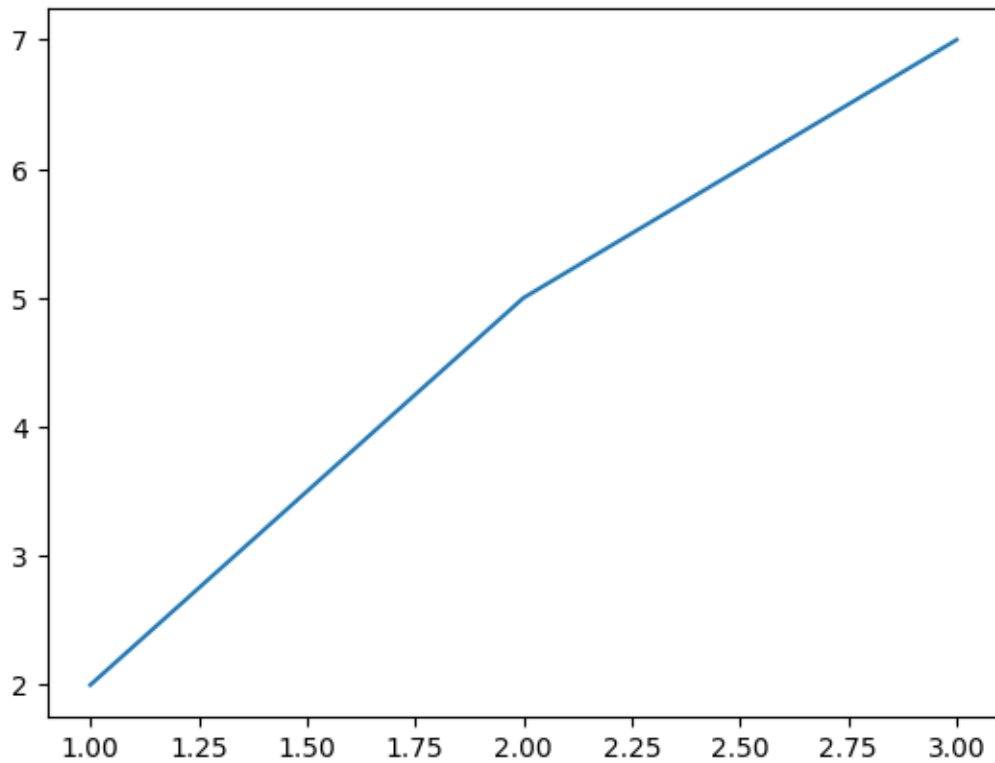


# main

August 1, 2024

## Matplotlib-Tutorial

```
[ ]: %matplotlib inline
import matplotlib.pyplot as plt
plt.plot([1,2,3],[2,5,7])
plt.show()
```

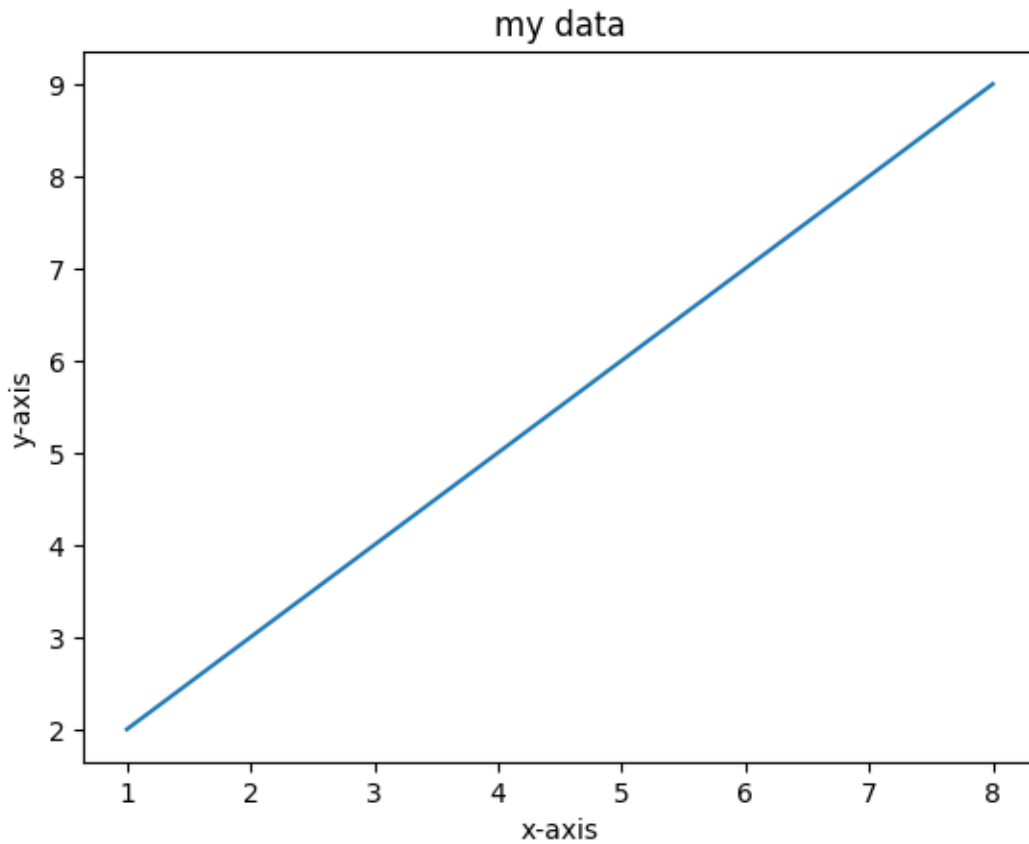


```
[ ]: %matplotlib inline
import matplotlib.pyplot as plt

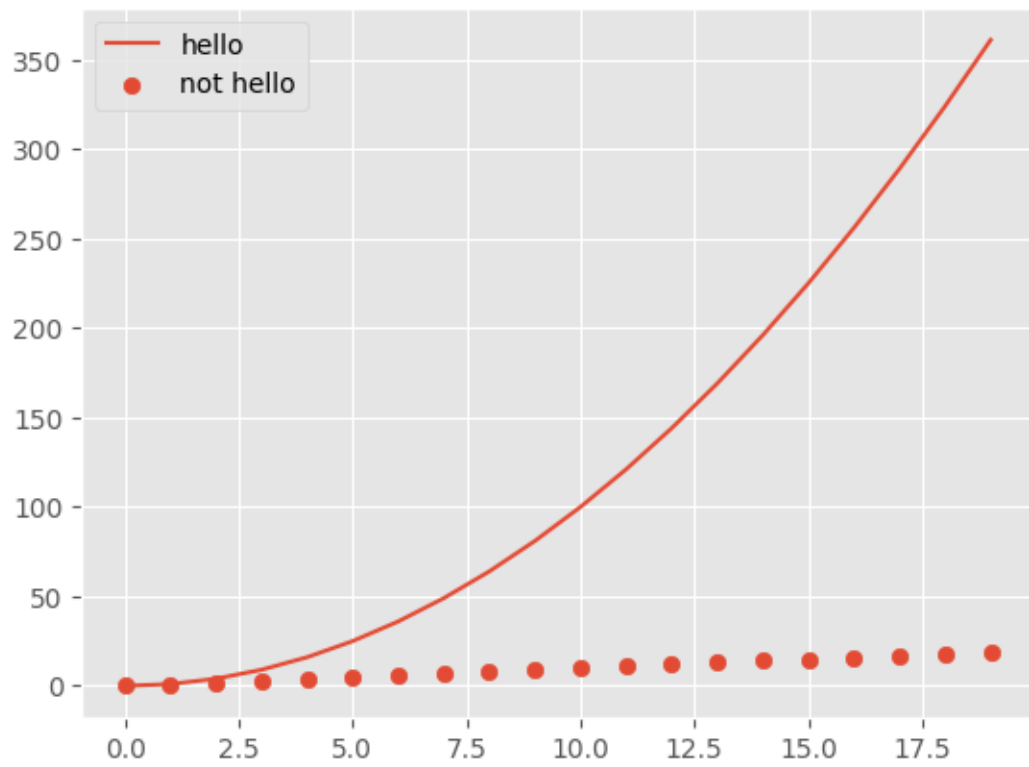
plt.title("my data")
plt.ylabel("y-axis")
plt.xlabel("x-axis")
```

```
plt.plot([1,2,3,4,5,6,7,8],[2,3,4,5,6,7,8,9])
```

```
[ ]: [<matplotlib.lines.Line2D at 0x7faa05a21510>]
```



```
[ ]: import matplotlib.pyplot as plt
from matplotlib import style
style.use("ggplot")
x = []
y = []
x1 = []
y1 = []
for i in range(0,20):
    x.append(i)
    y.append(i**2)
    x1.append(i)
    y1.append(i)
plt.plot(x,y,label = "hello")
plt.scatter(x1,y1,label = "not hello")
plt.legend()
plt.show()
```



[ ]: