

▶ Python and Software Engineering Best Practices (P-7)

▶ Python and Software Engineering Best Practices (P-8)

▶ Python and Software Engineering Best Practices (P-9)

▶ Python and Software Engineering Best Practices (P-10)

▶ DS specific libraries (P-1)

▶ DS specific libraries (P-2)

▼ DS specific libraries (P-3)

**Sample Code:
Matplotlib**

Code Challenge

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Submission 42

#DRAW A LINE GRAPH

```
from scipy.stats import norm
import matplotlib.pyplot as plt
import numpy as np
```

```
x = np.arange(-3, 3, 0.001)
```

```
plt.plot(x, norm.pdf(x))
plt.show()
```

```
#Mutiple Plots on One Graph
plt.plot(x, norm.pdf(x))
plt.plot(x, norm.pdf(x, 1.0, 0.5))
plt.show()
```

```
# Save it to a File
```

```
plt.plot(x, norm.pdf(x))
plt.plot(x, norm.pdf(x, 1.0, 0.5))
plt.savefig('MyPlot.png', format='png')
```