

- ▶ 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

Code Challenge

Submission 42

```
labels = ['India', 'United States', 'Russia', 'China', 'Eu
plt.pie(values, colors= colors, labels=labels, explode = e
plt.title('Student Locations')
plt.show()
```

#### #Bar Chart

```
values = [12, 55, 4, 32, 14]
colors = ['r', 'g', 'b', 'c', 'm']
plt.bar(range(0,5), values, color= colors)
plt.show()
```

#### #Scatter Plot

```
from pylab import randn
```

```
X = randn(500)
Y = randn(500)
plt.scatter(X,Y)
plt.show()
```