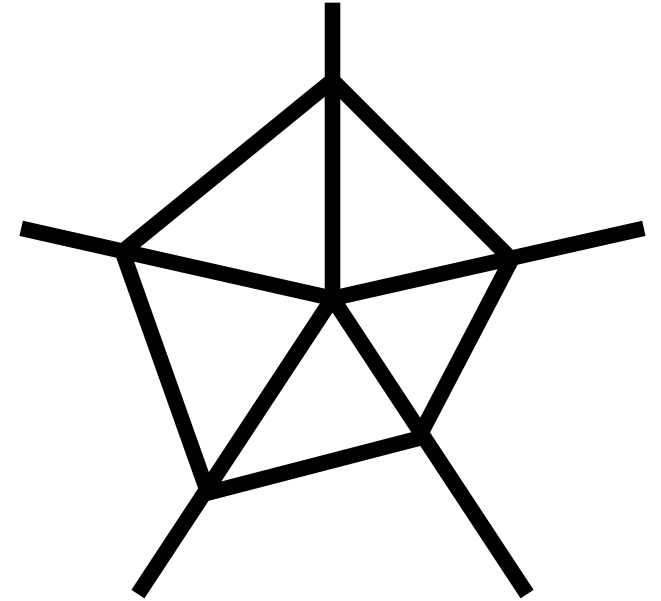
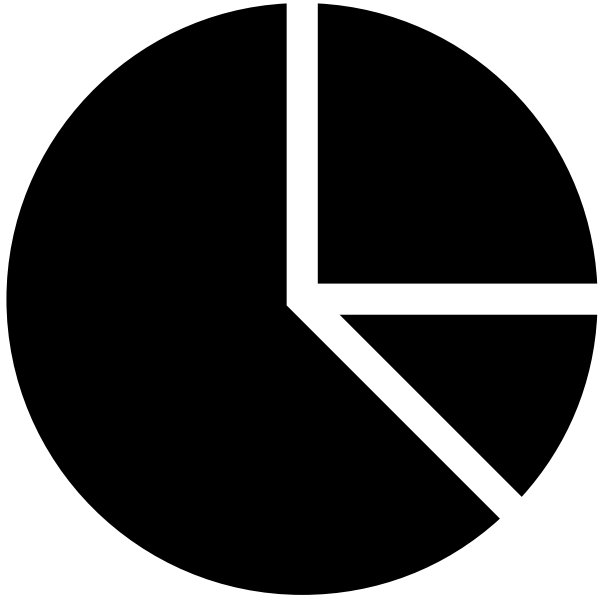


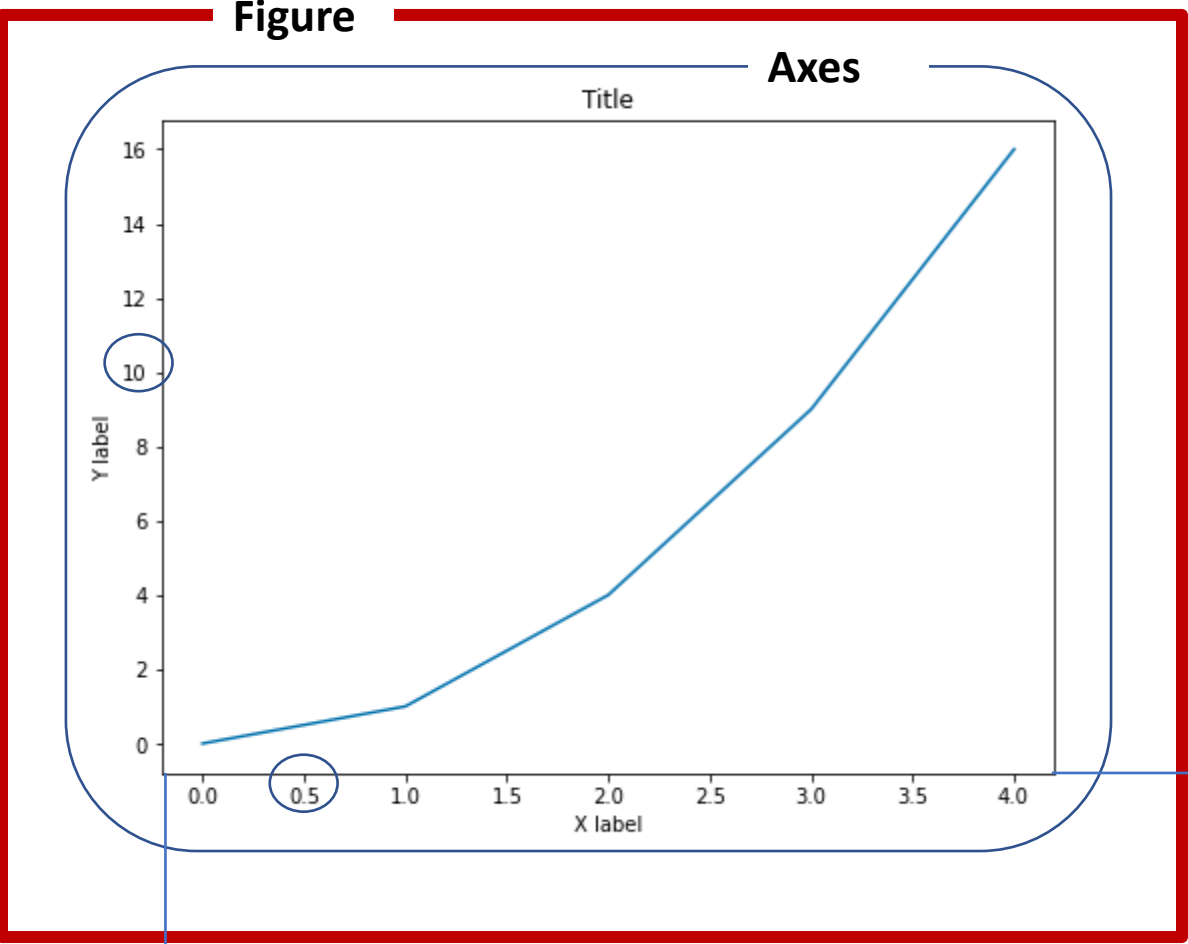
# Data Visualization

Using **Matplotlib**

# Matplotlib

Visualization library





Y axis

X axis

# Steps

1) Import the matplotlib library.

```
import matplotlib.pyplot as plt
```

2) Create a **Figure** object and an **Axes object** for *each* plot.

```
figure1, axes1 = plt.subplots()
```

3) Use Axes object methods to customize your plot.

```
axes1.plot(days, temperature, color="red")  
axes1.set_title("week temperature report")  
axes1.set_xlabel('Day')  
axes1.set_ylabel('Temperature')
```