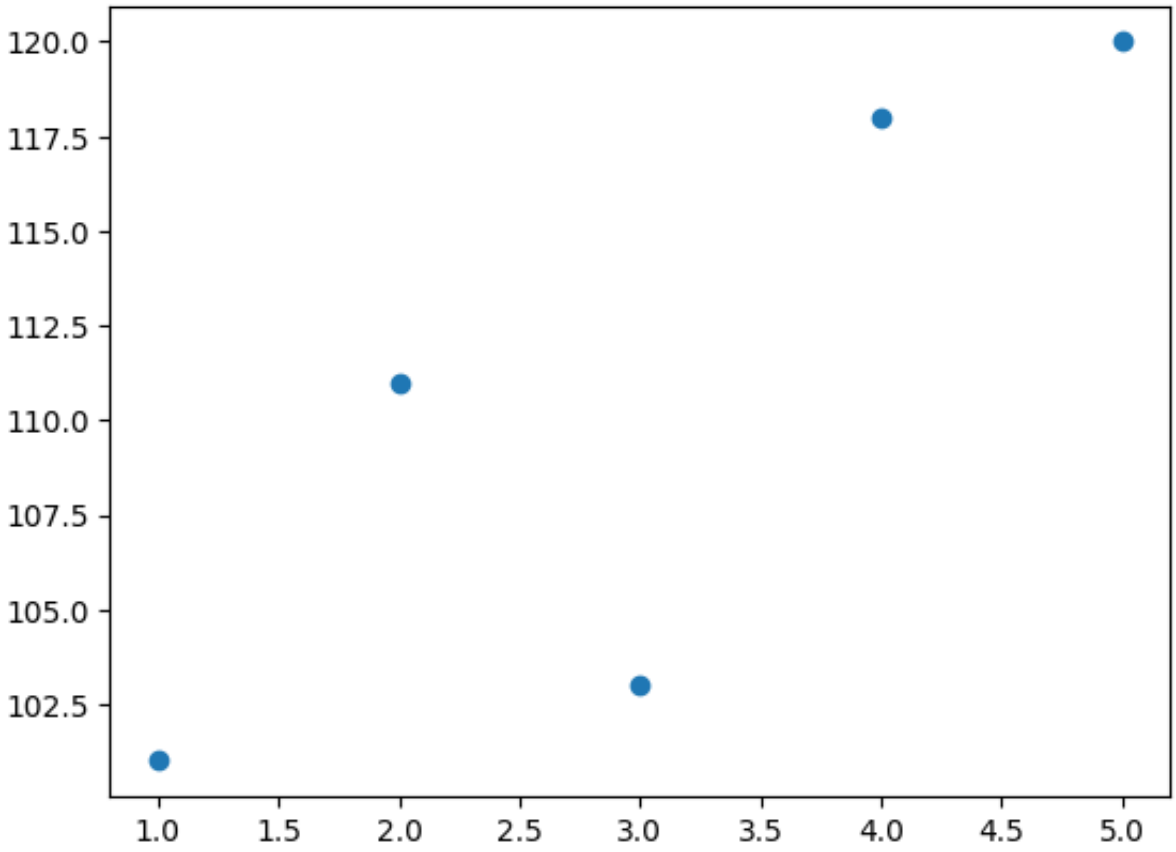
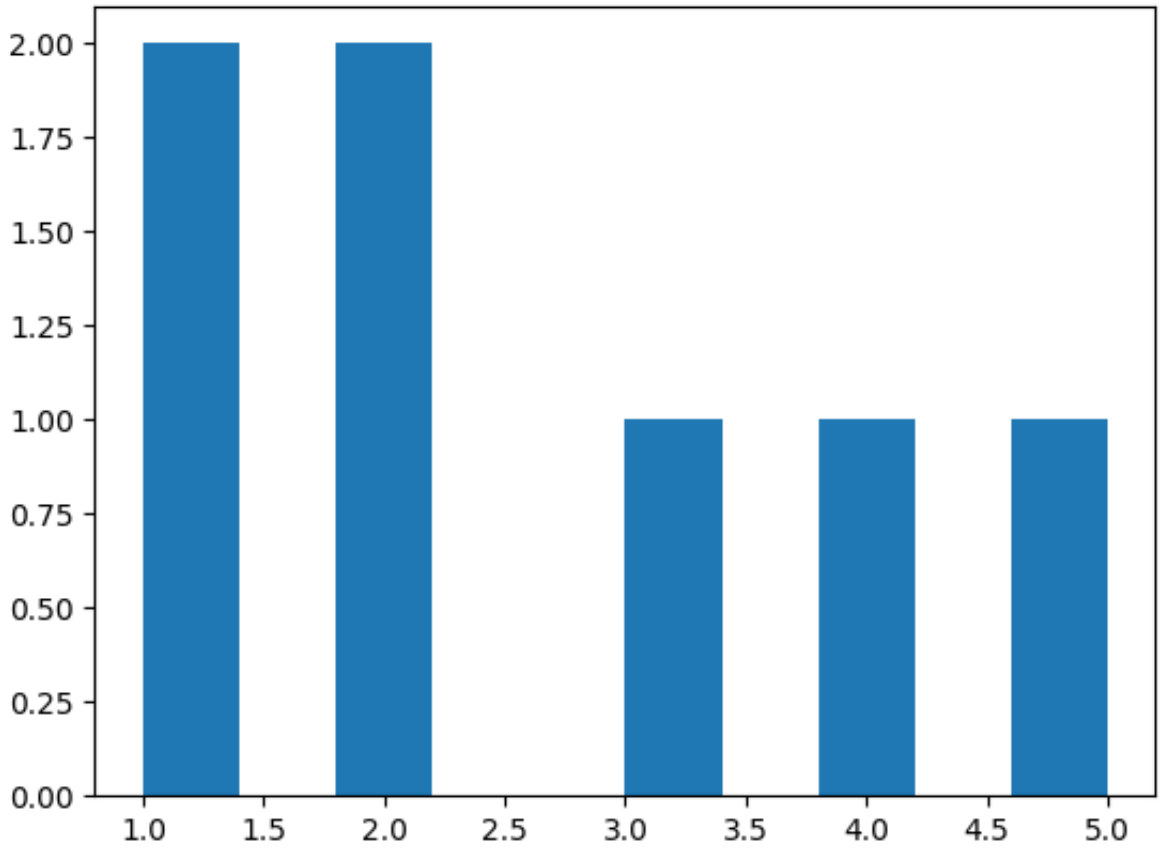
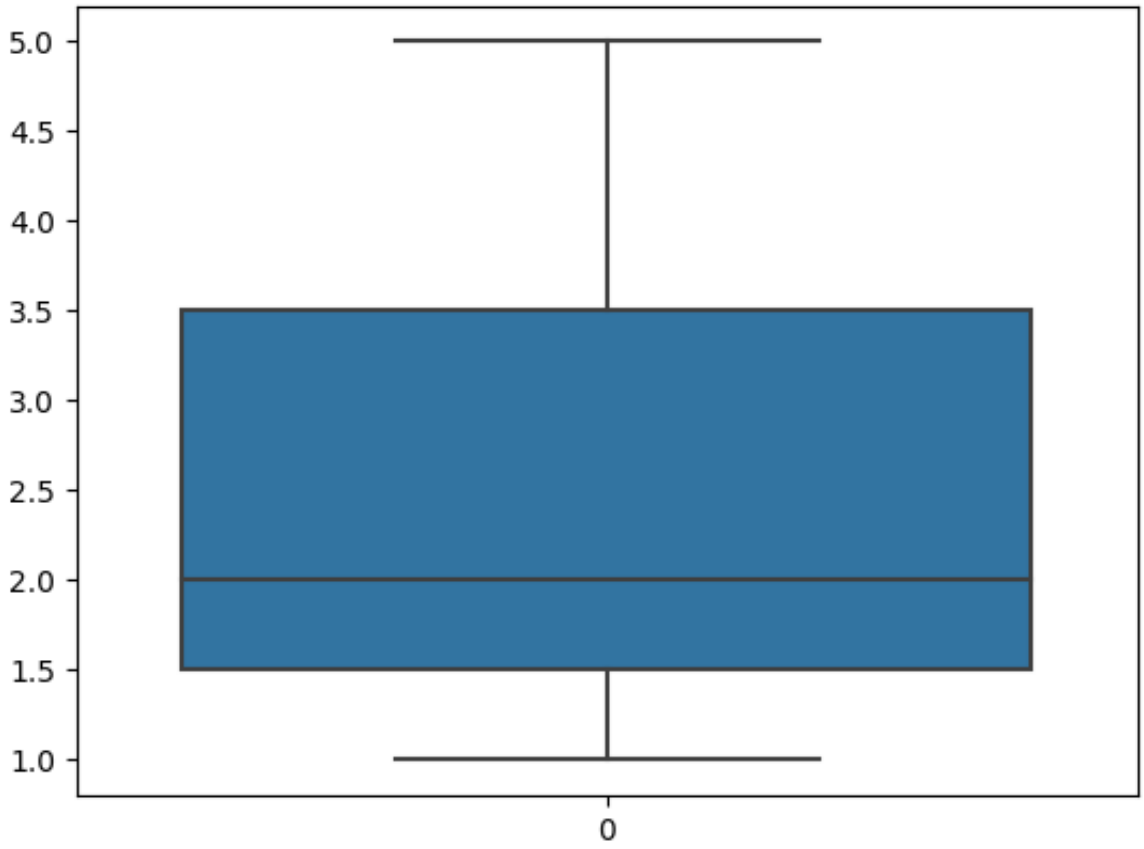
```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
x = [1, 2, 3, 4, 5]
y = [101, 111, 103, 118, 120]
plt.scatter(x, y)
plt.show()
```



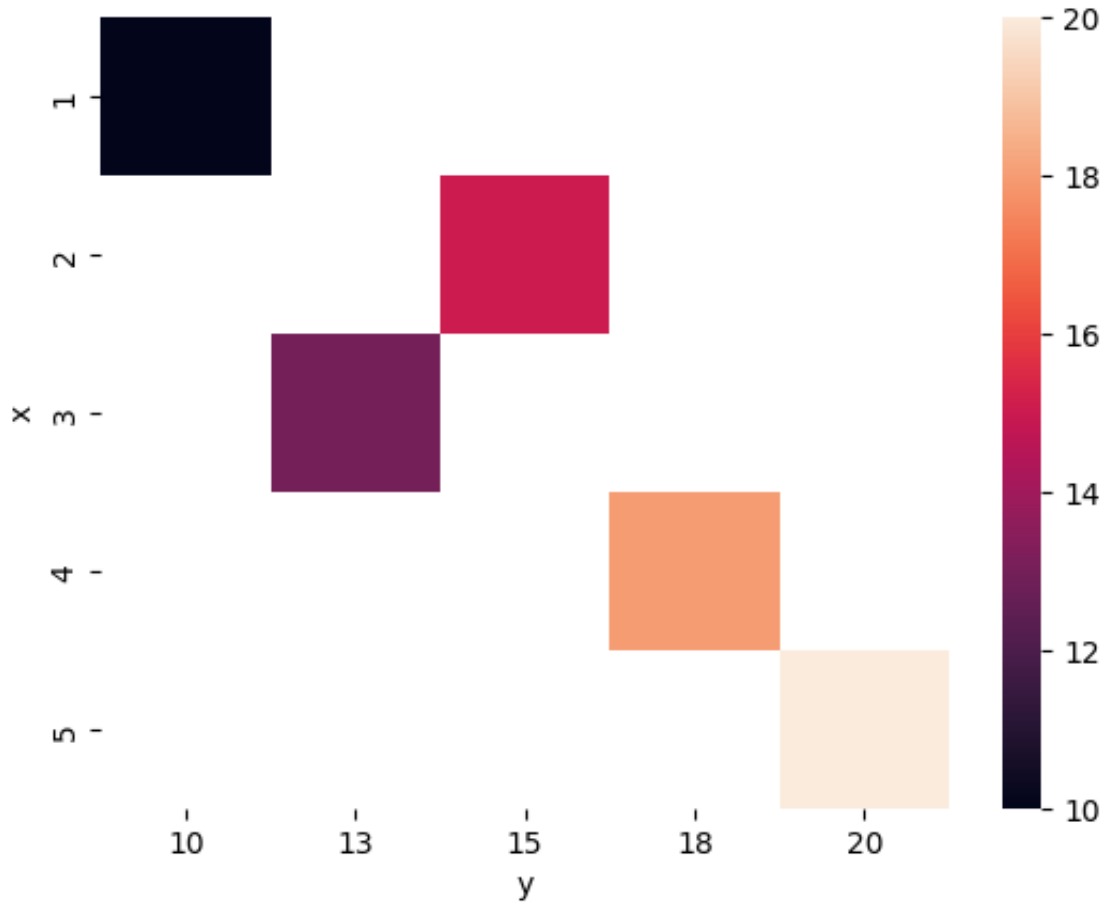
```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
x = [1, 2, 3, 4, 5, 1, 2]
plt.hist(x)
plt.show()
```



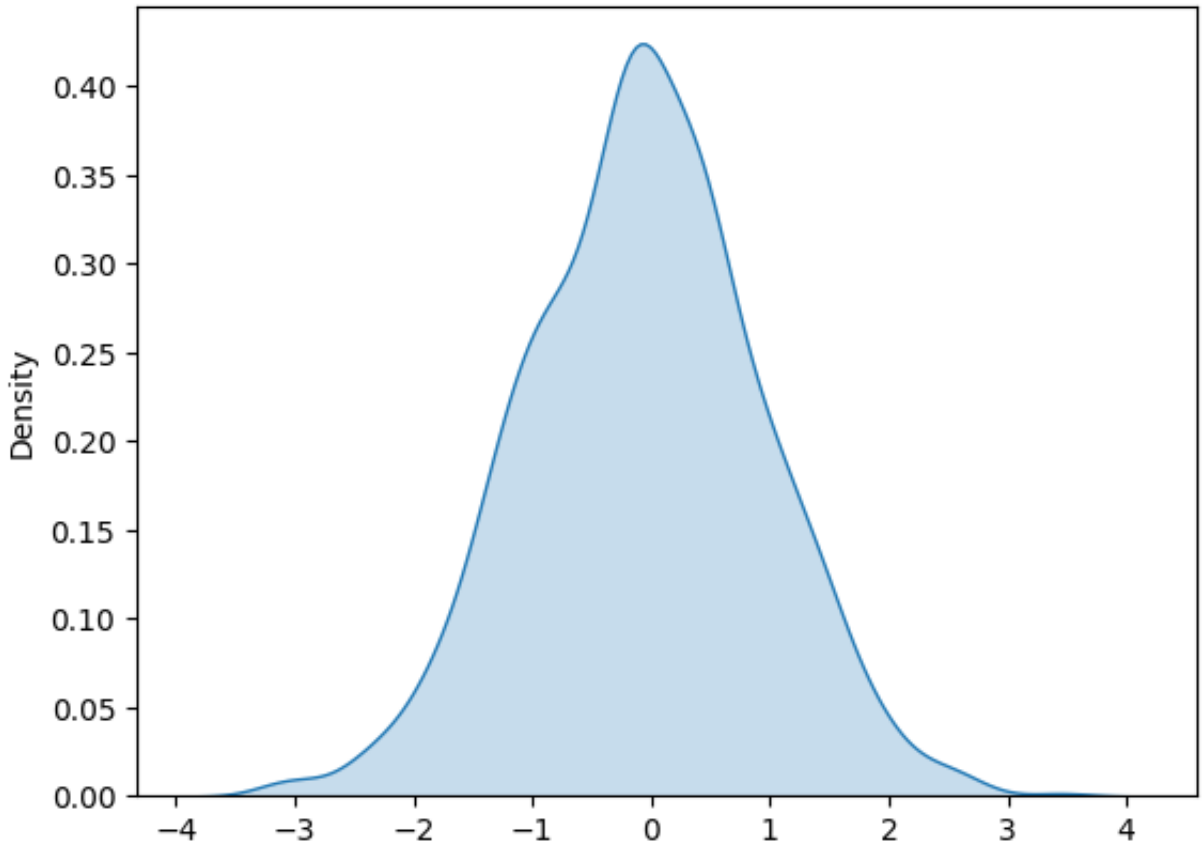
```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
x = [1, 2, 3, 4, 5, 1, 2]
sns.boxplot(x)
plt.show()
```



```
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
x = [1, 2, 3, 4, 5]
y = [10, 15, 13, 18, 20]
value = [10, 15, 13, 18, 20]
df = pd.DataFrame({'x': x, 'y': y, 'value': value})
heatmap_data = df.pivot_table(index='x', columns='y', values='value')
sns.heatmap(heatmap_data)
plt.show()
```



```
import seaborn as sns
import matplotlib.pyplot as plt
import numpy as np
data = np.random.randn(1000)
sns.kdeplot(data,fill=True)
plt.show()
```



```
x = [1, 2, 3, 4, 5]
y = [10, 15, 13, 18, 20]
sizes = [100, 200, 300, 150, 250]
plt.scatter(x, y, s=sizes, alpha=0.5)
plt.show()
```