

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
data=pd.read_csv('/content/sample_data/iris.csv')
data
```



	SL	SW	PL	PW	Classification
0	5.1	3.5	1.4	0.2	Iris-setosa
1	4.9	3.0	1.4	0.2	Iris-setosa
2	4.7	3.2	1.3	0.2	Iris-setosa
3	4.6	3.1	1.5	0.2	Iris-setosa
4	5.0	3.6	1.4	0.2	Iris-setosa
...
145	6.7	3.0	5.2	2.3	Iris-virginica
146	6.3	2.5	5.0	1.9	Iris-virginica
147	6.5	3.0	5.2	2.0	Iris-virginica
148	6.2	3.4	5.4	2.3	Iris-virginica
149	5.9	3.0	5.1	1.8	Iris-virginica

150 rows × 5 columns

```
data.columns
```

```
Index(['SL', 'SW', 'PL', 'PW', 'Classification'], dtype='object')
```

```
data['SL'].mean()
```

```
5.8433333333333334
```

```
data['SW'].mean()
```

```
3.0540000000000003
```

```
data['PL'].mean()
```

```
3.7586666666666666
```

```
data['PW'].mean()
```

```
1.1986666666666668
```

```
data.index
```

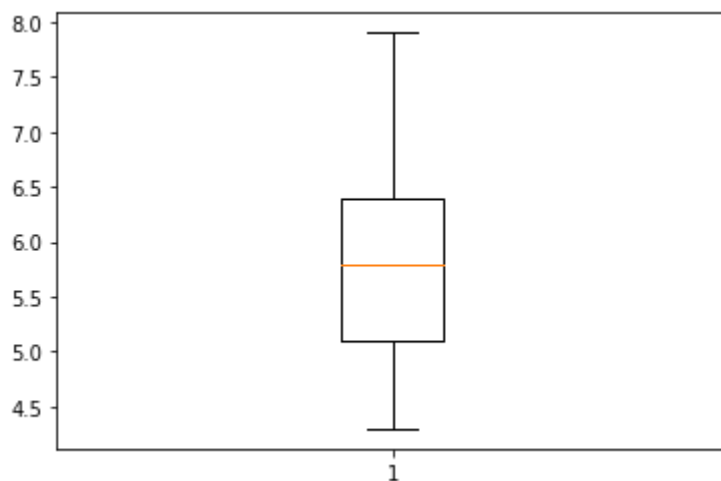
```
RangeIndex(start=0, stop=150, step=1)
```

```
data
```

```
-----  
NameError                                Traceback (most recent call last)  
<ipython-input-13-c5d84736ba45> in <module>  
----> 1 data  
  
NameError: name 'data' is not defined
```

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```
plt.boxplot(data['SL'])  
plt.show()
```



```
data
```

```
-----  
NameError                                Traceback (most recent call last)  
<ipython-input-11-c5d84736ba45> in <module>  
----> 1 data
```

NameError: name 'data' is not defined

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