

```
import pandas as pd
```

```
df = pd.read_csv('Iris.csv')
df
```



	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
0	1	5.1	3.5	1.4	0.2	Iris-setosa
1	2	4.9	3.0	1.4	0.2	Iris-setosa
2	3	4.7	3.2	1.3	0.2	Iris-setosa
3	4	4.6	3.1	1.5	0.2	Iris-setosa
4	5	5.0	3.6	1.4	0.2	Iris-setosa
...
145	146	6.7	3.0	5.2	2.3	Iris-virginica
146	147	6.3	2.5	5.0	1.9	Iris-virginica
147	148	6.5	3.0	5.2	2.0	Iris-virginica
148	149	6.2	3.4	5.4	2.3	Iris-virginica
149	150	5.9	3.0	5.1	1.8	Iris-virginica

150 rows x 6 columns

```
df['Species'].unique()

array(['Iris-setosa', 'Iris-versicolor', 'Iris-virginica'], dtype=object)
```

```
df['setosa'] = len(df['Species'] == 'Iris-setosa')
df['versicolor'] = len(df['Species'] == 'Iris-versicolor')
df['virginica'] = len(df['Species'] == 'Iris-virginica')
```

```
print(len(df['setosa']))
print(len(df['versicolor']))
print(len(df['virginica']))
```

150
150
150

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

```
plt.pie(labels=['setosa', 'versicolor', 'virginica'], x=[len(df['setosa']), len(df['versicolor']), len(df['virginica'])])
plt.show
```

<function matplotlib.pyplot.show>



