```
In [4]: import pandas as pd
        data = pd.read_csv("/home/mca01/Downloads/Iris.csv")
        print('Iris-setosa')
        setosa = data['Variety'] == 'Iris-setosa'
        print(data[setosa].describe())
        print('\nIris-versicolor')
        setosa = data['Variety'] == 'Iris-versicolor'
        print(data[setosa].describe())
        print('\nIris-virginica')
        setosa = data['Variety'] == 'Iris-virginica'
        print(data[setosa].describe())
```

```
Iris-setosa
              Id  SepalLengthCm  SepalWidthCm  PetalLengthCm  PetalWidthCm
count  50.00000       50.00000     50.000000      50.000000      50.00000
mean   25.50000        5.00600      3.418000       1.464000       0.24400
std    14.57738        0.35249      0.381024       0.173511       0.10721
min     1.00000        4.30000      2.300000       1.000000       0.10000
25%    13.25000        4.80000      3.125000       1.400000       0.20000
50%    25.50000        5.00000      3.400000       1.500000       0.20000
75%    37.75000        5.20000      3.675000       1.575000       0.30000
max    50.00000        5.80000      4.400000       1.900000       0.60000

Iris-versicolor
              Id  SepalLengthCm  SepalWidthCm  PetalLengthCm  PetalWidthCm
count  50.00000      50.000000     50.000000      50.000000     50.000000
mean   75.50000       5.936000      2.770000       4.260000      1.326000
std    14.57738       0.516171      0.313798       0.469911      0.197753
min    51.00000       4.900000      2.000000       3.000000      1.000000
25%    63.25000       5.600000      2.525000       4.000000      1.200000
50%    75.50000       5.900000      2.800000       4.350000      1.300000
75%    87.75000       6.300000      3.000000       4.600000      1.500000
max   100.00000       7.000000      3.400000       5.100000      1.800000

Iris-virginica
              Id  SepalLengthCm  SepalWidthCm  PetalLengthCm  PetalWidthCm
count  50.00000       50.00000     50.000000      50.000000      50.00000
mean  125.50000        6.58800      2.974000       5.552000       2.02600
std    14.57738        0.63588      0.322497       0.551895       0.27465
min   101.00000        4.90000      2.200000       4.500000       1.40000
25%   113.25000        6.22500      2.800000       5.100000       1.80000
50%   125.50000        6.50000      3.000000       5.550000       2.00000
75%   137.75000        6.90000      3.175000       5.875000       2.30000
max   150.00000        7.90000      3.800000       6.900000       2.50000
```

```
In [5]: data
```

Out[5]:

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

150 rows × 6 columns

In [ ]: