Experiment 4:

Factors to evaluate mean, median, standard deviation of data maximum, minimum

Normal-ECG.csv

```
C: > Users > aryan > Downloads >  exp4.py > ...

1    import pandas as pd

2    file = pd.read_csv("Normal-ECG.csv")

3    mean = file.mean()

4    median = file.median()

5    std = file.std()

6    max = file.max()

7    min = file.min()

8    print("mean = ",mean)

9    print("median = ",median)

10    print("standard deviation = ",std)

11    print("maximum value = ",max)

12    print("minimum value = ",min)
```

Dia-ECG.csv

```
C: > Users > aryan > Downloads >  exp4_2.py > ...
    import pandas as pd
    file = pd.read_csv('Dia-ECG.csv')
    mean = file.mean()
    median = file.median()
    std = file.std()
    max = file.max()
    min = file.min()
    print("mean = ",mean)
    print("median = ",median)
    print("standard deviation = ",std)
    print("maximum value = ",max)
    print("minimum value = ",min)
```

Table for comparison between Normal and Diabetic data sets

	Normal	Diabetic
Mean	-0.12933901	-0.22543783
Median	-2	1
Standard Deviation	89.98621498	66.43008691
Maximum	735	584
Minimun	-961	-1741