Experiment 4:

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

Normal-ECG.csv

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

```
import pandas as pd
file = pd.read_csv("Normal-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)
```

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