

## import the required libraries

In [2]:

```
import numpy as np
import pandas as pd
```

references

<https://www.geeksforgeeks.org/python-minimum-value-keys-in-dictionary/>  
(<https://www.geeksforgeeks.org/python-minimum-value-keys-in-dictionary/>)

## read the dataset and print highlevel stats

In [16]:

```
c_csv=pd.read_csv('5_c.csv')
c_csv.head(10)
c_csv.describe()
```

Out[16]:

	y	prob
0	0	0.458521
1	0	0.505037
2	0	0.418652
3	0	0.412057
4	0	0.375579
5	0	0.595387
6	0	0.370288
7	0	0.299273
8	0	0.297000
9	0	0.266479

**compute A(custom metric) and also return the threshold value which gives lowest A score.**

