

Mapping old and new ID_DEMO's

🕒 Created	@Dec 22, 2020 6:14 PM
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Without Income data

```
AUROC - 0.8808422381621211
      precision    recall  f1-score   support

     0       1.00      0.80      0.89      50085
     1       0.02      0.80      0.05         303

 accuracy          0.80      50388
 macro avg          0.51      0.80      0.47      50388
weighted avg          0.99      0.80      0.88      50388

Accuracy of Model is 0.7985
(array([0, 1]), array([50085,   303]))
[[39993 10092]
 [   62   241]]
```

With Income data

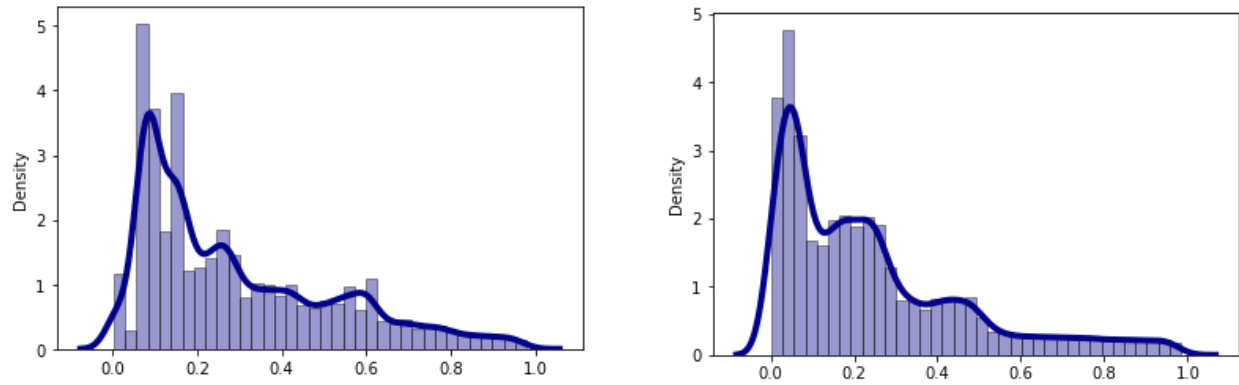
```
AUROC - 0.9070467152873596
      precision    recall  f1-score   support

     0       1.00      0.88      0.93      35513
     1       0.04      0.79      0.08         250

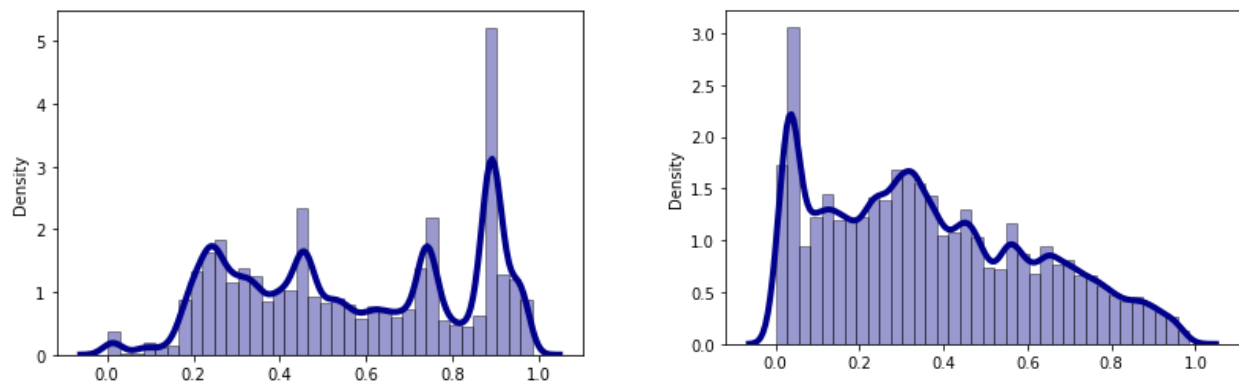
 accuracy          0.88      35763
 macro avg          0.52      0.84      0.51      35763
weighted avg          0.99      0.88      0.93      35763

Accuracy of Model is 0.8777
(array([0, 1]), array([35513,   250]))
[[31191  4322]
 [   52   198]]
```

Density on test data without and with Income



Density of validation data without and with Income



Overlapping ROC curve

