MLP Output

relu 8 200 0.001 0.6 normal 64 16 64 64

--------------------->>>>>>>>>>Fold no = 1

Detailed classification report for current fold:

```
              precision    recall  f1-score   support

           0       0.94      0.82      0.87        88
           1       0.69      0.88      0.77        40

    accuracy                           0.84       128
   macro avg       0.81      0.85      0.82       128
weighted avg       0.86      0.84      0.84       128
```

Area Under ROC (AUC): 0.875284090909091

Confusion Matrix for current fold:
[[72 16]
 [5 35]]

Accuracy for Current Fold: 0.8359375

```
------------------->>>>>>>>>Fold no =  2

Detailed classification report for current fold:

              precision    recall  f1-score   support

           0       0.88      0.94      0.91        87
           1       0.85      0.72      0.78        40

    accuracy                           0.87       127
   macro avg       0.87      0.83      0.85       127
weighted avg       0.87      0.87      0.87       127


Area Under ROC (AUC): 0.8847701149425288

Confusion Matrix for current fold:
[[82  5]
 [11 29]]

Accuracy for Current Fold: 0.8740157480314961
```

```
--------------------->>>>>>>>>>Fold no =  3

Detailed classification report for current fold:

              precision    recall  f1-score   support

           0       0.88      0.93      0.91        87
           1       0.83      0.72      0.77        40

    accuracy                           0.87       127
   macro avg       0.85      0.83      0.84       127
weighted avg       0.86      0.87      0.86       127


Area Under ROC (AUC): 0.928735632183908

Confusion Matrix for current fold:
[[81  6]
 [11 29]]

Accuracy for Current Fold: 0.8661417322834646
```

```
--------------------->>>>>>>>>>Fold no =  4

Detailed classification report for current fold:

              precision    recall  f1-score   support

           0       0.89      0.92      0.91        88
           1       0.81      0.74      0.77        39

    accuracy                           0.87       127
   macro avg       0.85      0.83      0.84       127
weighted avg       0.86      0.87      0.86       127


Area Under ROC (AUC): 0.9192890442890442

Confusion Matrix for current fold:
[[81  7]
 [10 29]]

Accuracy for Current Fold: 0.8661417322834646
```

```
--------------------->>>>>>>>>>Fold no =  5
```

```
Detailed classification report for current fold:

              precision    recall  f1-score   support

           0       0.88      0.89      0.88        88
           1       0.74      0.72      0.73        39

    accuracy                           0.83       127
   macro avg       0.81      0.80      0.80       127
weighted avg       0.83      0.83      0.83       127


Area Under ROC (AUC): 0.8997668997668997

Confusion Matrix for current fold:
[[78 10]
 [11 28]]

Accuracy for Current Fold: 0.8346456692913385
```
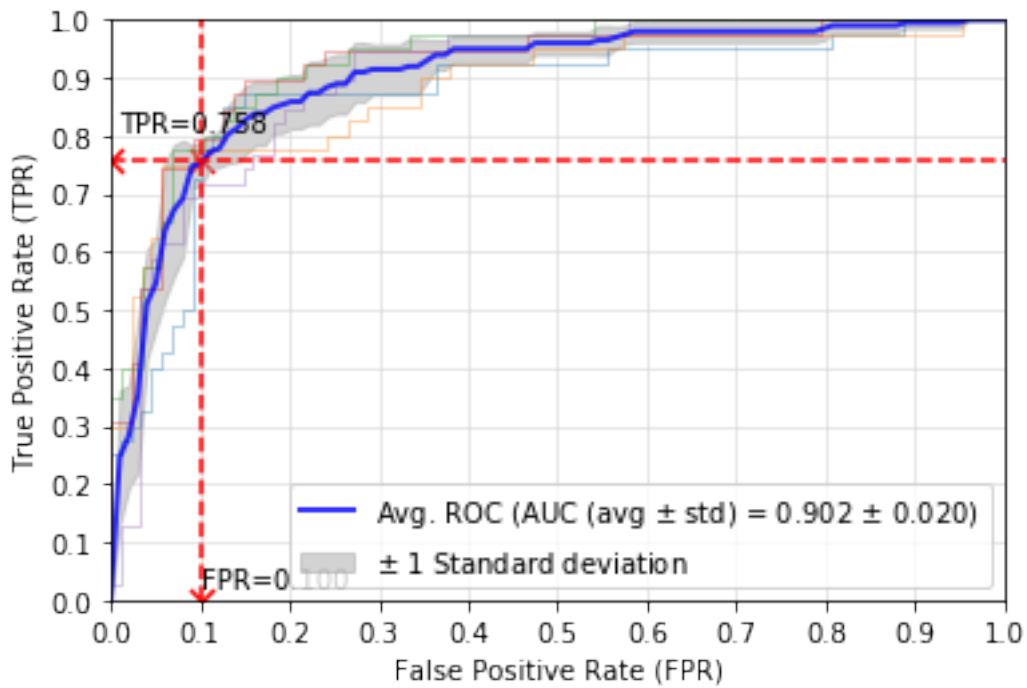
```
--------------------Average--------------------
AUC (Avg. +/- Std.) is  0.902 +/- 0.020
Accuracy (Avg. +/- Std.) is  0.855 +/- 0.017
Avg. CM is [[30, 8], [9, 78]]
Total for all folds CM is [[150, 44], [48, 394]]
Sensitivity (Avg. +/- Std.) is  0.757 +/- 0.059
Specificity (Avg. +/- Std.) is  0.900 +/- 0.045
Precision (Avg. +/- Std.) is  0.782 +/- 0.062
FOR (Avg. +/- Std.) is  0.107 +/- 0.022
DOR (Avg. +/- Std.) is  32.748 +/- 7.570
```