

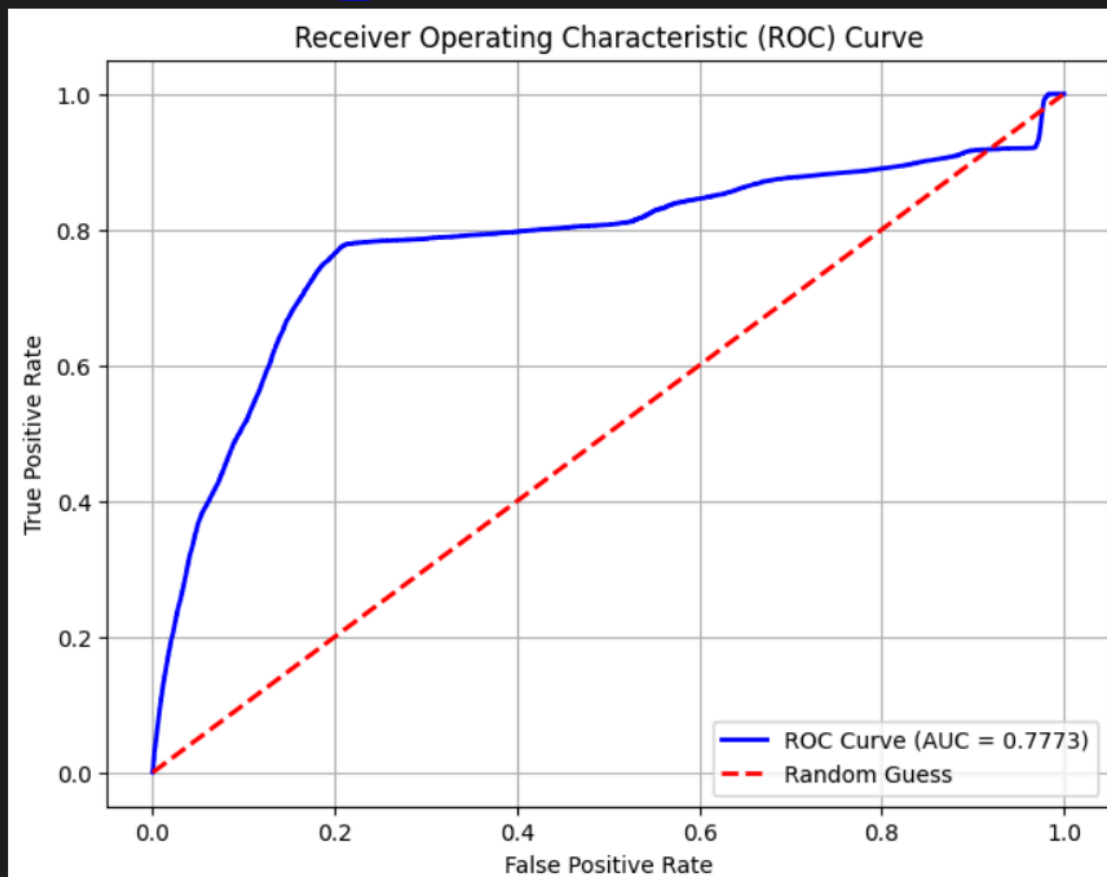
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## Weekly 2

### Logistic Regression -

```
136] ✓ 0.0s  
... LR Accuracy: 0.7665842529132656  
Precision: 0.7269270525694034  
Confusion Matrix:  
[[64644 7397]  
 [18282 19691]]
```

AUC Score: 0.7772938387741397



## Tensor Flow - Keras - Neural Network:

```
from sklearn.metrics import accuracy_score, confusion_matrix, precision_score

print("NN Accuracy:", accuracy_score(y_test, predictions))
print("Precision:", precision_score(y_test, predictions))
print("Confusion Matrix:\n", confusion_matrix(y_test, predictions))
```

139] ✓ 0.0s

... NN Accuracy: 0.886950751722508  
Precision: 0.780184331797235  
Confusion Matrix:  
[[62024 10017]  
 [ 2420 35553]]

