

Model Metrics

Random Forest Model:

Classification Report:

	precision	recall	f1-score	support
0	0.64	0.83	0.72	1136
1	0.75	0.54	0.63	1114
accuracy			0.68	2250

```
hyperparameters = {  
    'bootstrap': True,  
    'class_weight': None,  
    'max_depth': 26,  
    'max_features': 'sqrt',  
    'min_samples_leaf': 1,  
    'min_samples_split': 2,  
    'n_estimators': 214,  
    'random_state': 42  
}
```

XGBoost Model

Classification Report:

	precision	recall	f1-score	support
0	0.61	0.41	0.49	1136
1	0.55	0.73	0.63	1114
accuracy			0.57	2250

Hyperparameters: Base Model used