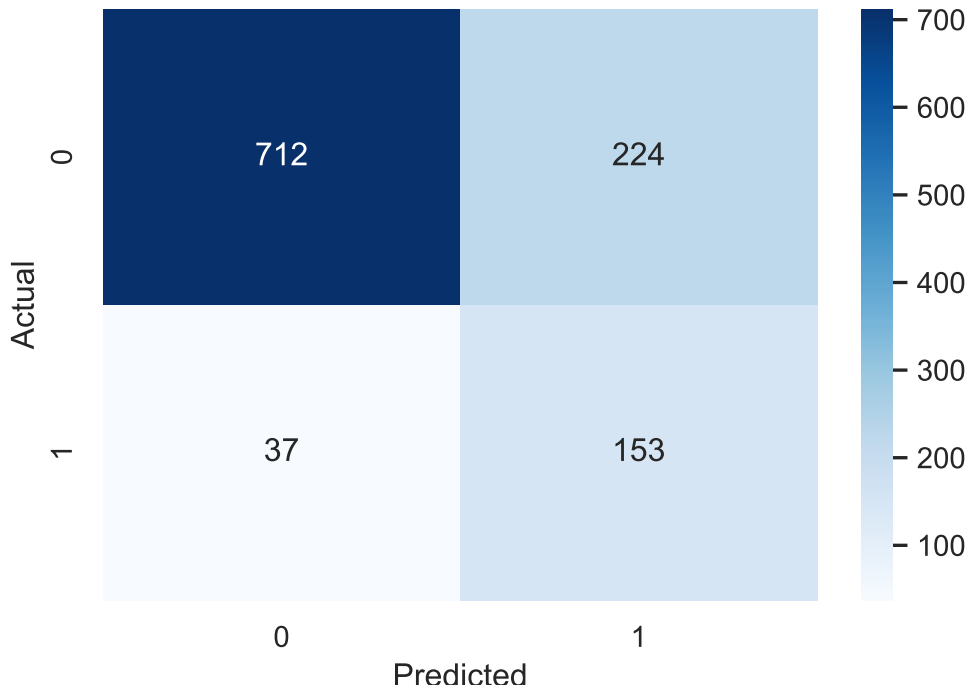
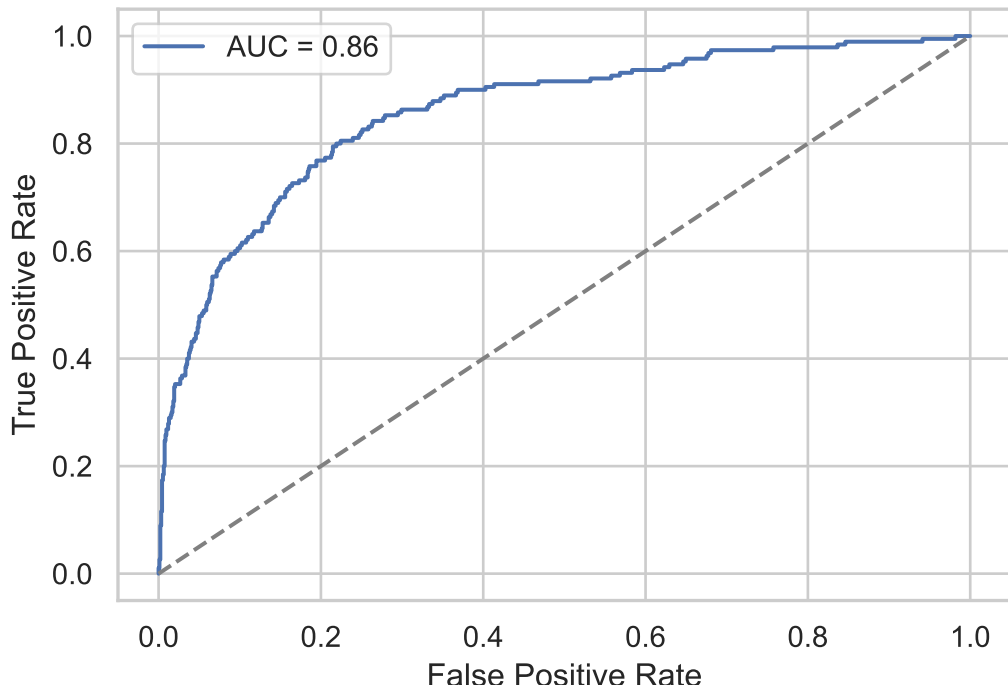


Logistic Regression - Confusion Matrix

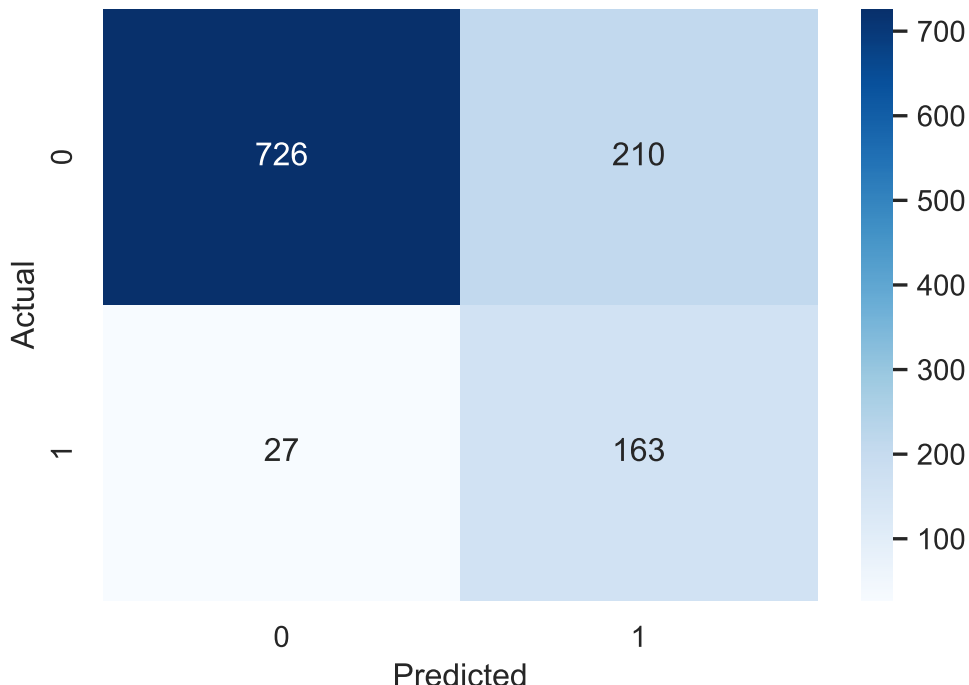


Logistic Regression - ROC Curve

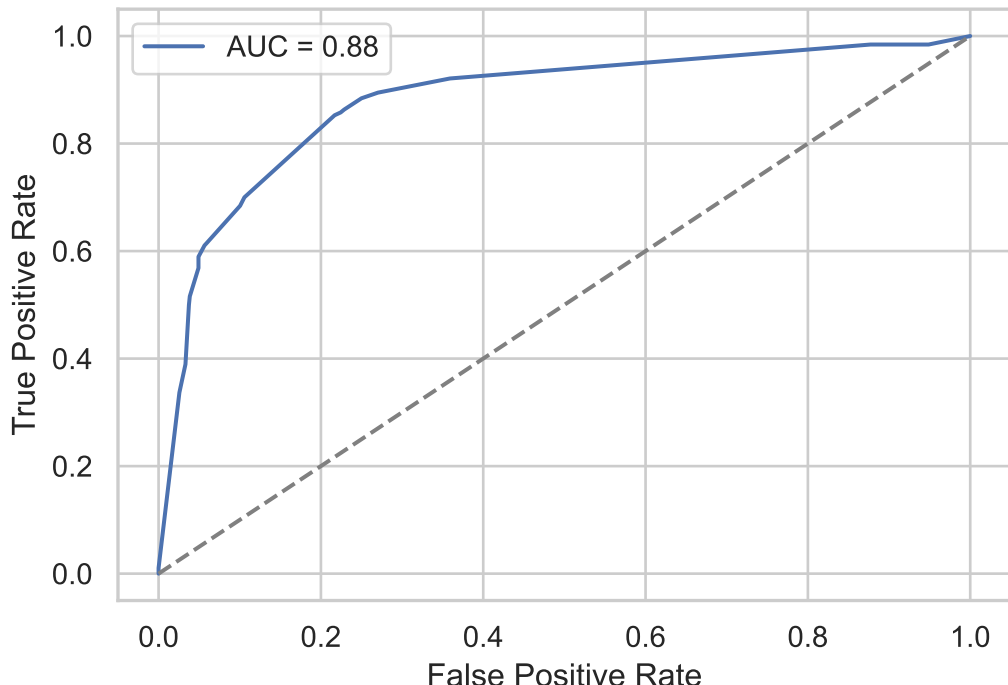


accuracy	0.77	0.77	0.77	1126
macro avg	0.68	0.78	0.69	1126
weighted avg	0.86	0.77	0.79	1126

Decision Tree - Confusion Matrix

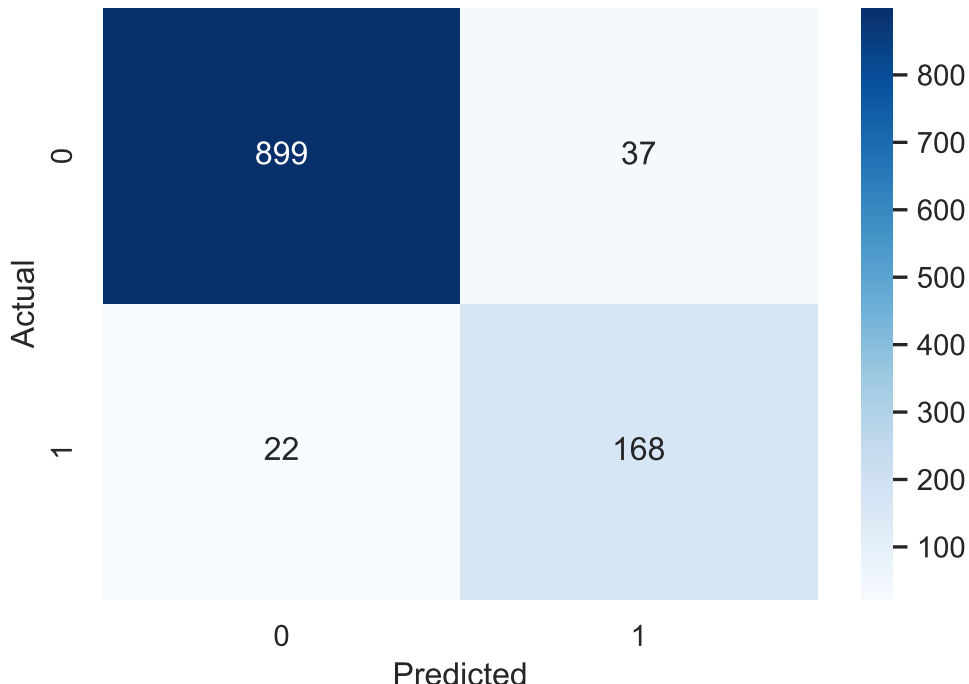


Decision Tree - ROC Curve

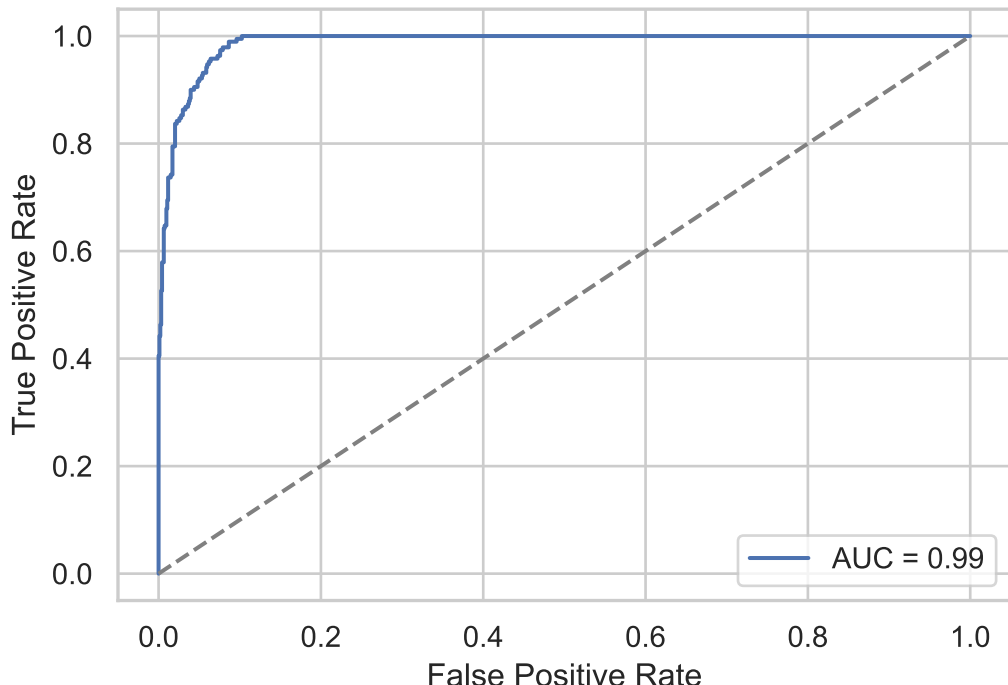


accuracy	0.75	0.75	0.75	1126
macro avg	0.70	0.82	0.72	1126
weighted avg	0.88	0.79	0.81	1126

Random Forest - Confusion Matrix



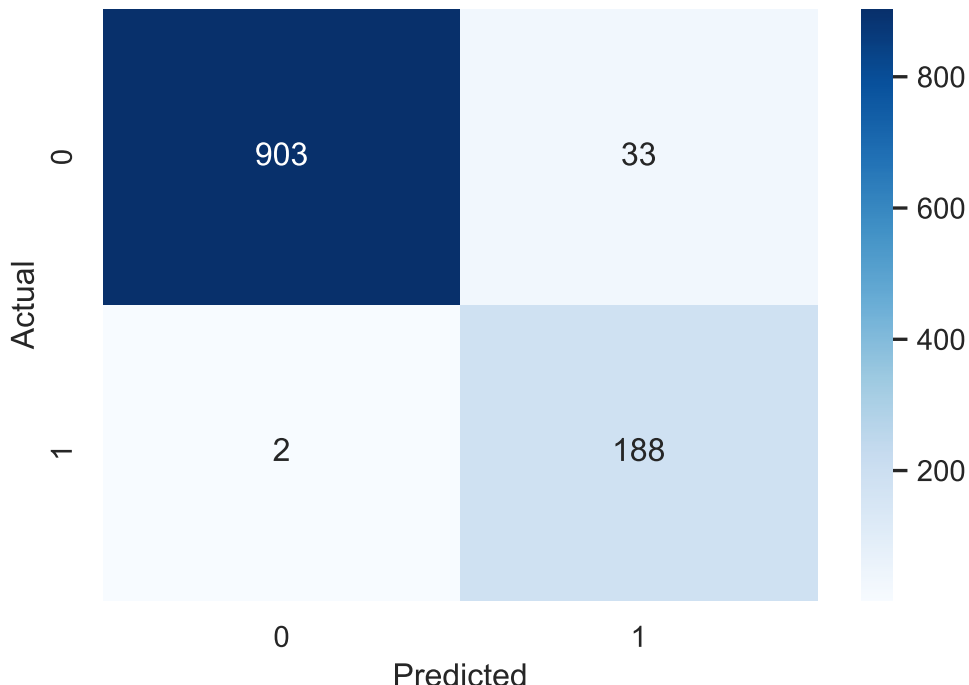
Random Forest - ROC Curve



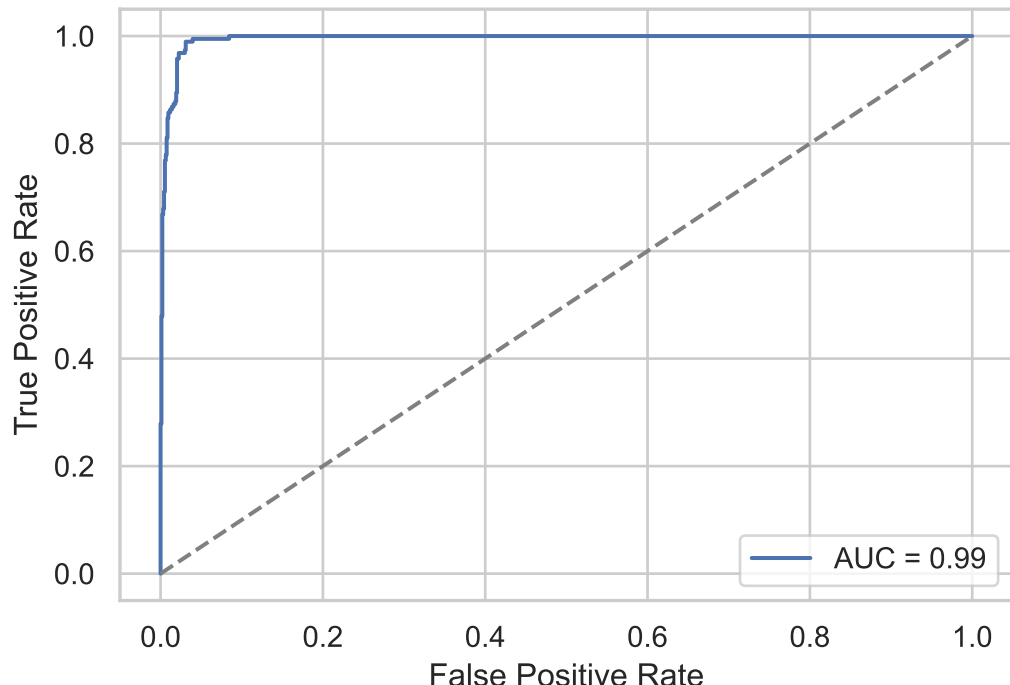


accuracy	0.90	0.92	0.91	1126
macro avg	0.90	0.92	0.91	1126
weighted avg	0.95	0.95	0.95	1126

XGBoost - Confusion Matrix

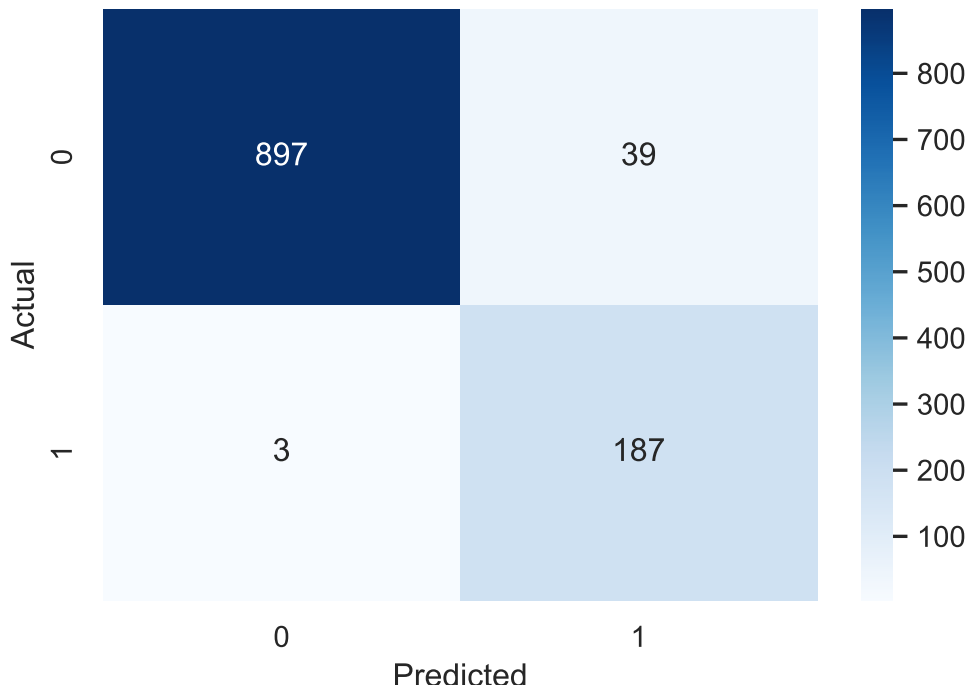


XGBoost - ROC Curve

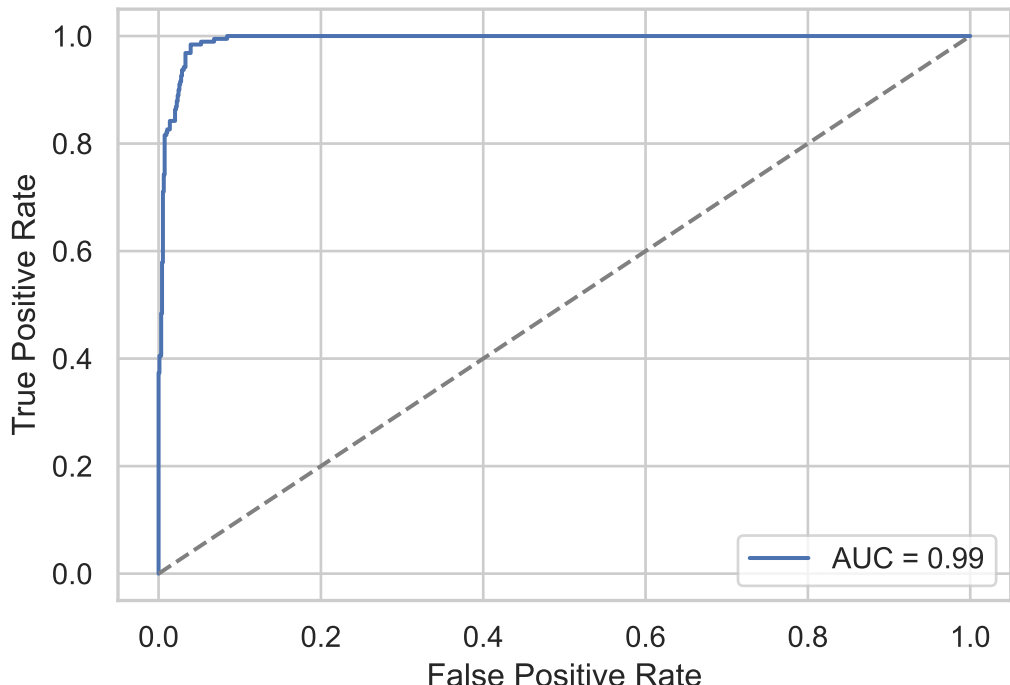


accuracy	0.92	0.98	0.95	1126
macro avg	0.92	0.98	0.95	1126
weighted avg	0.97	0.97	0.97	1126

LightGBM - Confusion Matrix

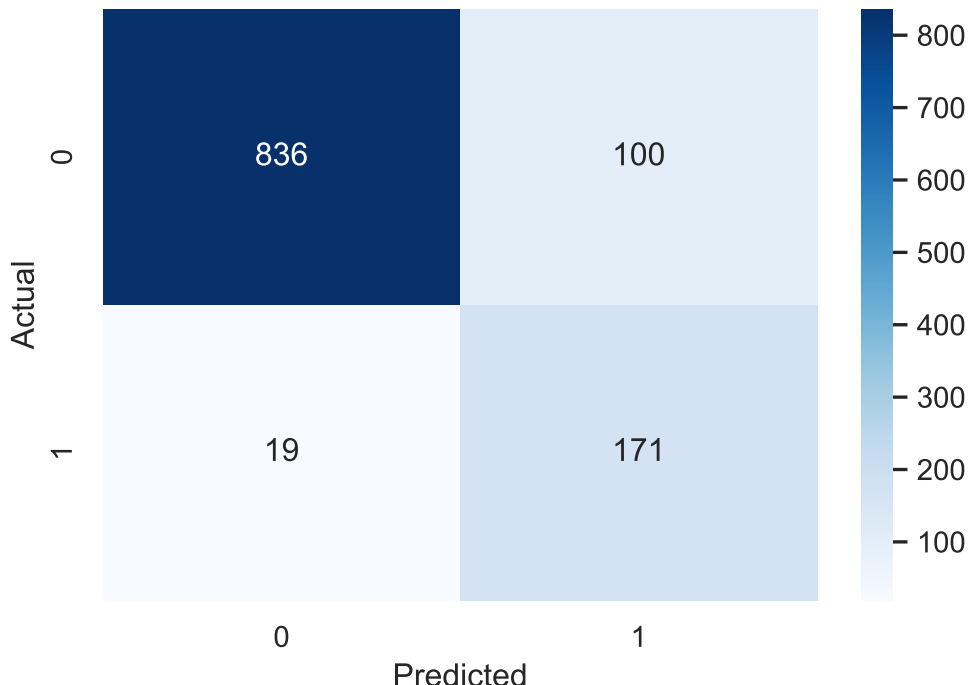


LightGBM - ROC Curve



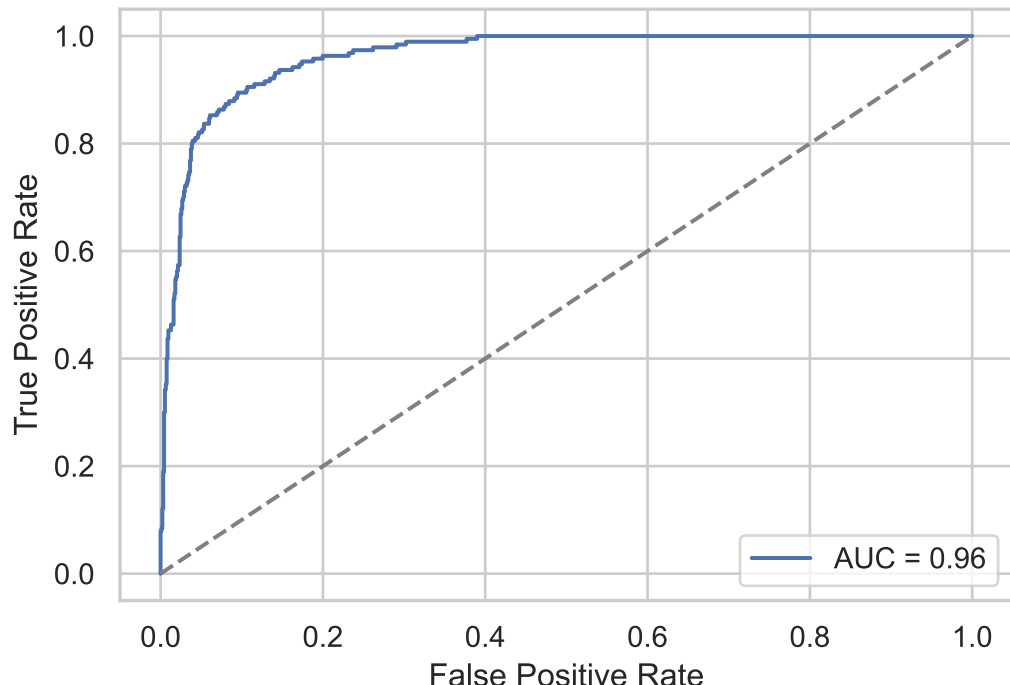
accuracy	0.93	0.95	0.93	1126
macro avg	0.91	0.97	0.94	1126
weighted avg	0.97	0.96	0.96	1126

CatBoost - Confusion Matrix



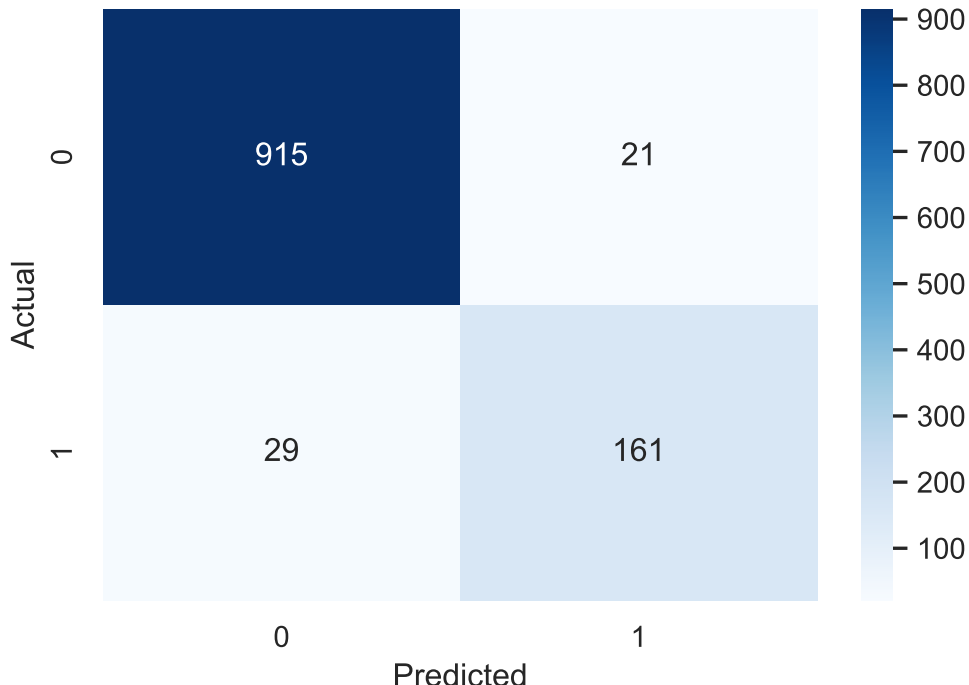


CatBoost - ROC Curve

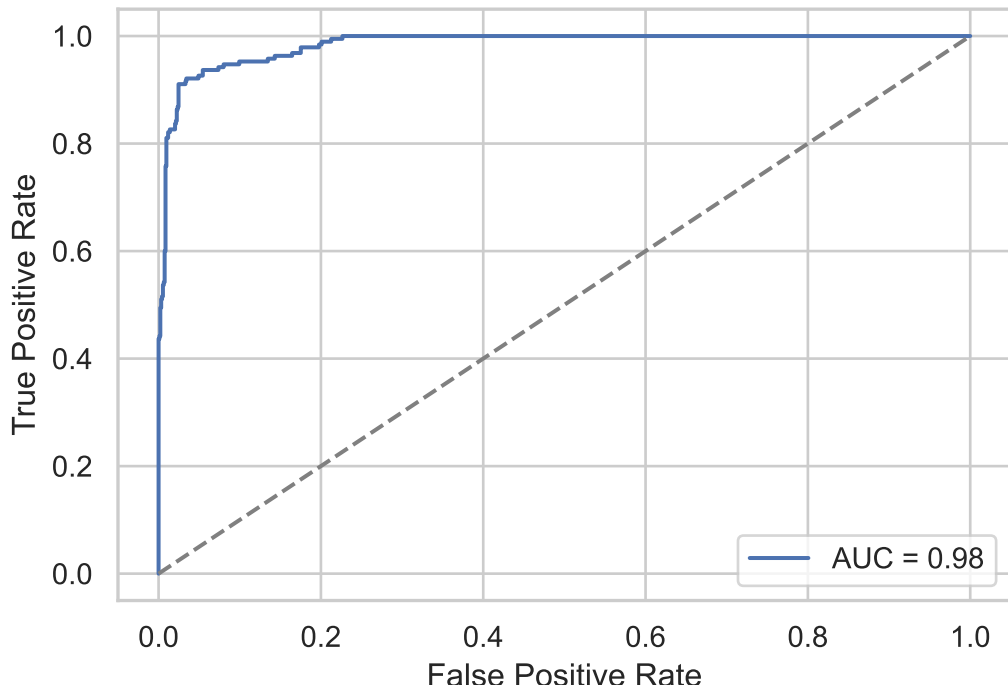


accuracy	0.80	0.90	0.89	1126
macro avg	0.80	0.90	0.84	1126
weighted avg	0.92	0.89	0.90	1126

MLP Classifier - Confusion Matrix

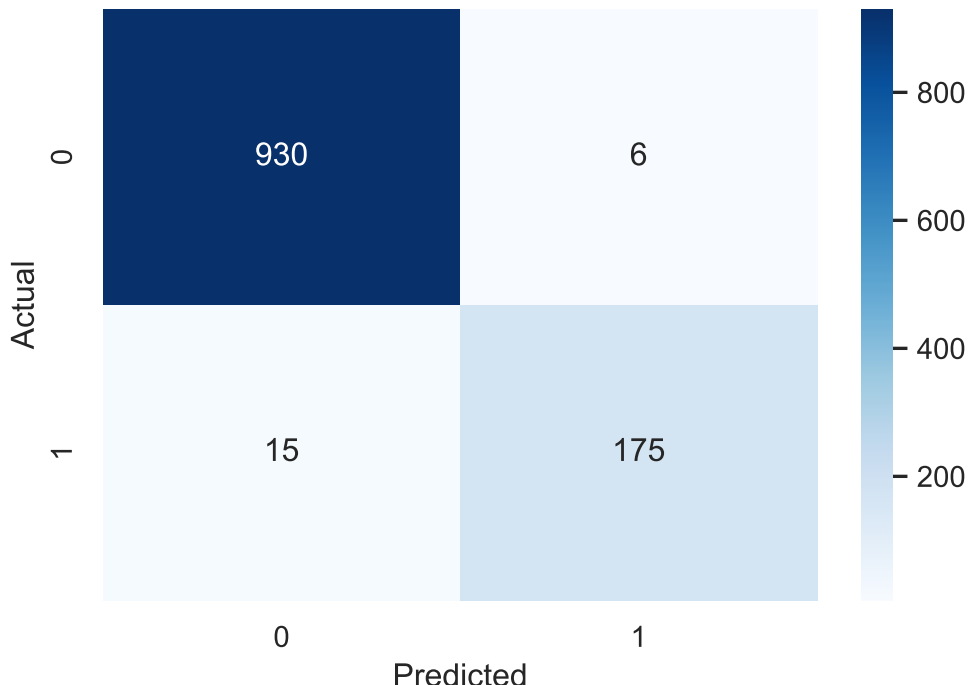


MLP Classifier - ROC Curve

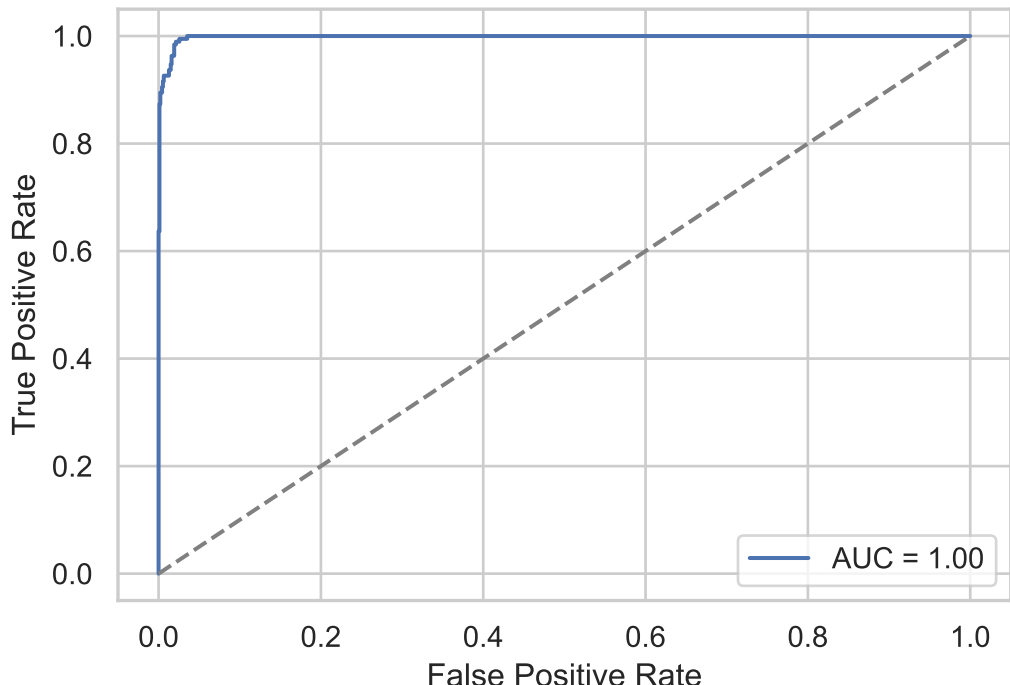


accuracy	0.93	0.91	0.92	1126
macro avg	0.93	0.91	0.92	1126
weighted avg	0.95	0.96	0.96	1126

Stacked Ensemble - Confusion Matrix



Stacked Ensemble - ROC Curve



accuracy	0.98	0.96	0.97	1126
macro avg	0.98	0.96	0.97	1126
weighted avg	0.98	0.98	0.98	1126