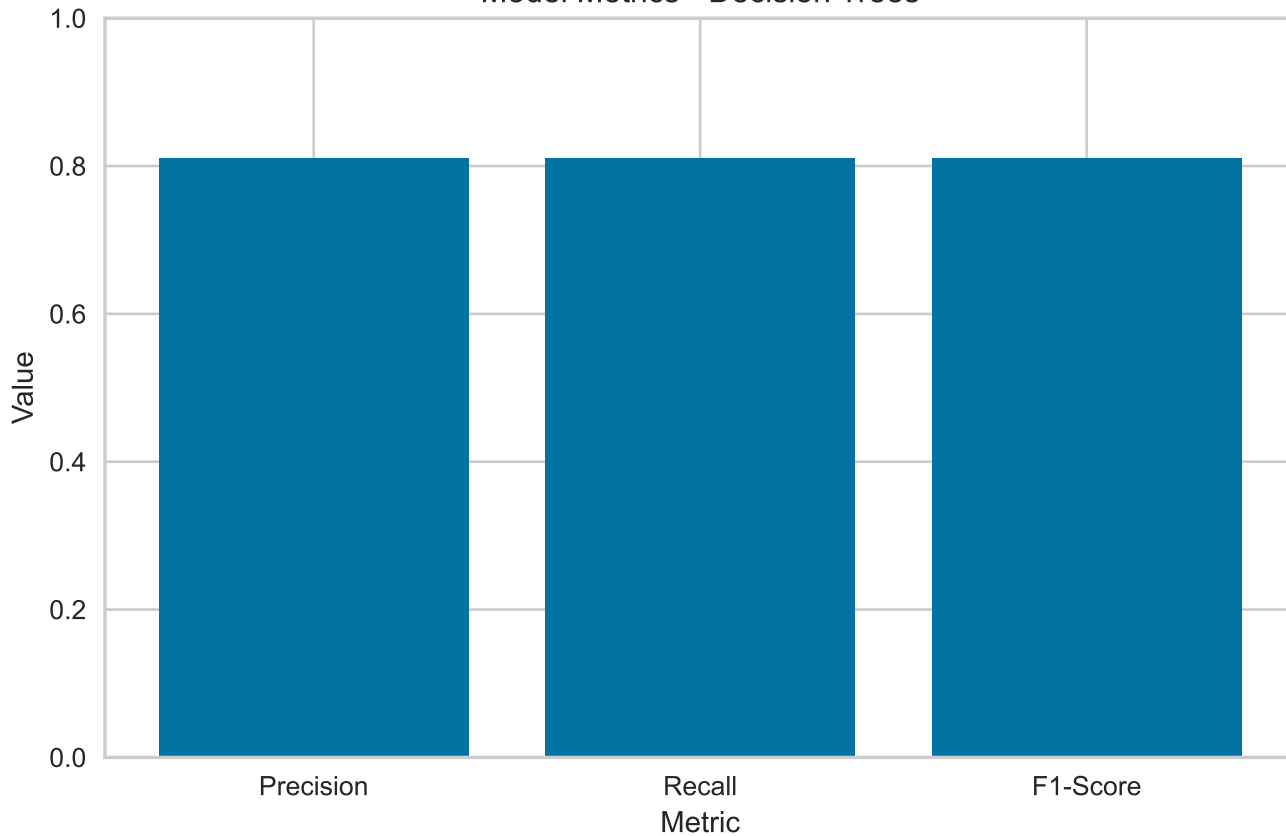
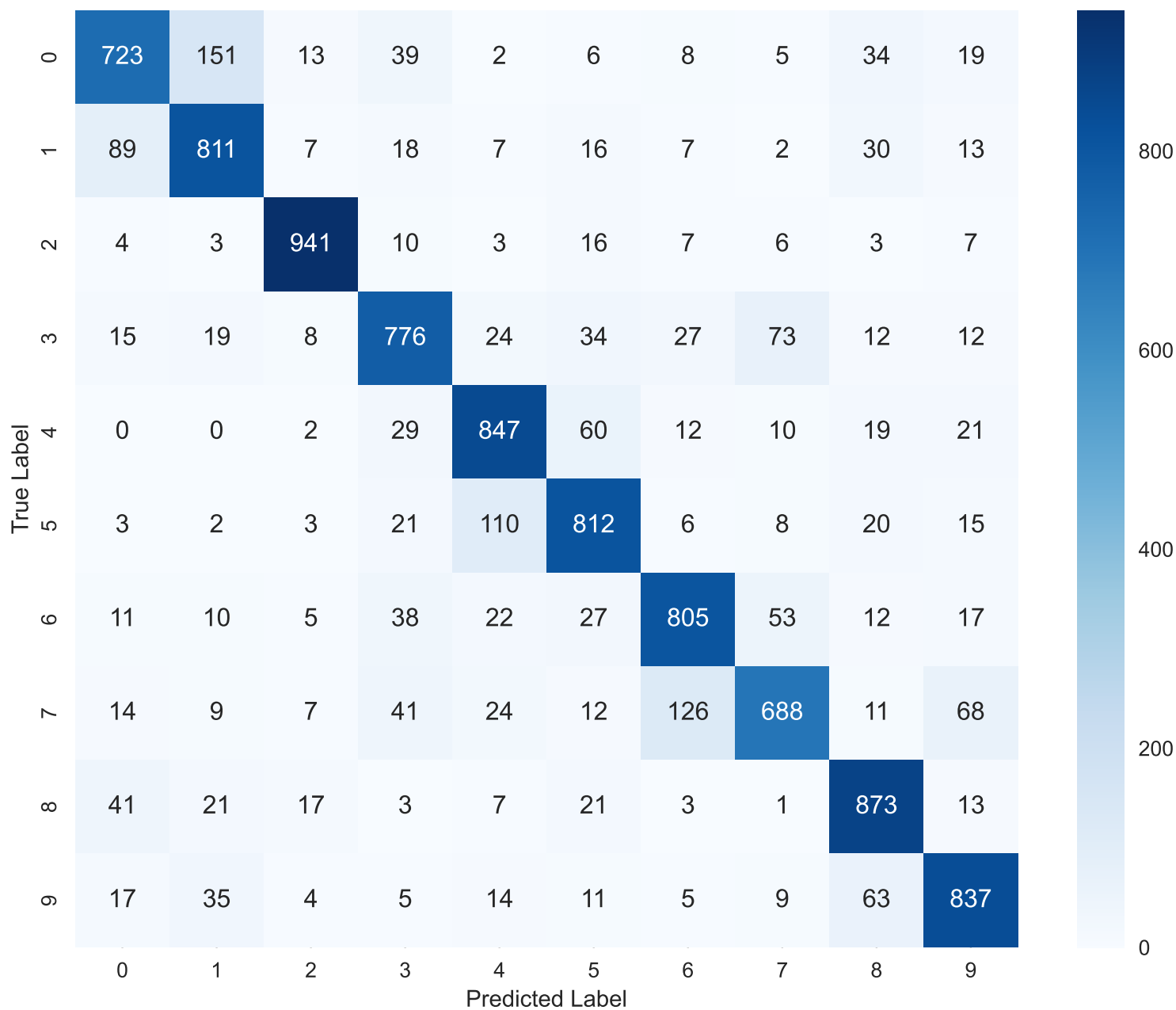


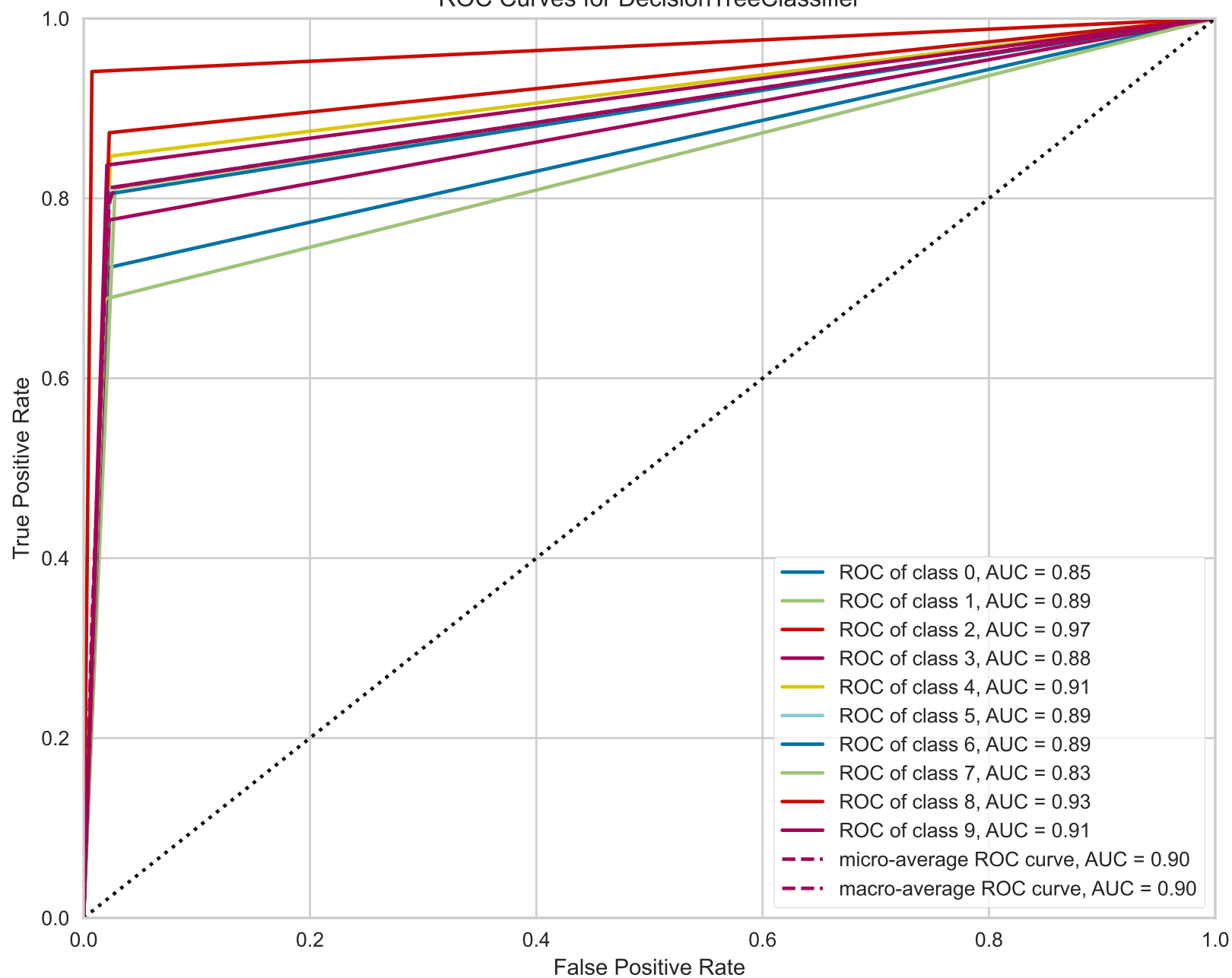
Model Metrics - Decision Trees



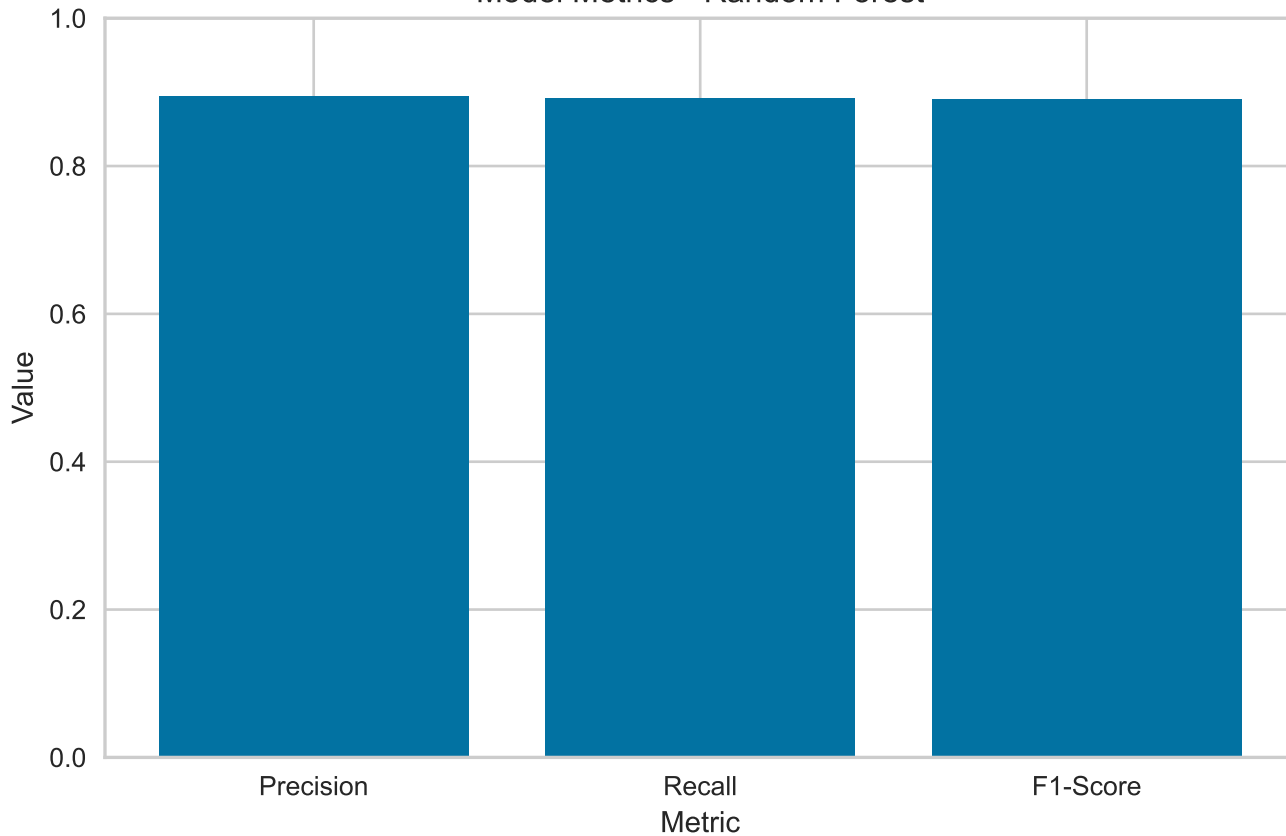
Decision Trees - Confusion Matrix



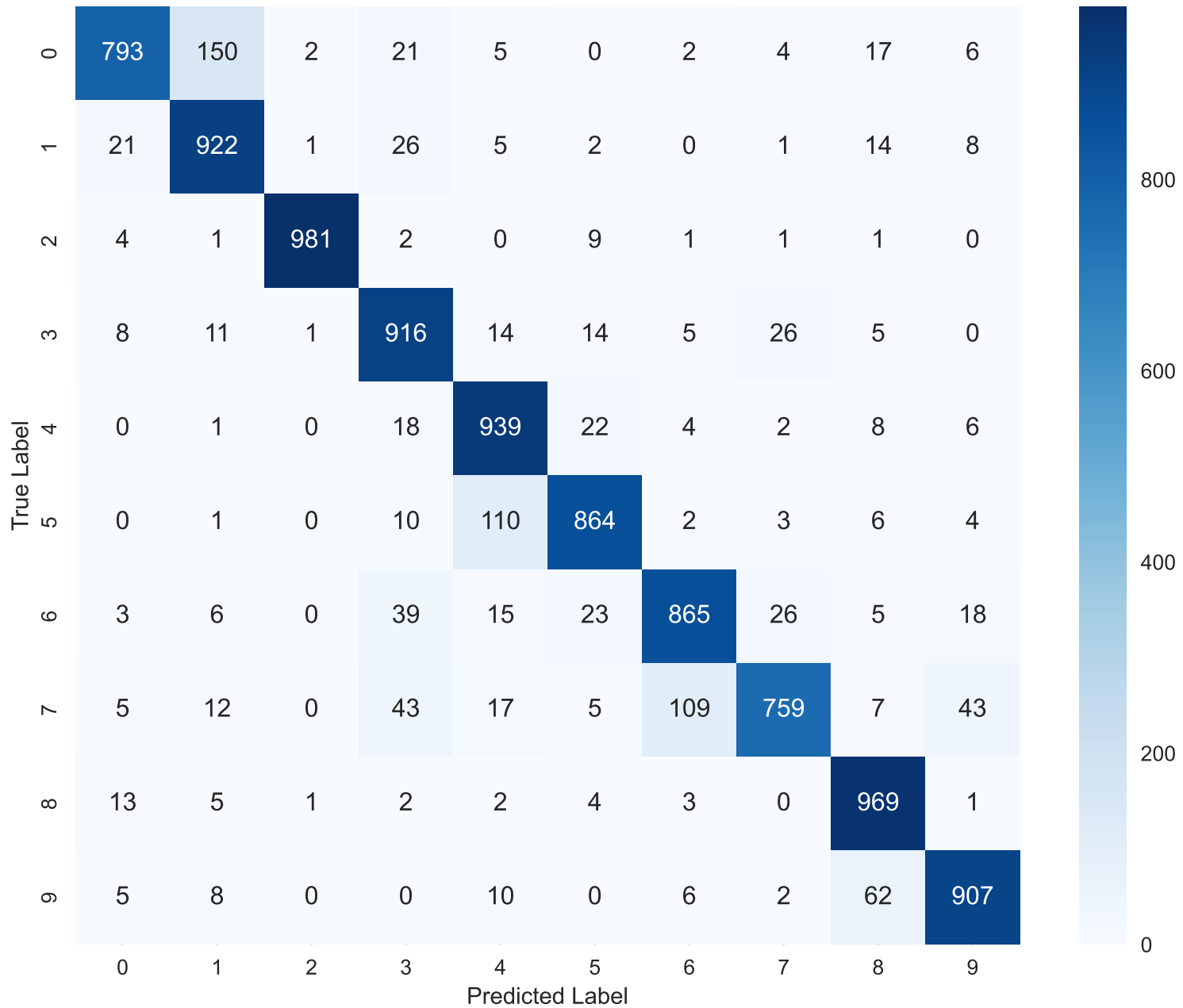
ROC Curves for DecisionTreeClassifier



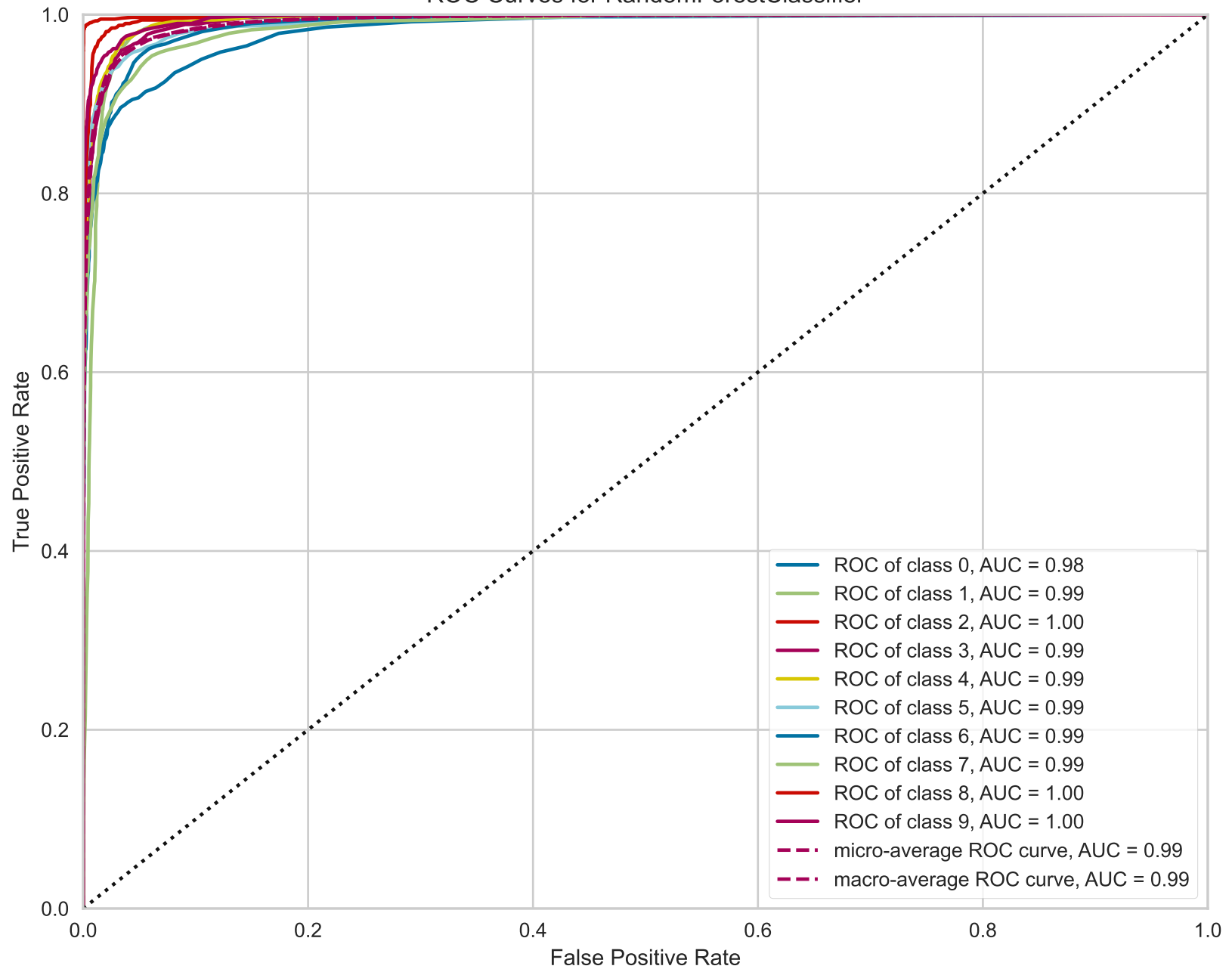
Model Metrics - Random Forest



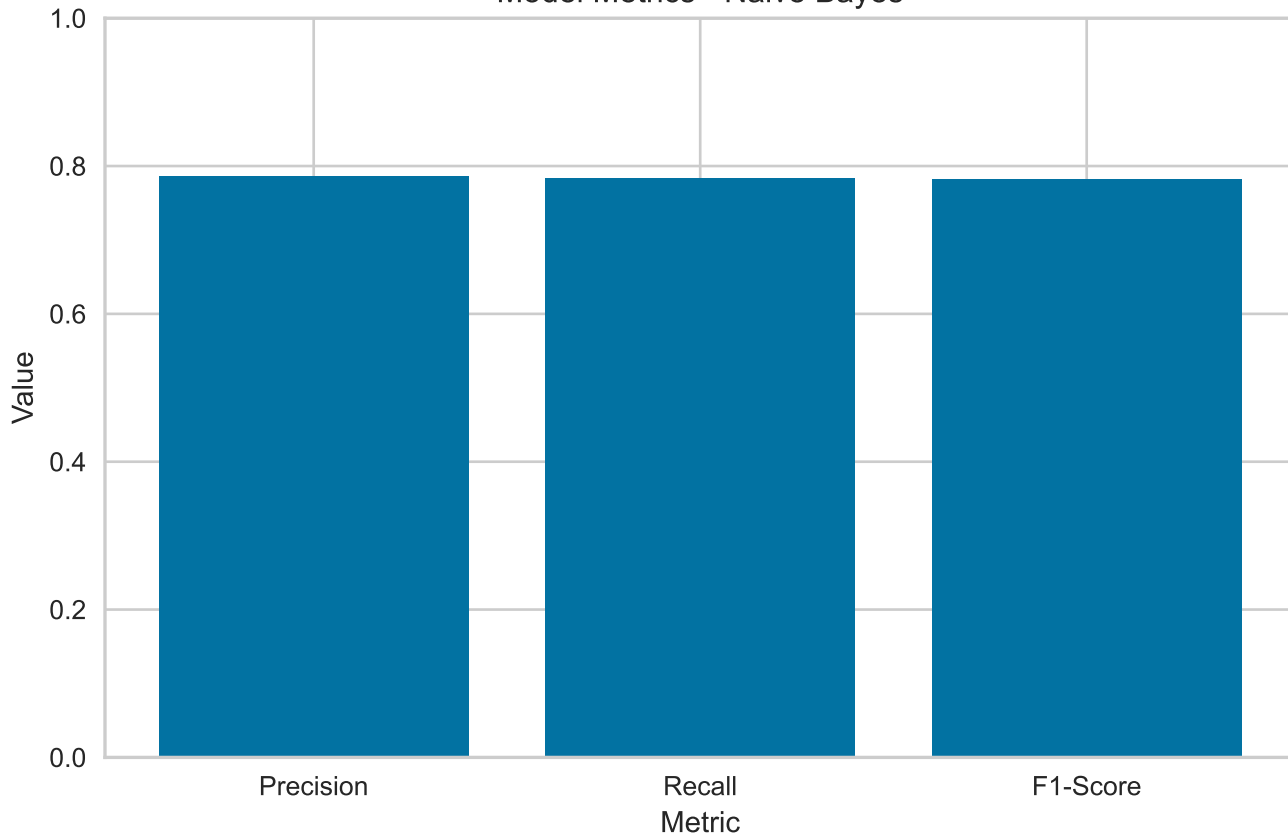
Random Forest - Confusion Matrix



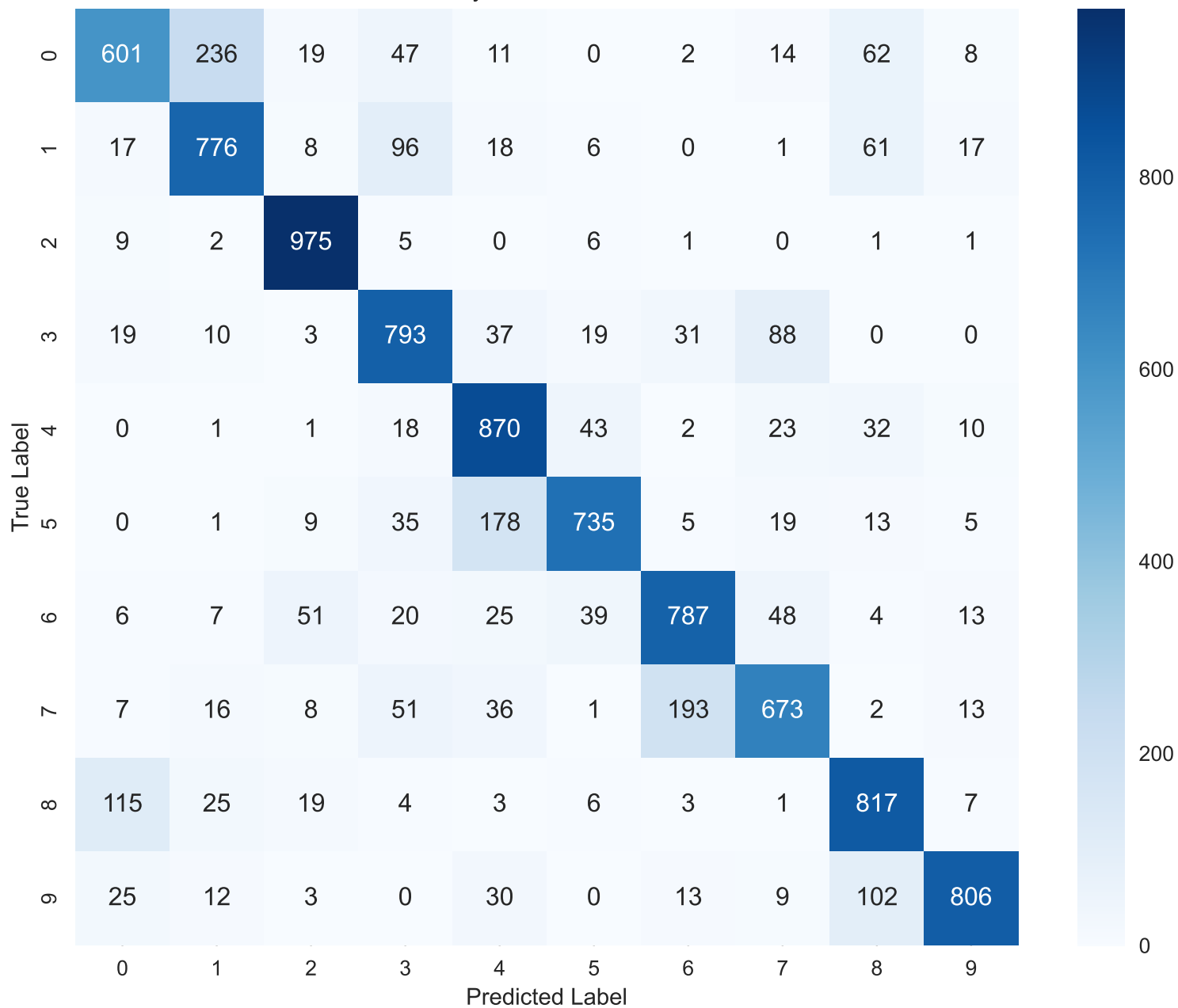
ROC Curves for RandomForestClassifier

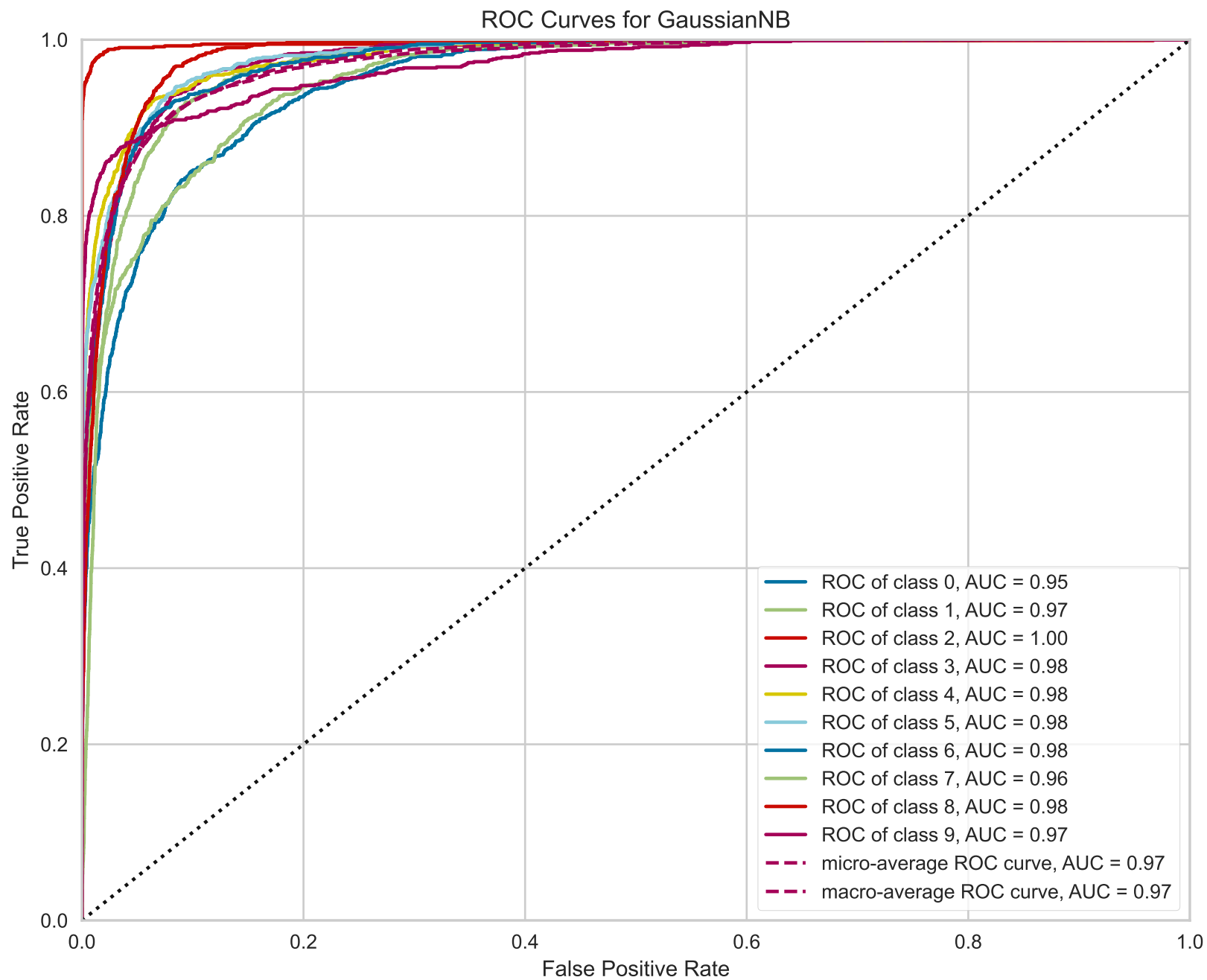


Model Metrics - Naive Bayes

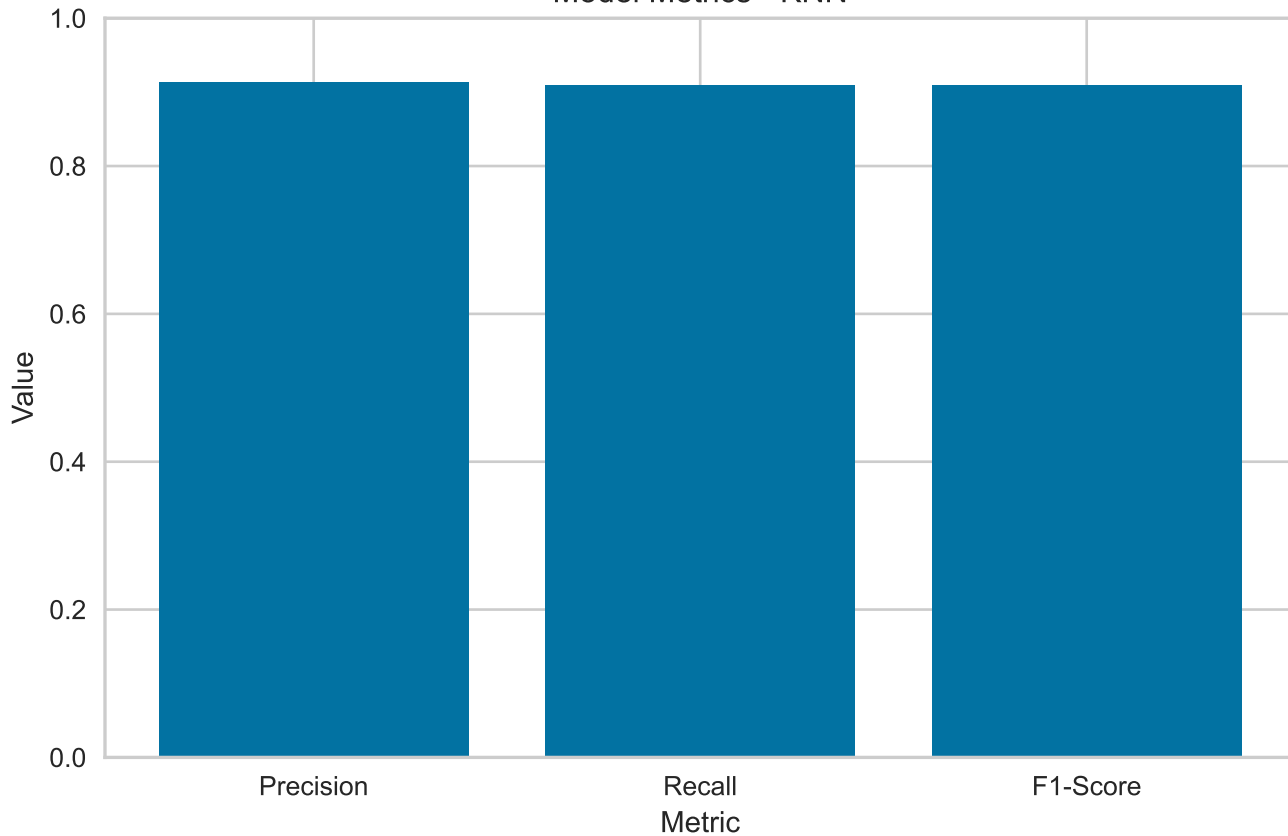


Naive Bayes - Confusion Matrix

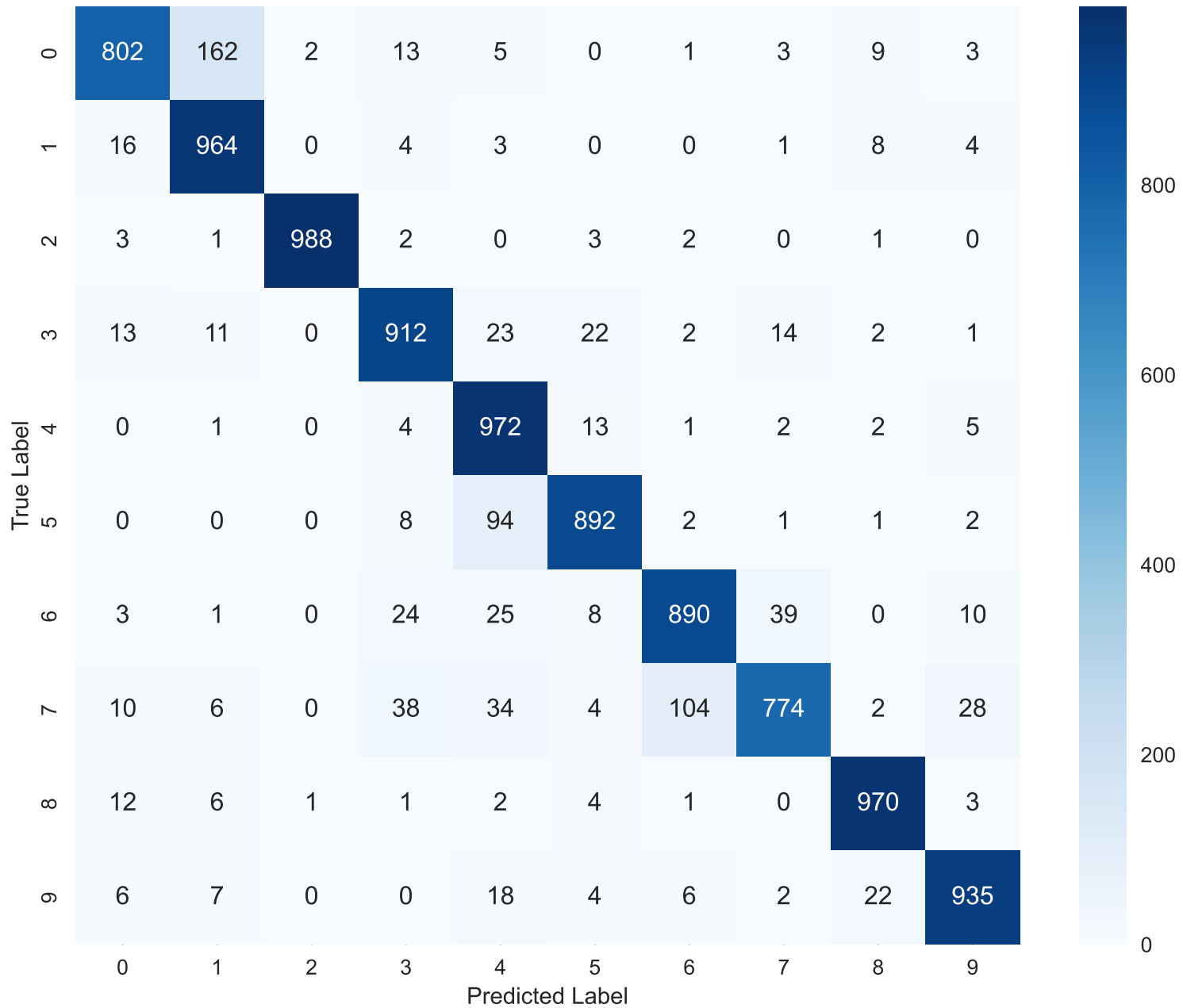




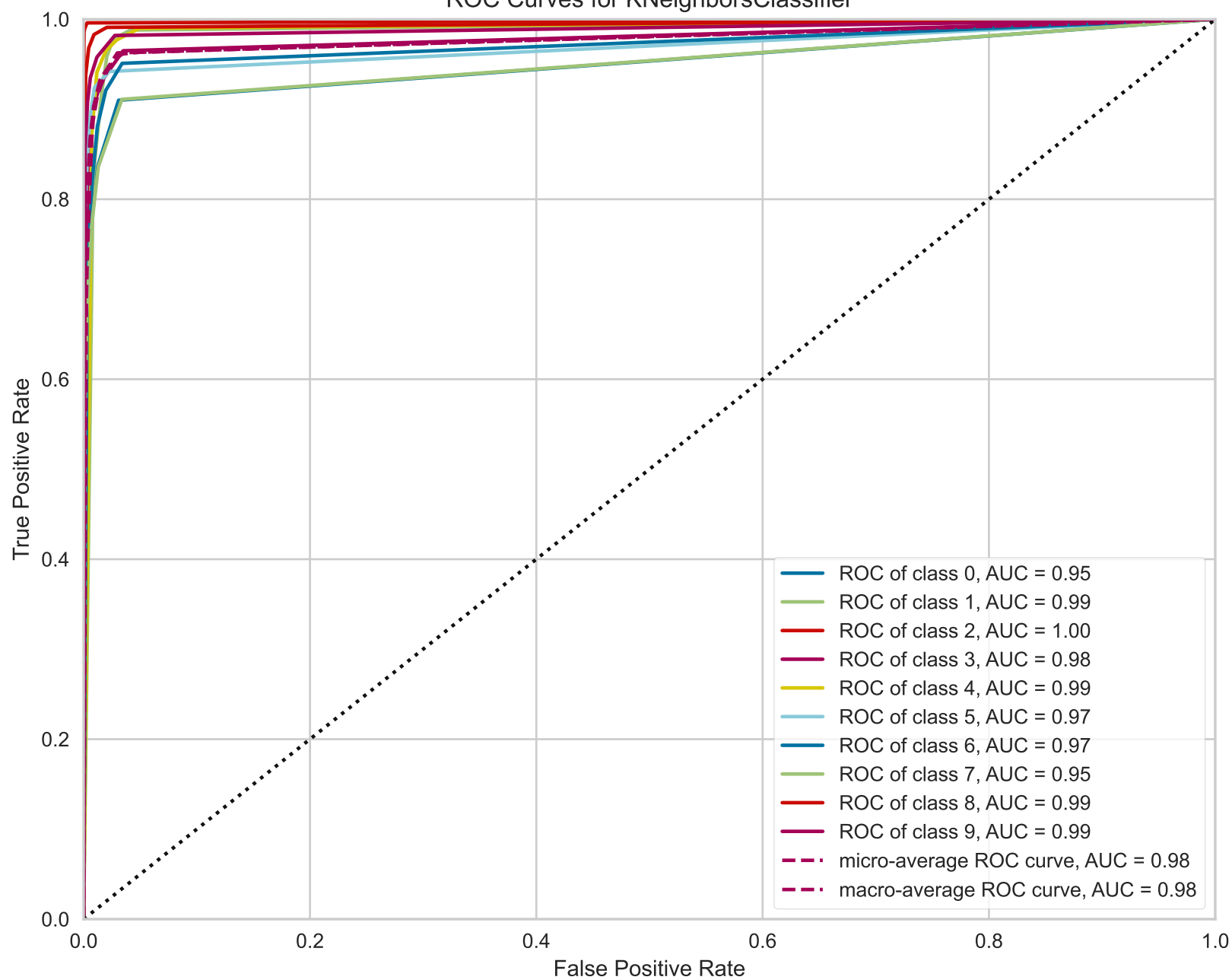
Model Metrics - KNN



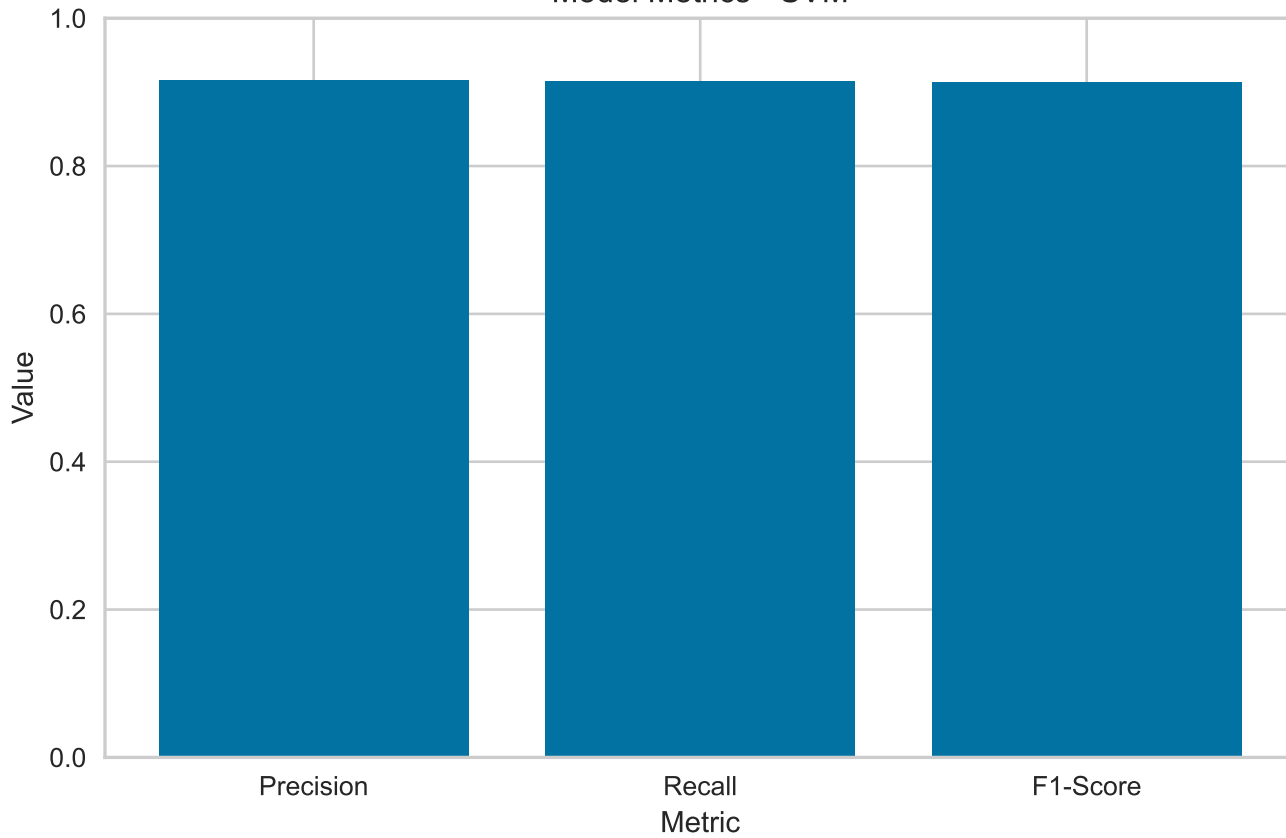
KNN - Confusion Matrix



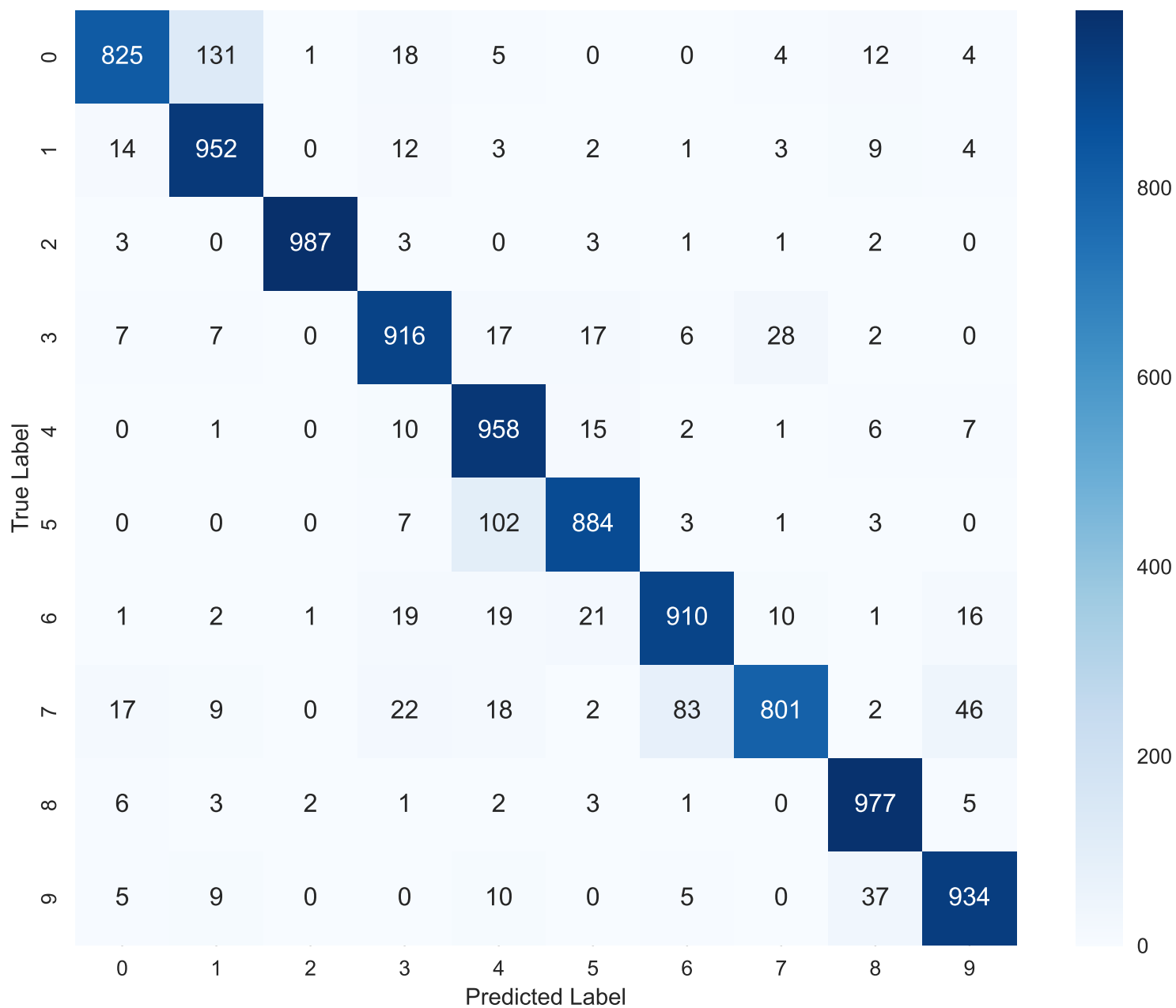
ROC Curves for KNeighborsClassifier



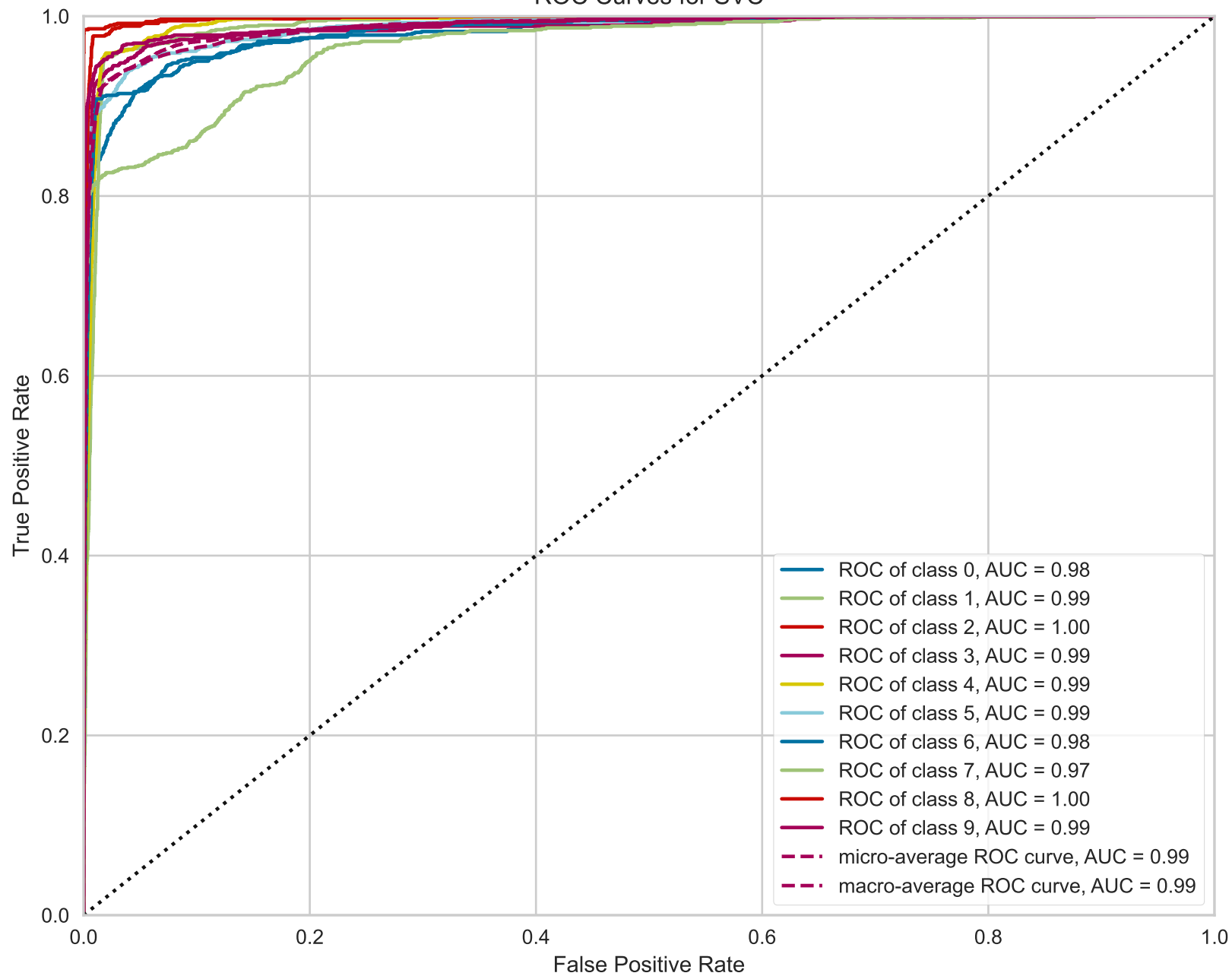
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 15 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8112610442236831	0.8113000000000001	0.8104041912085975
Random Forest	0.8946338973693907	0.8915	0.8908046372416658
Naive Bayes	0.7867894783142272	0.7833	0.7817510865157689
KNN	0.9133106346029887	0.9099	0.9093253277130788
SVM	0.9168733359118761	0.9143999999999999	0.9139256928168056