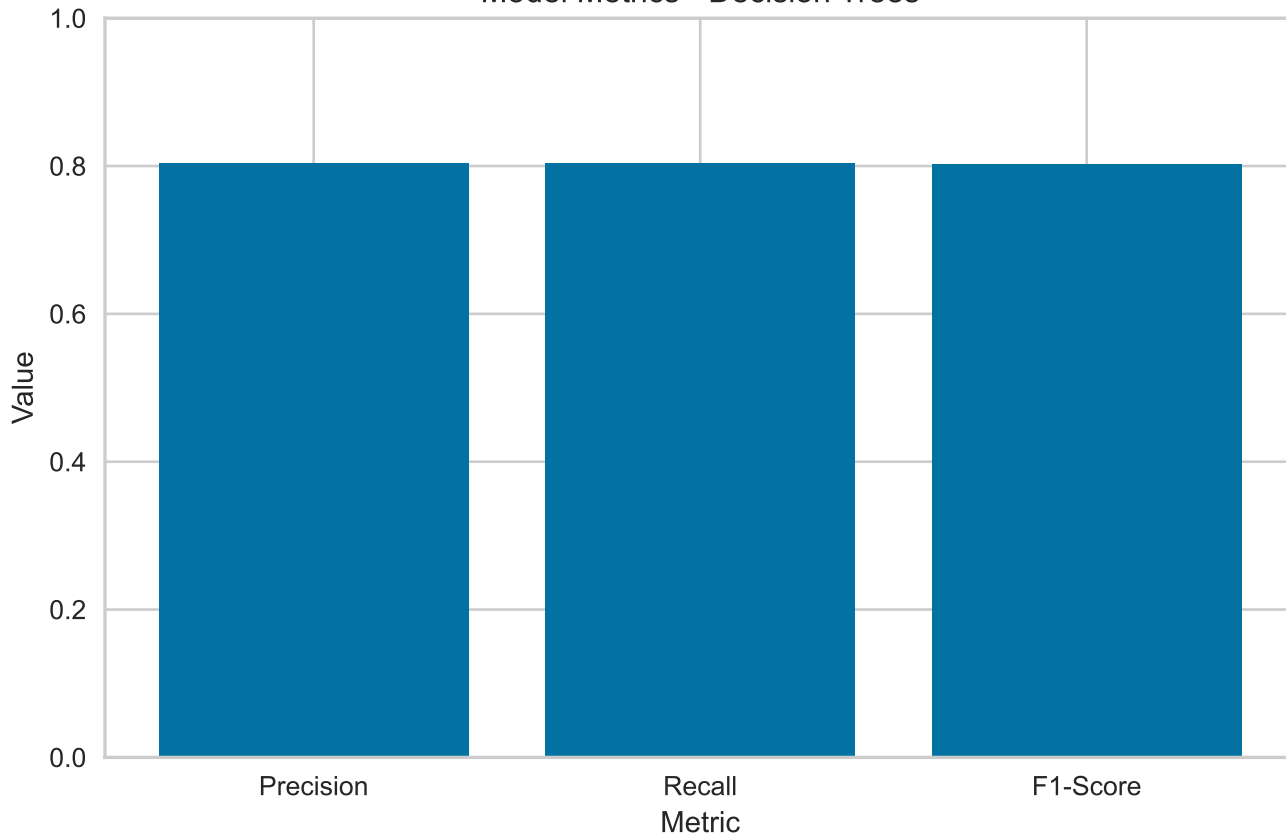
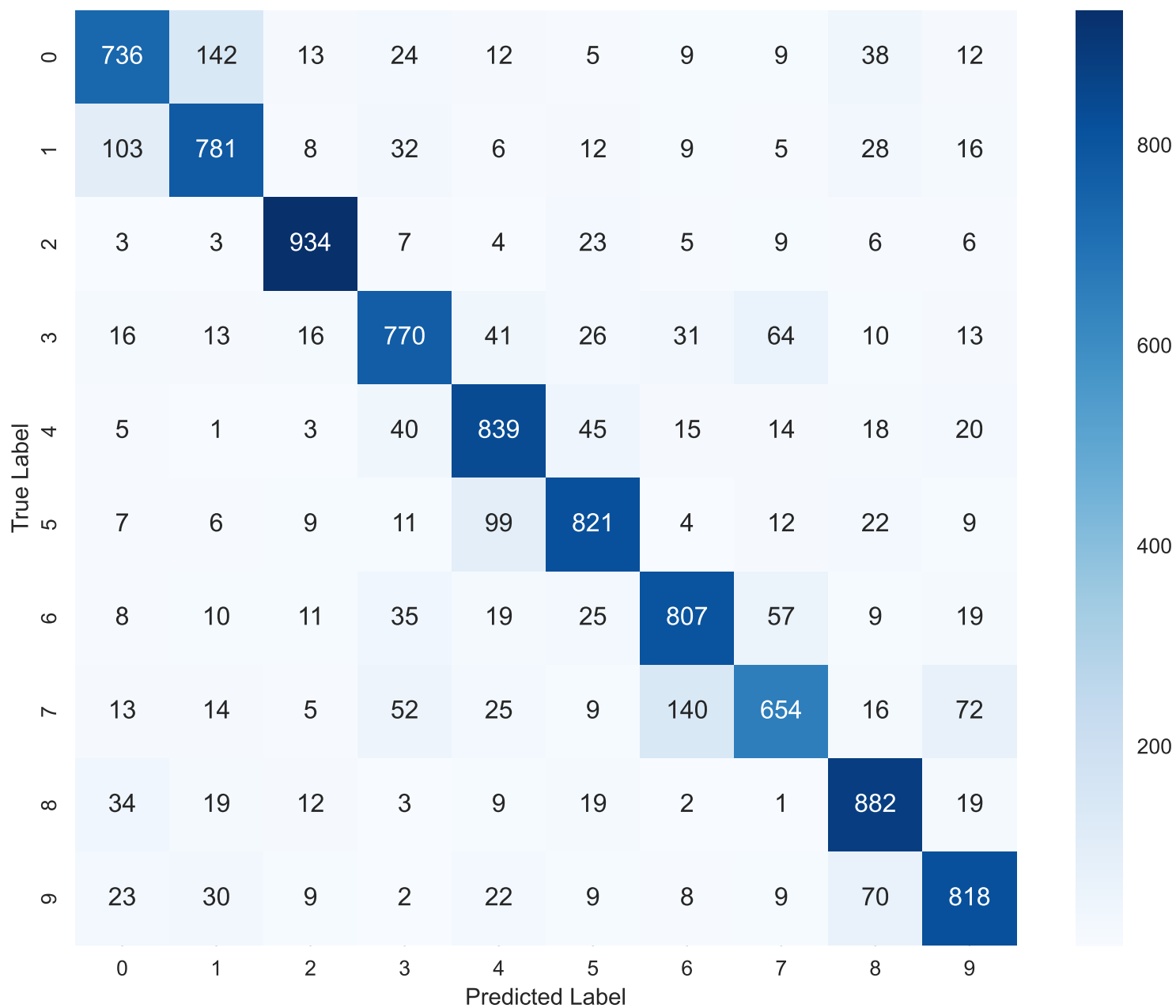


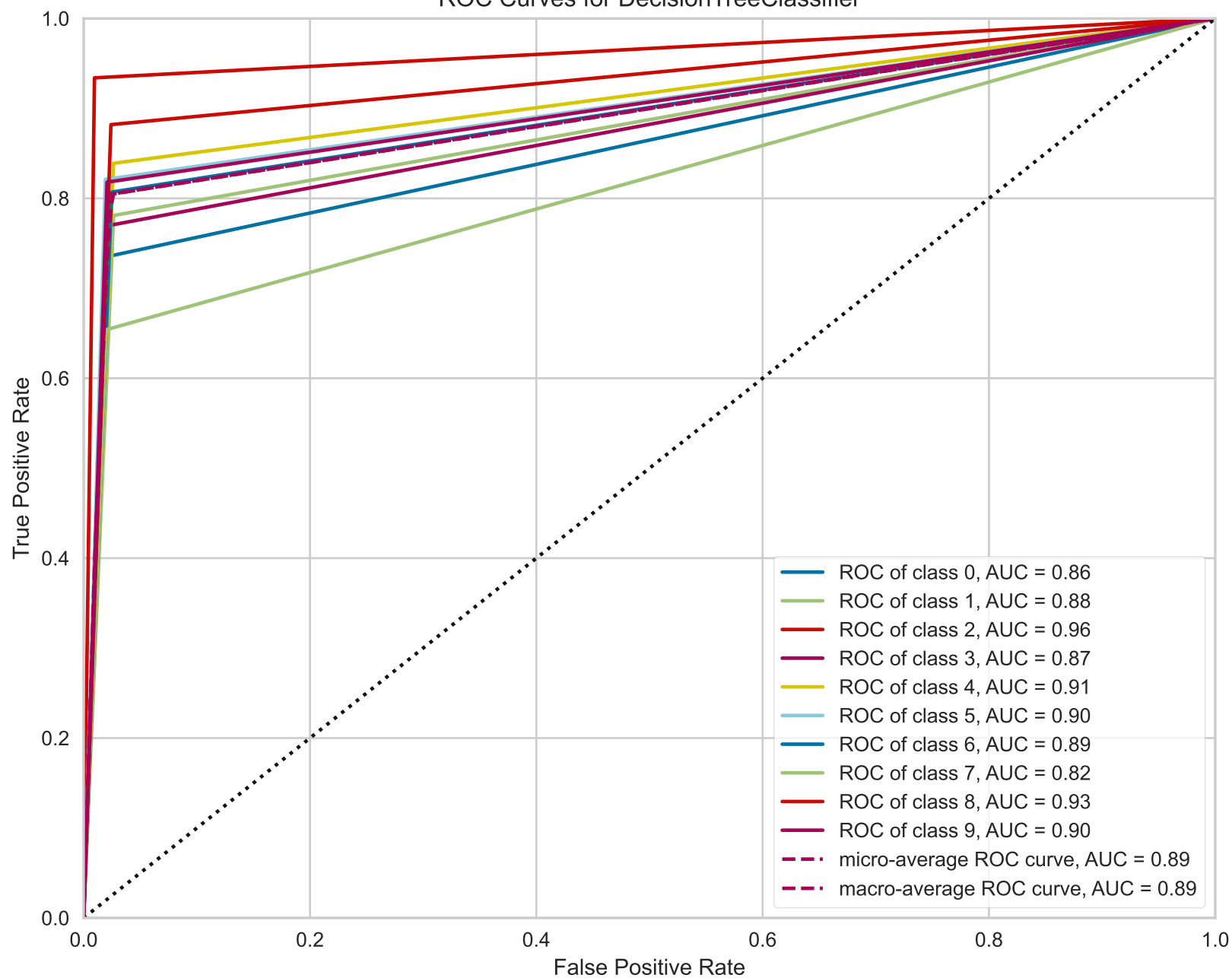
Model Metrics - Decision Trees



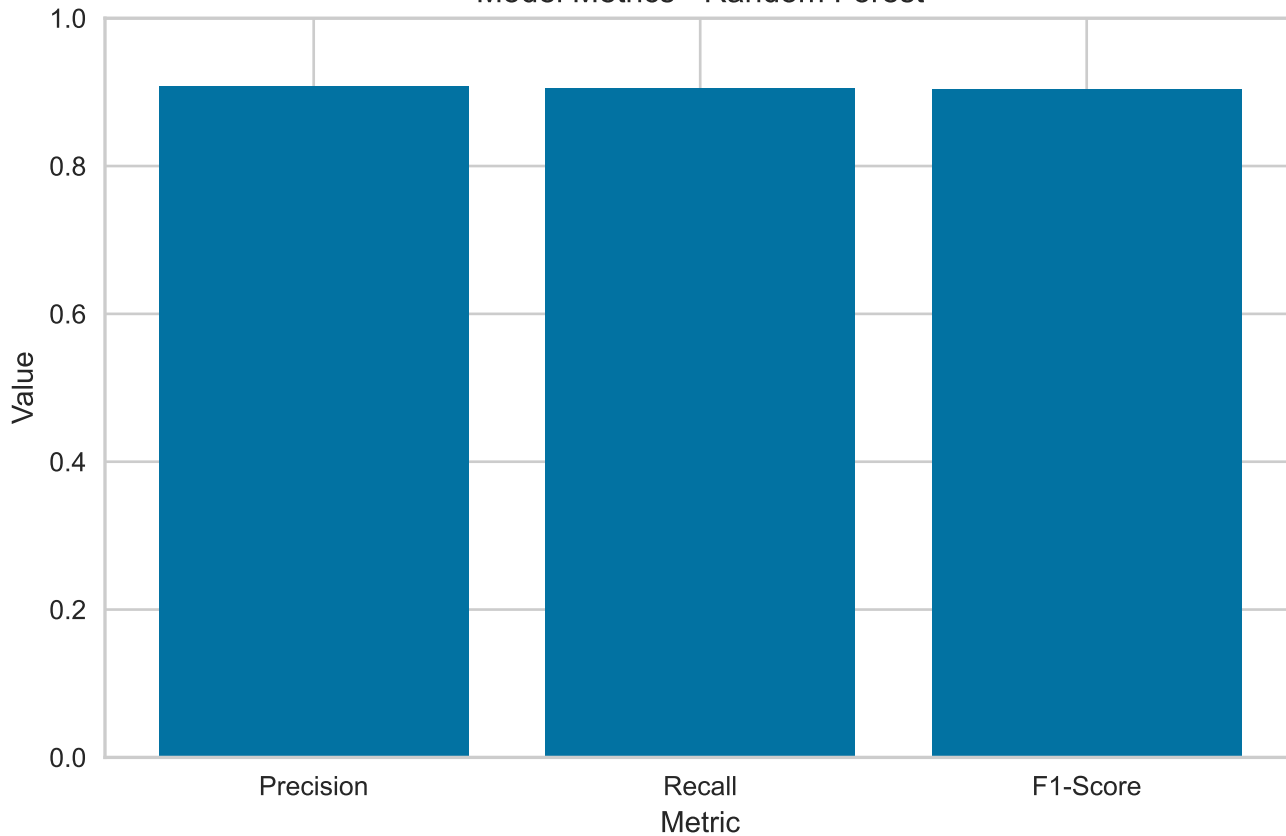
Decision Trees - Confusion Matrix



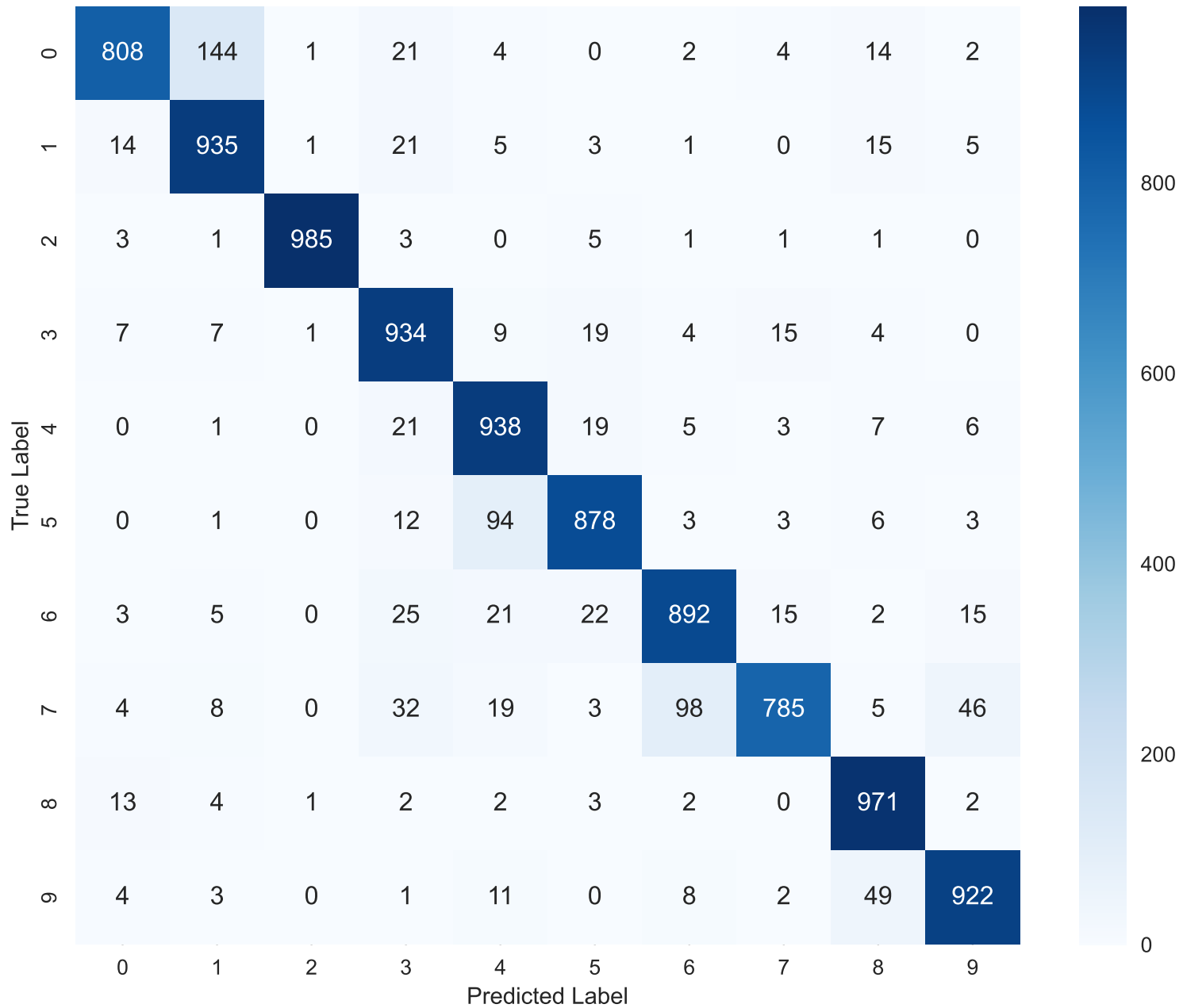
ROC Curves for DecisionTreeClassifier



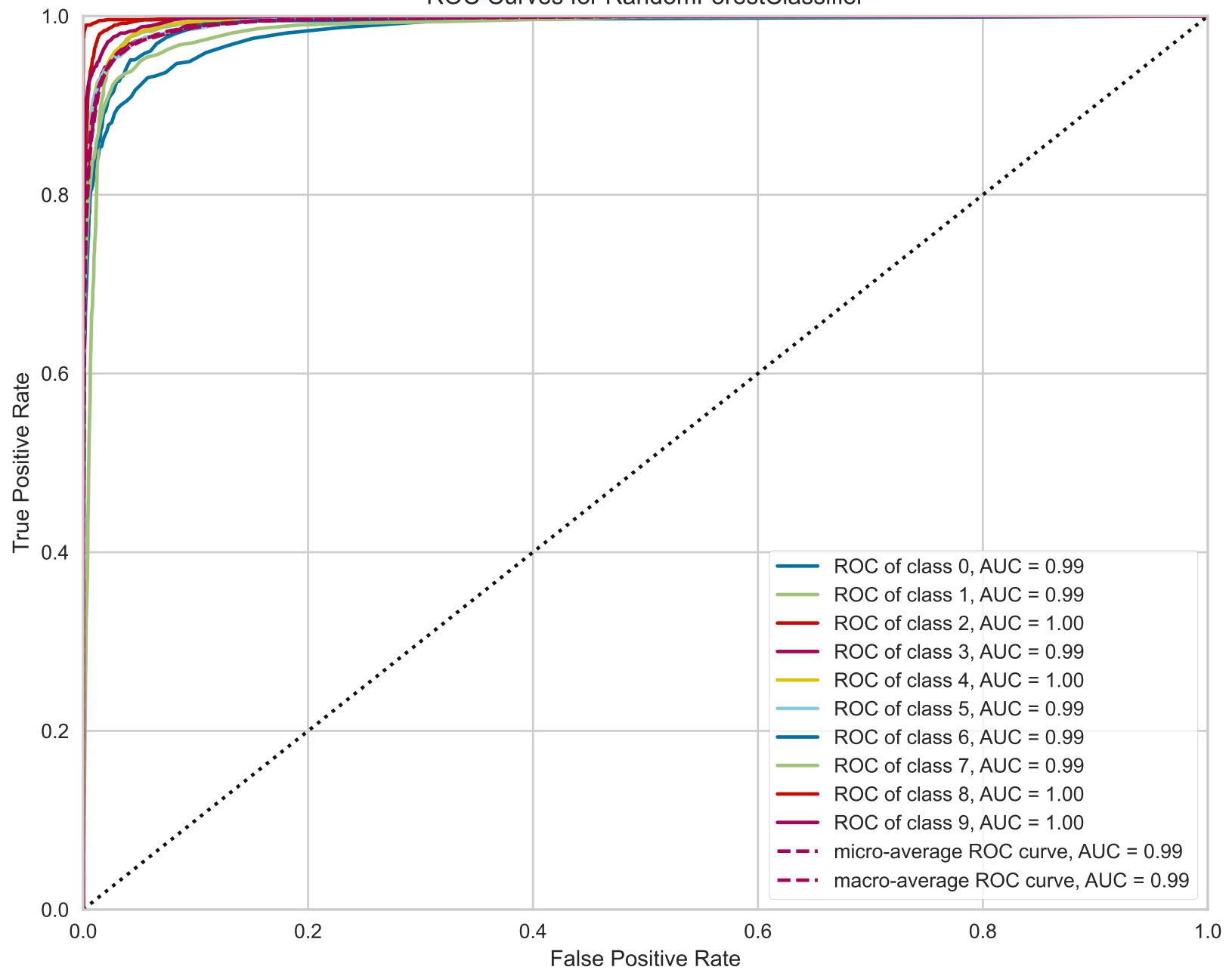
Model Metrics - Random Forest



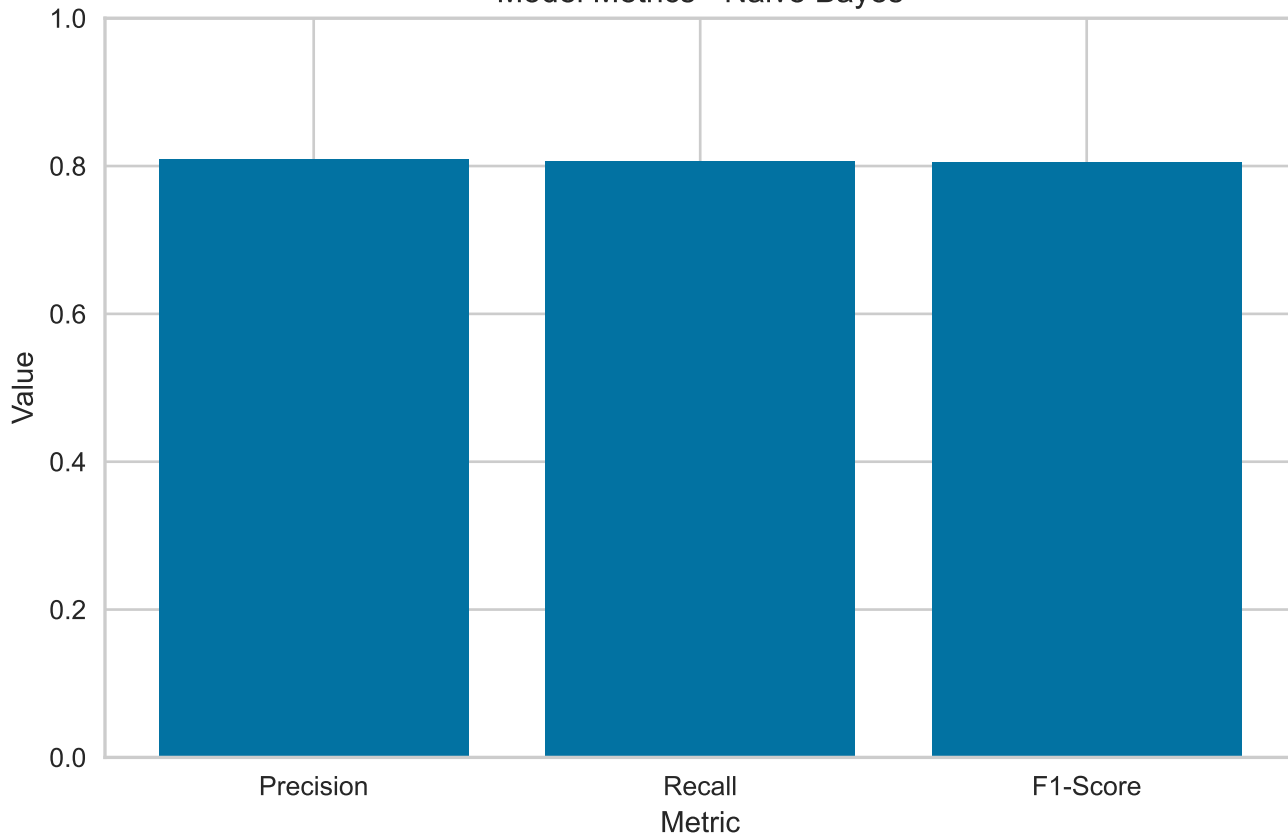
Random Forest - Confusion Matrix



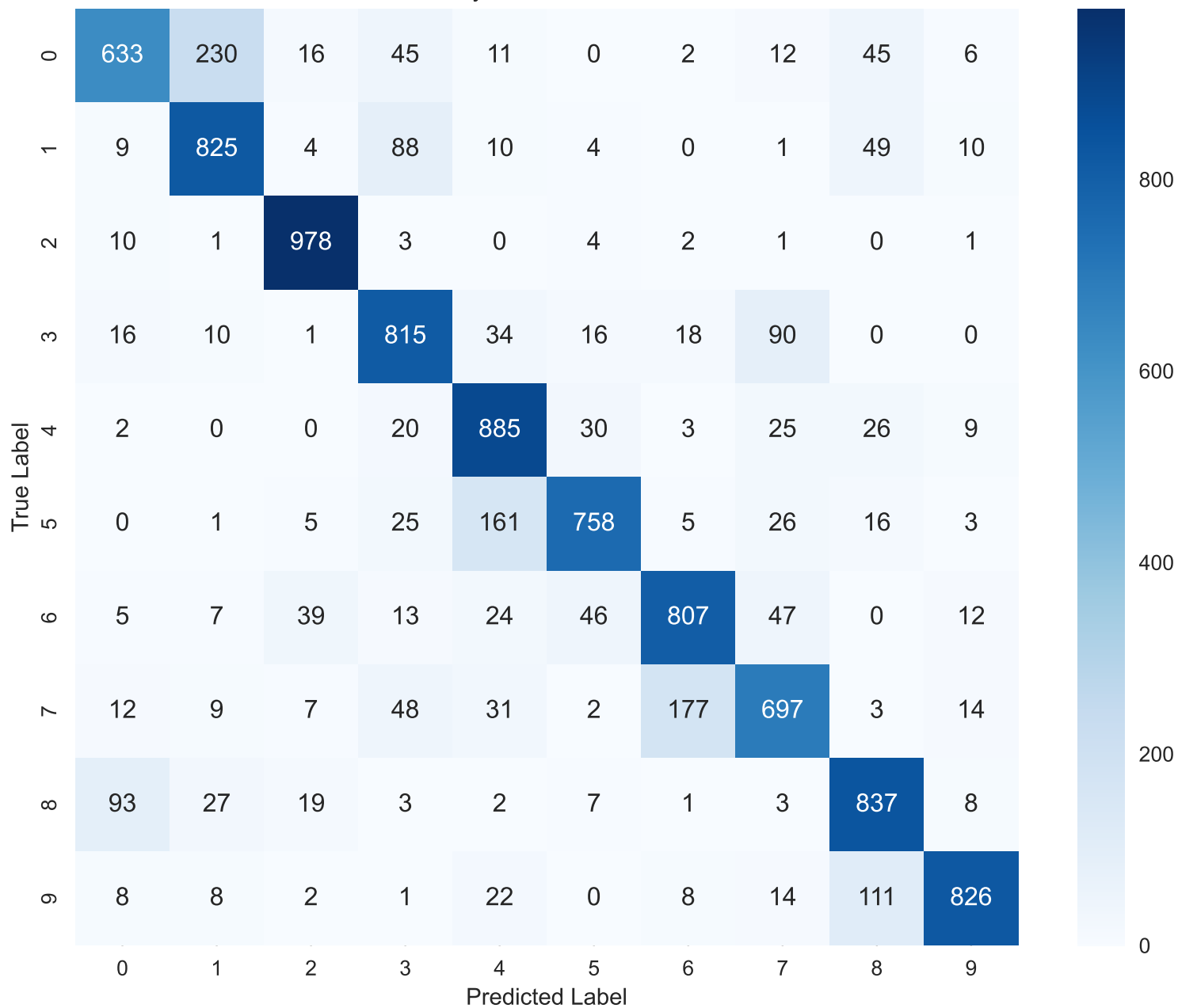
ROC Curves for RandomForestClassifier

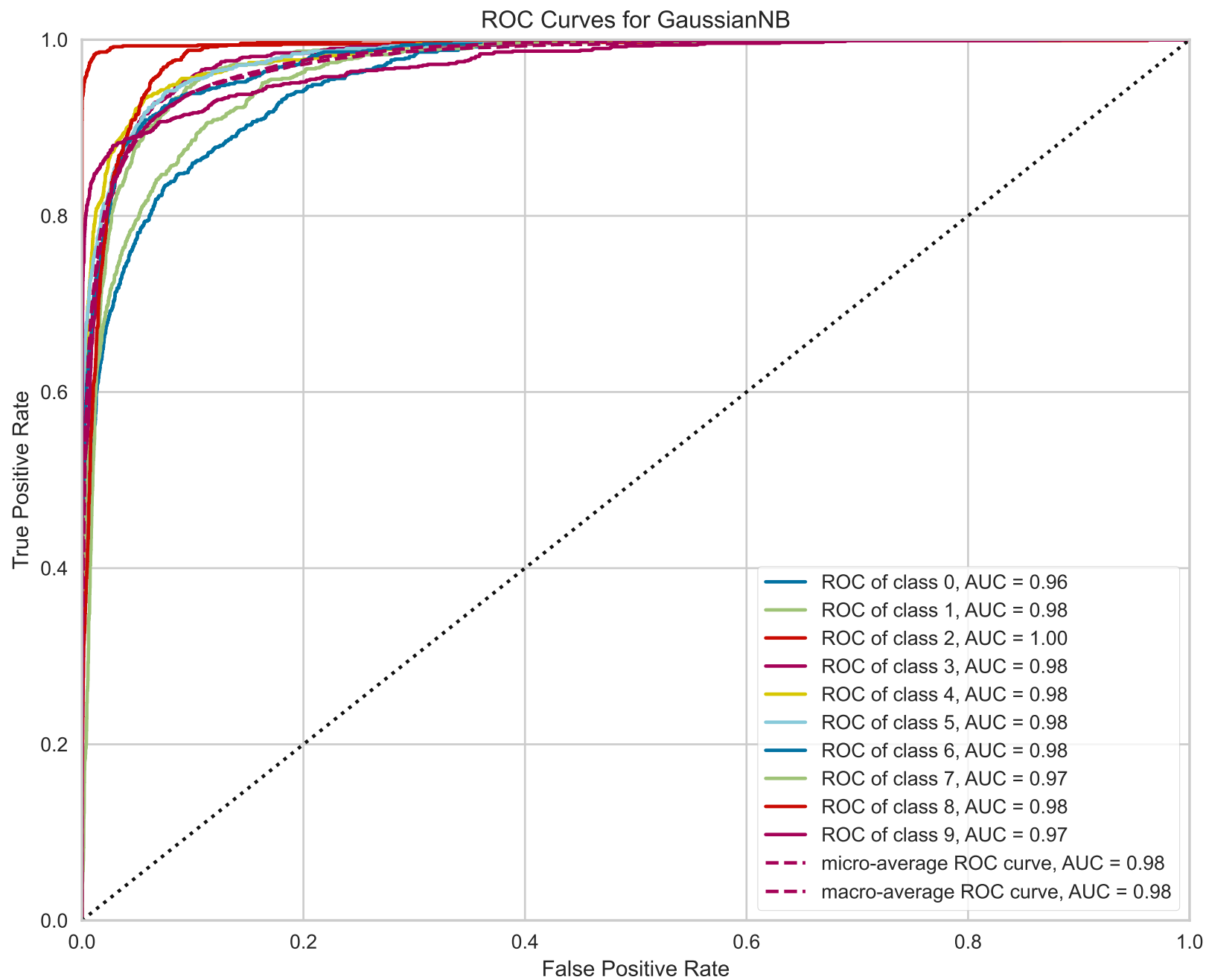


Model Metrics - Naive Bayes

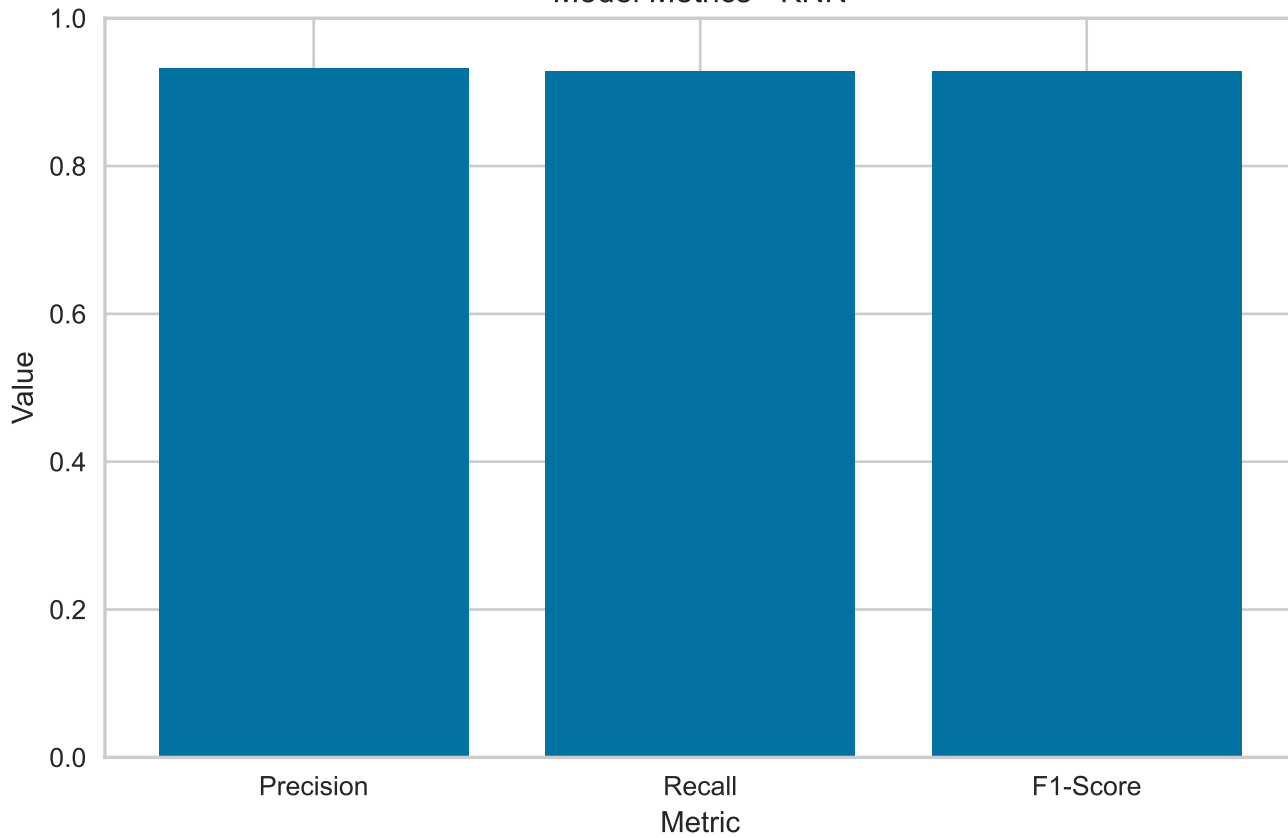


Naive Bayes - Confusion Matrix

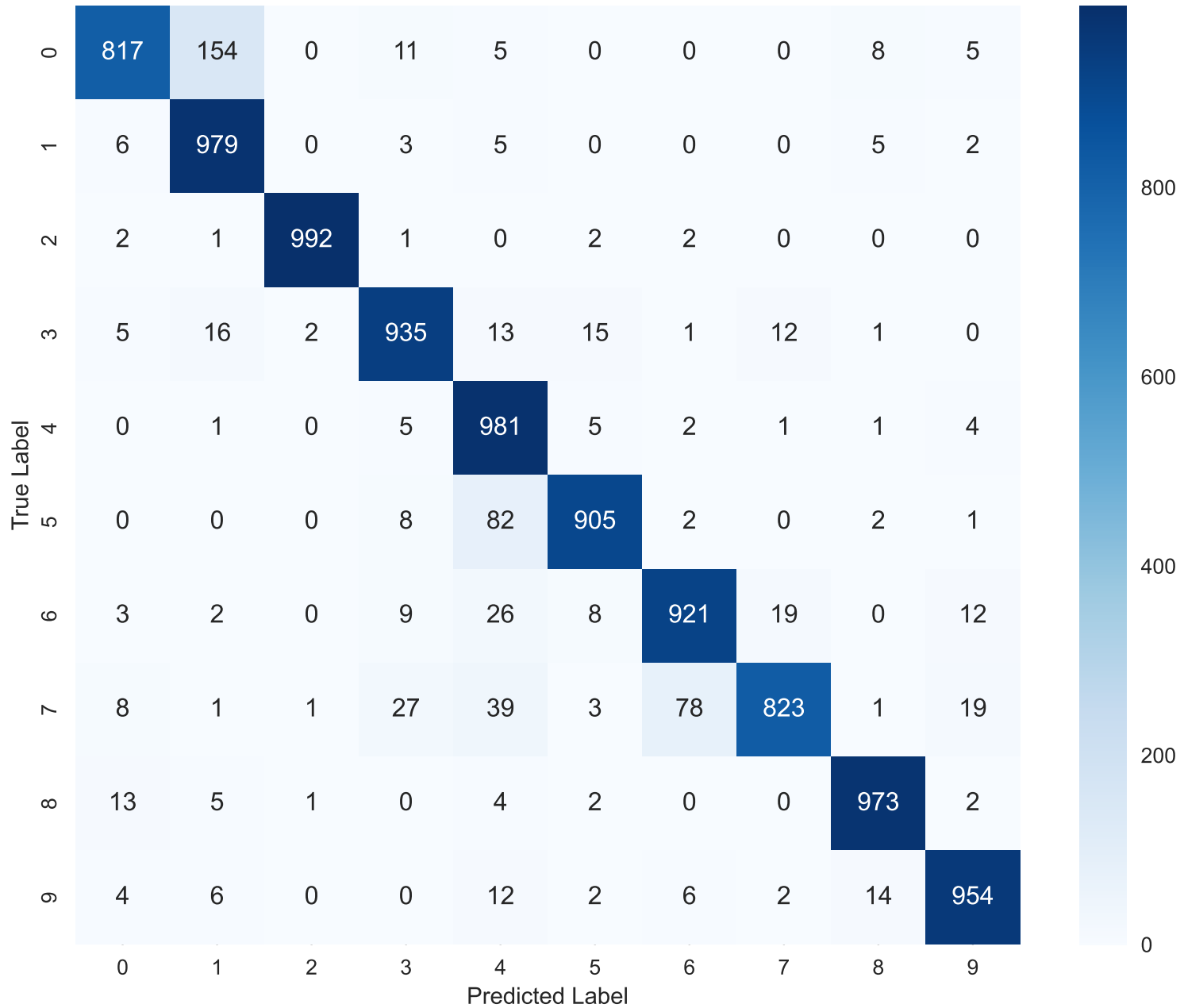




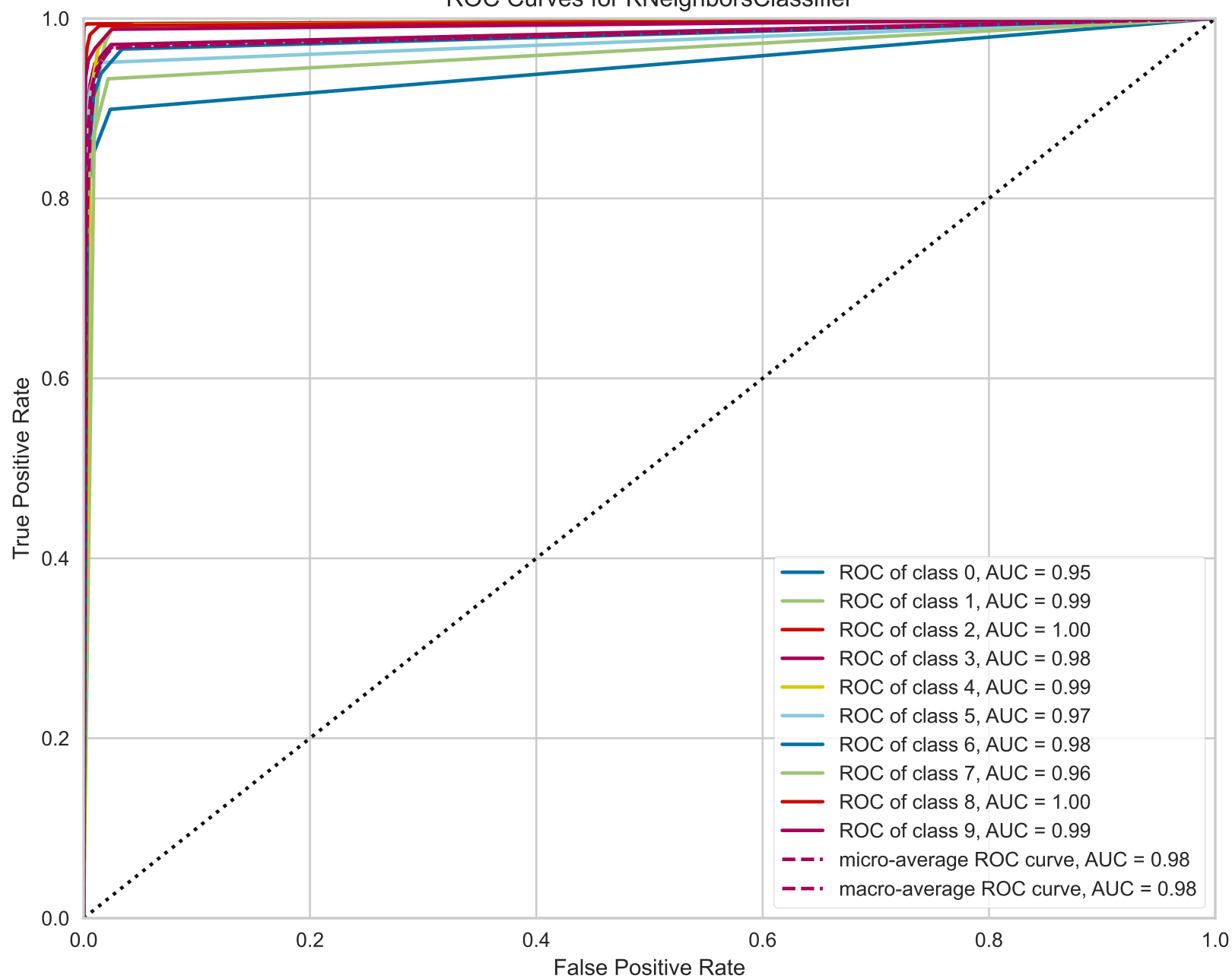
Model Metrics - KNN



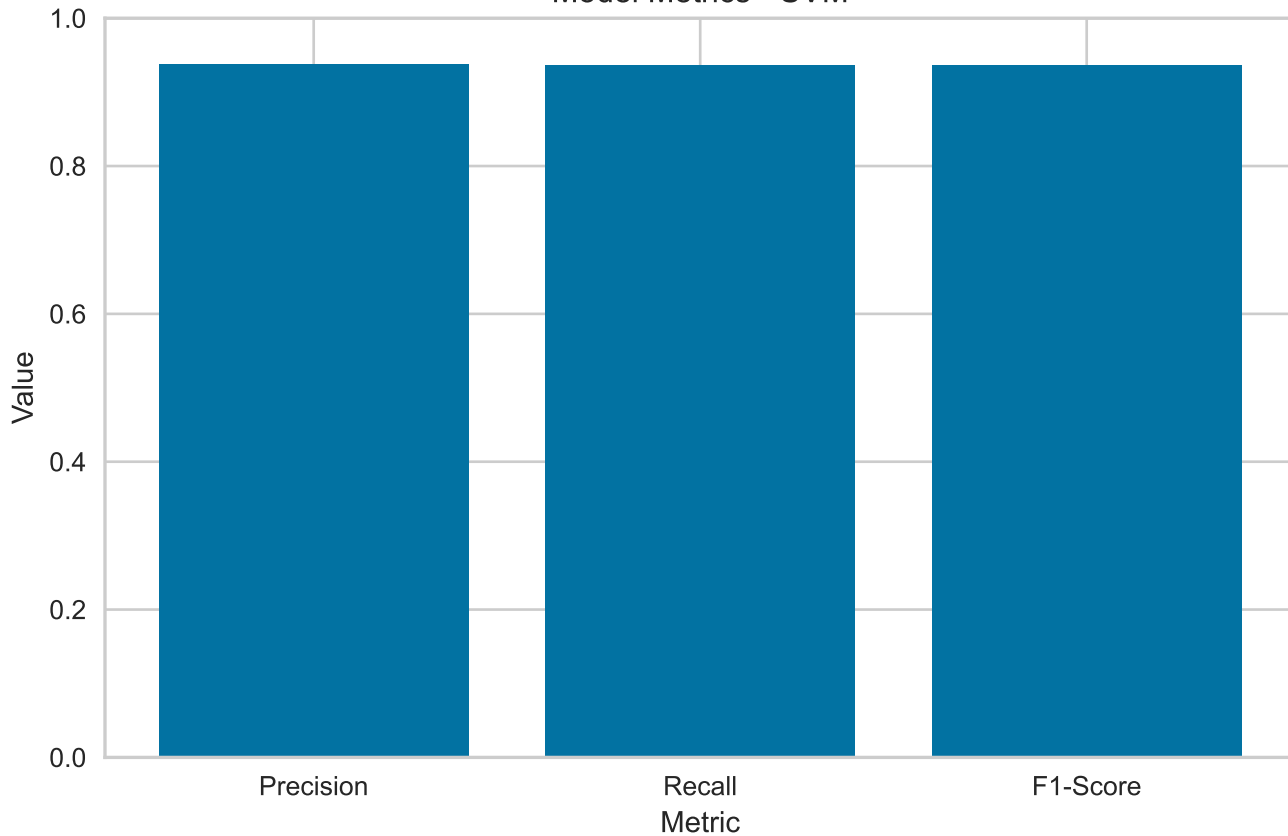
KNN - Confusion Matrix



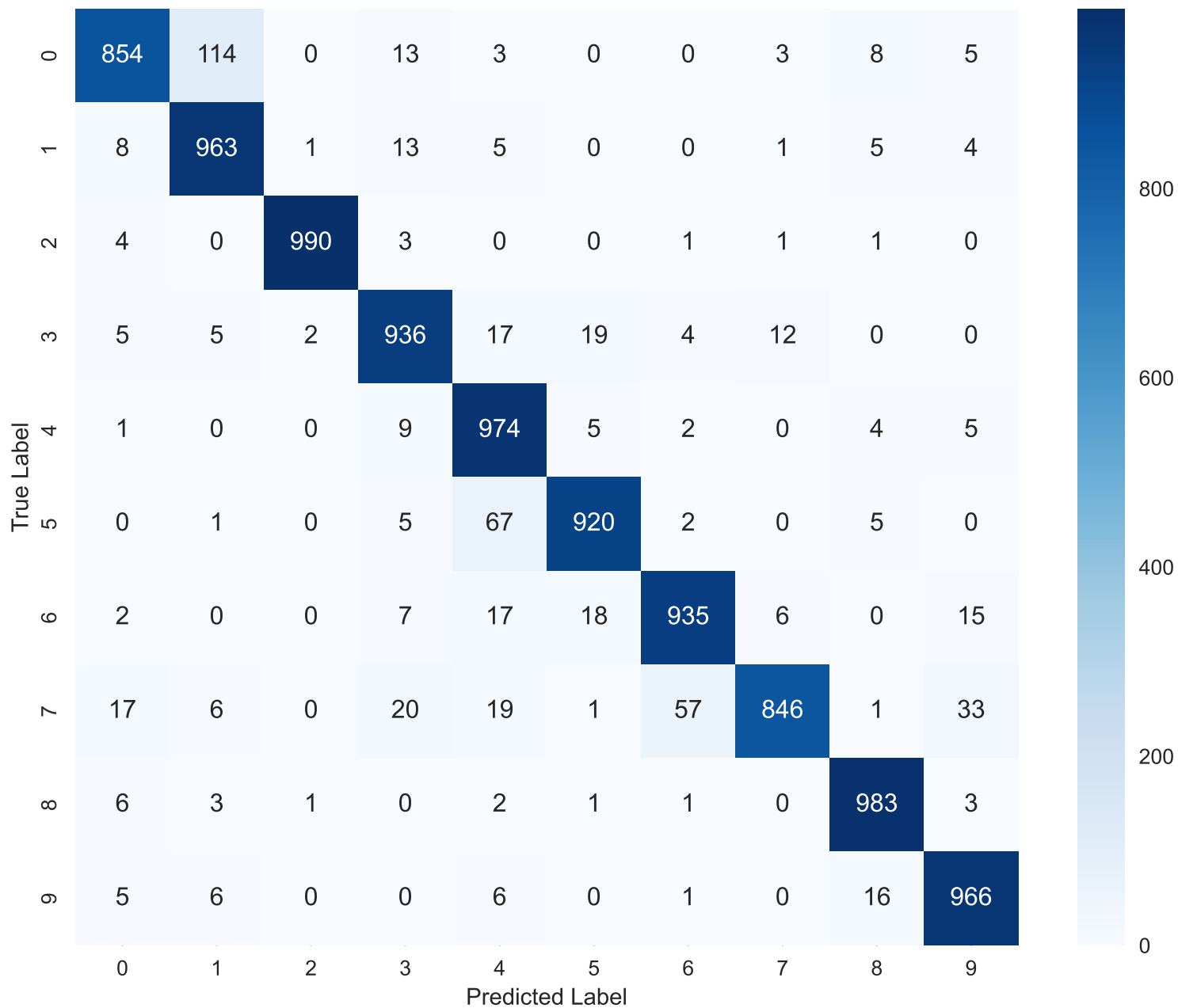
ROC Curves for KNeighborsClassifier



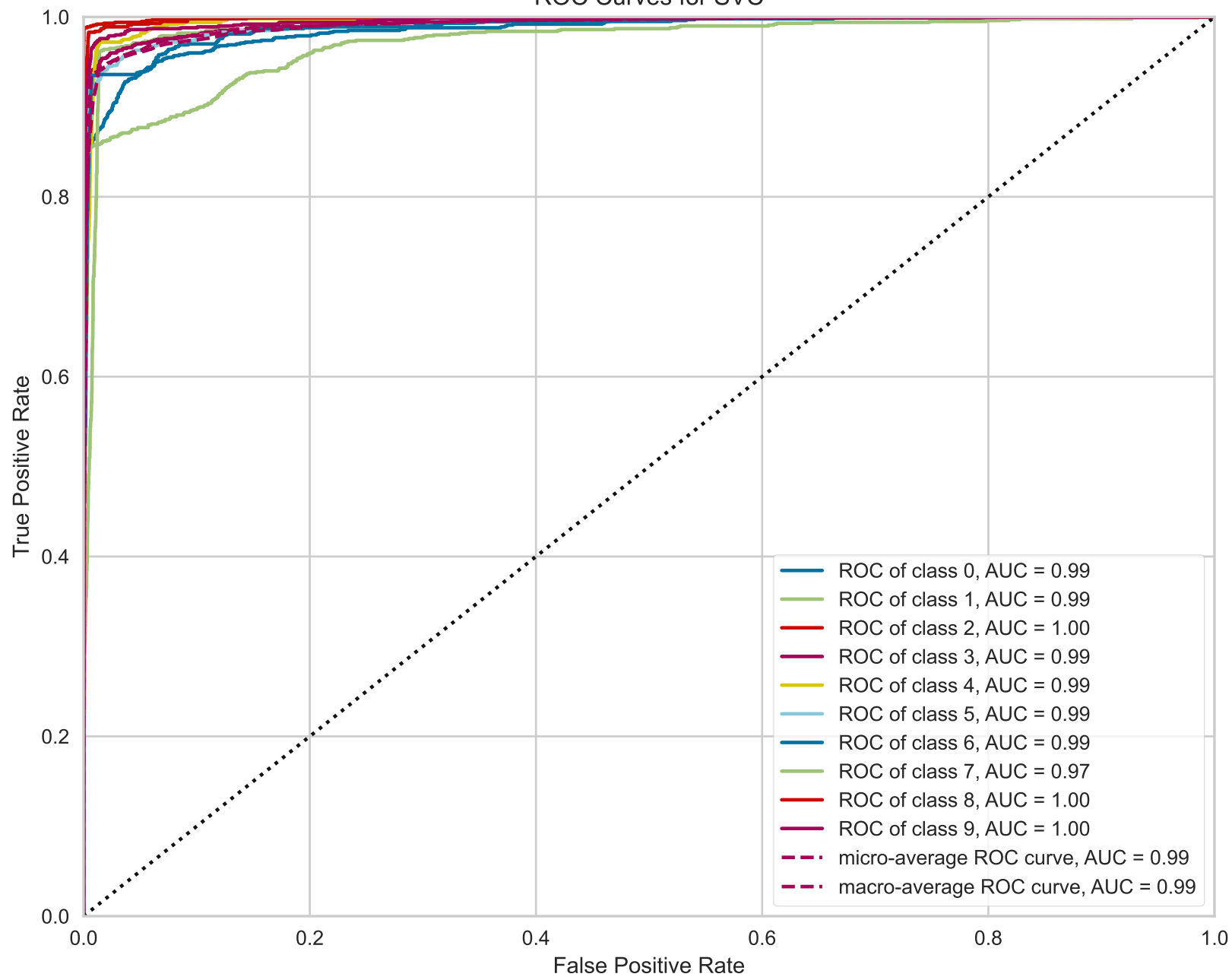
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 25 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8038081818177009	0.8042	0.8030193965574817
Random Forest	0.9078124324479191	0.9048	0.9042683674448975
Naive Bayes	0.8095728402265354	0.8061	0.8048391970873002
KNN	0.9319336437917644	0.9280000000000002	0.927764560255502
SVM	0.9385651691910877	0.9367000000000001	0.9364261004176322