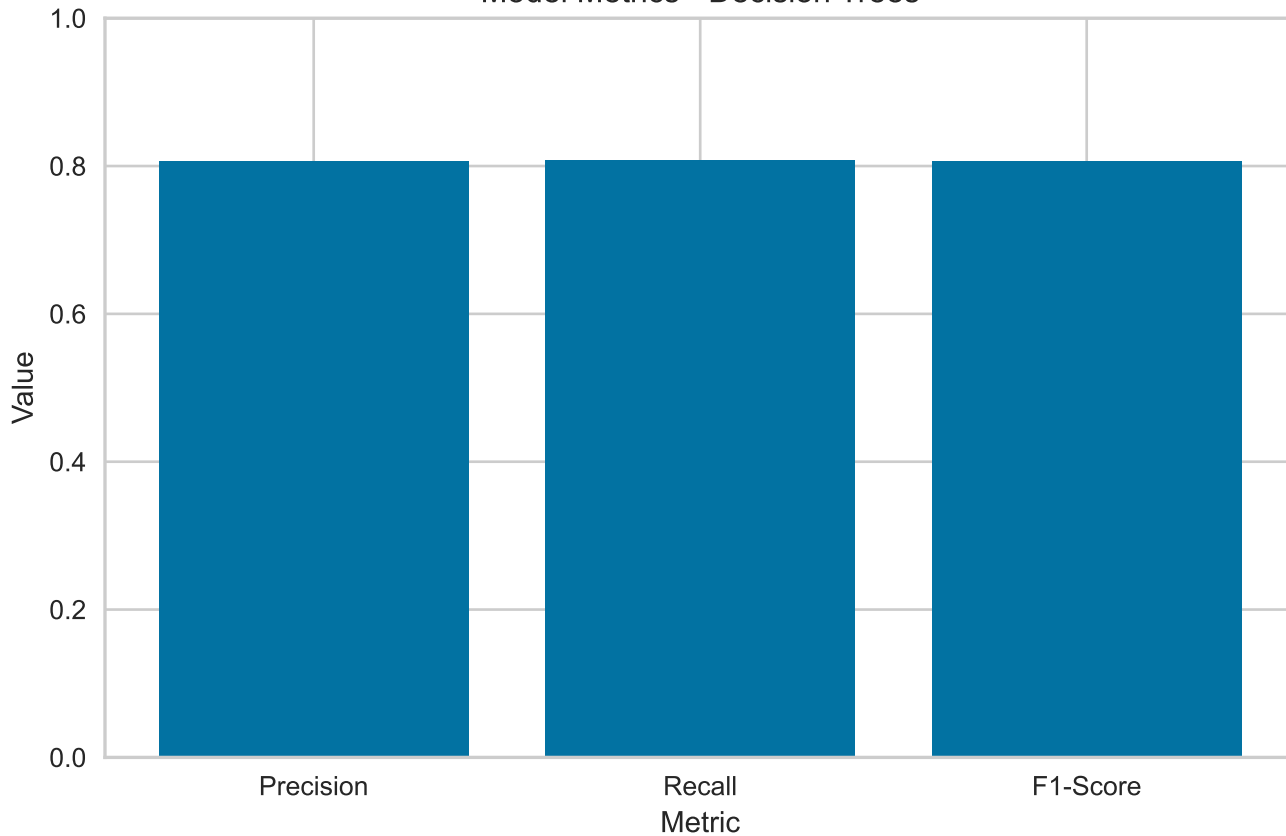
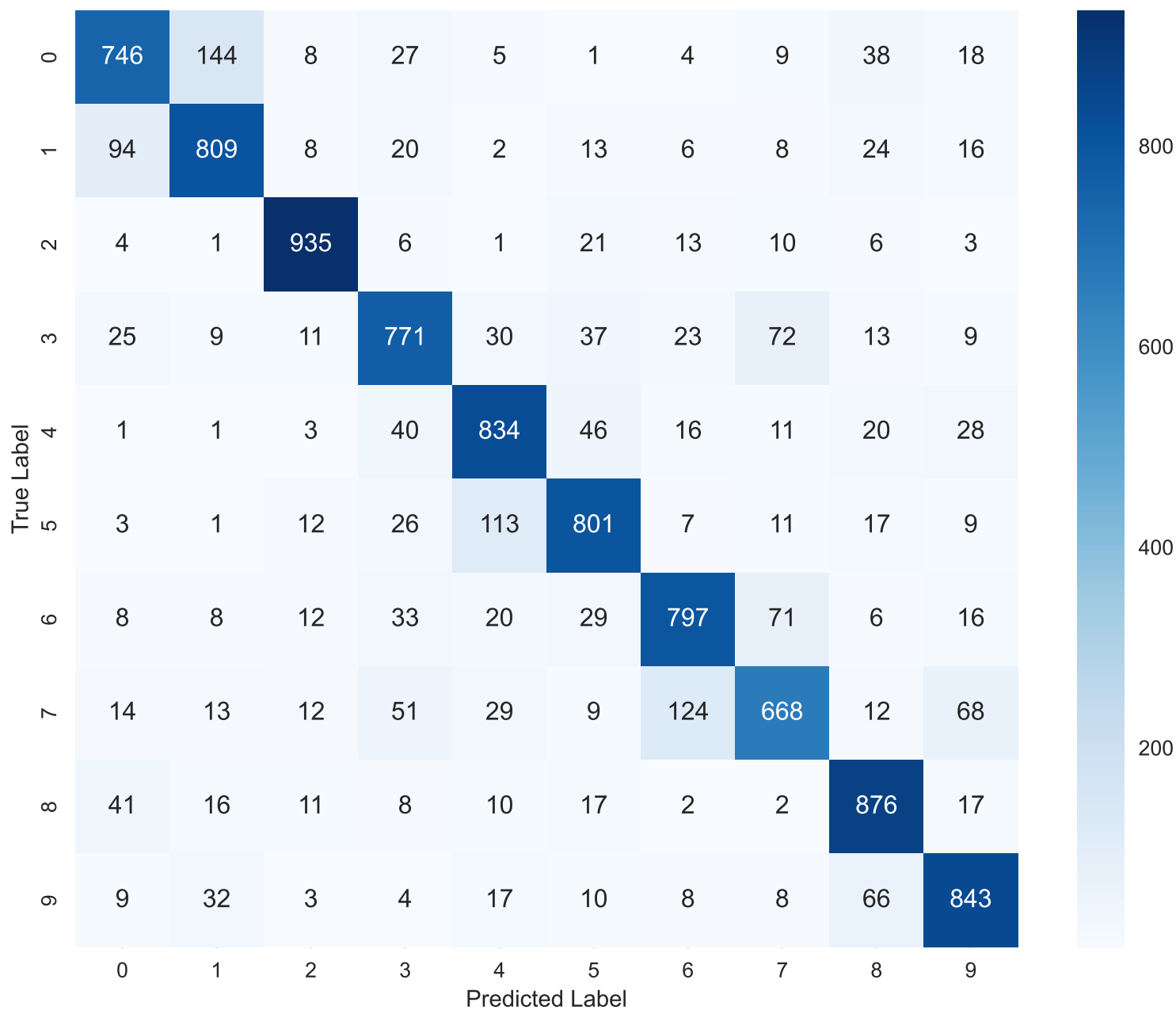


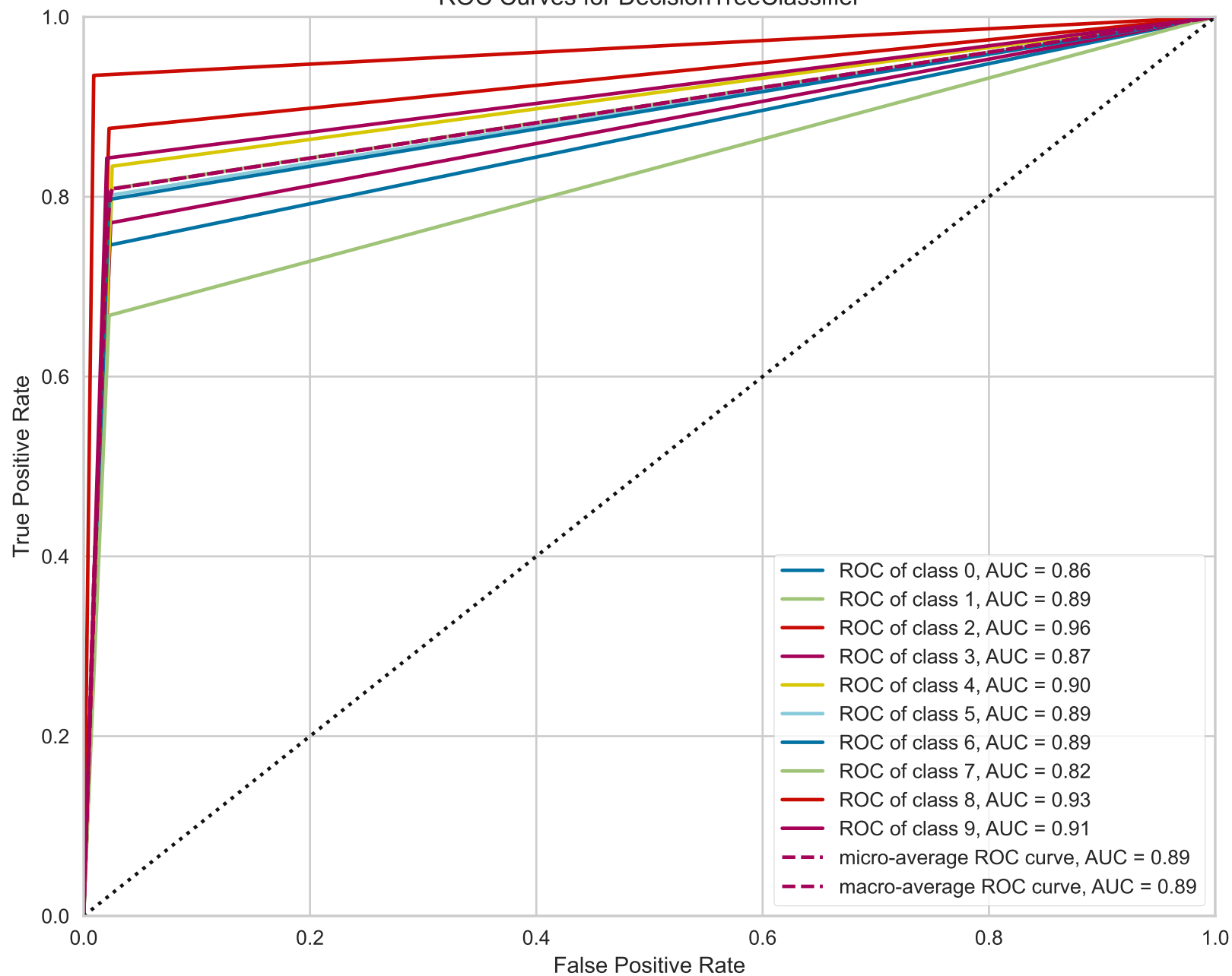
Model Metrics - Decision Trees



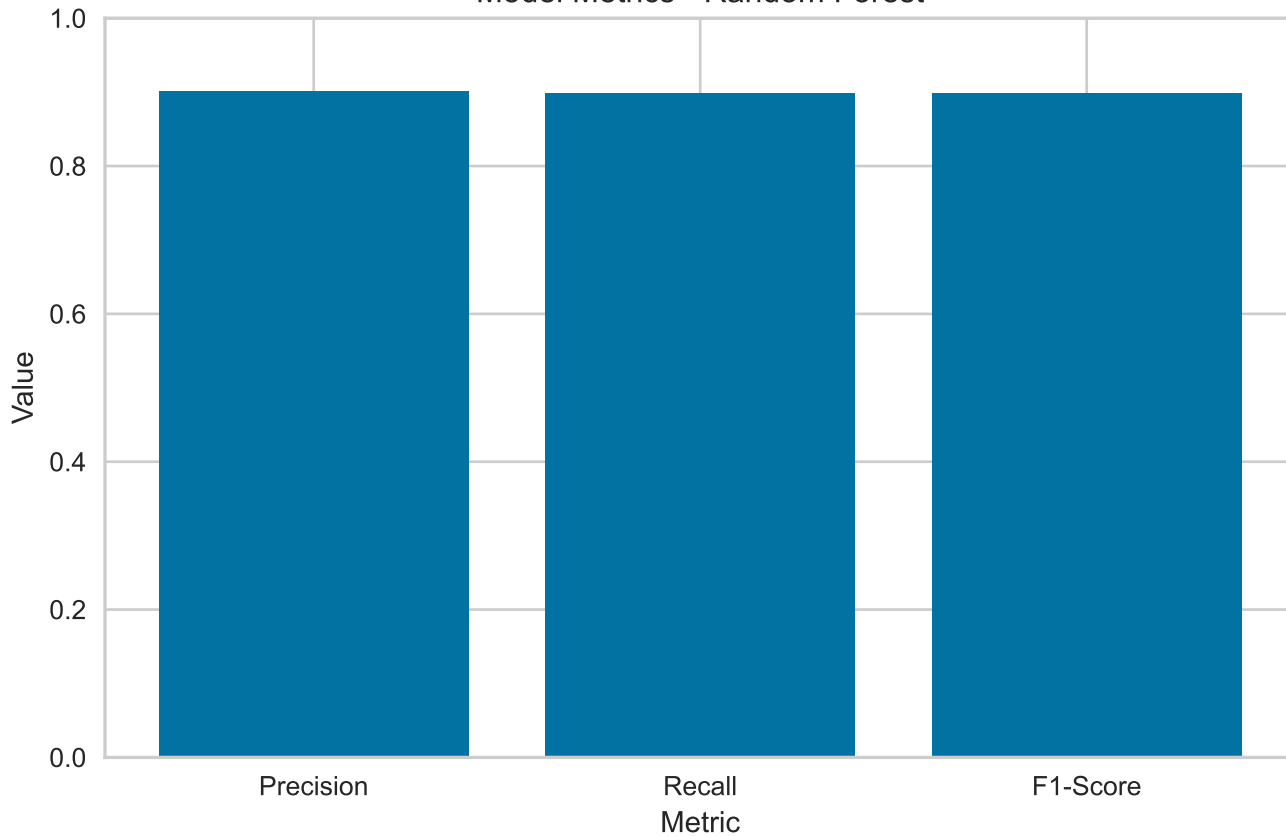
Decision Trees - Confusion Matrix



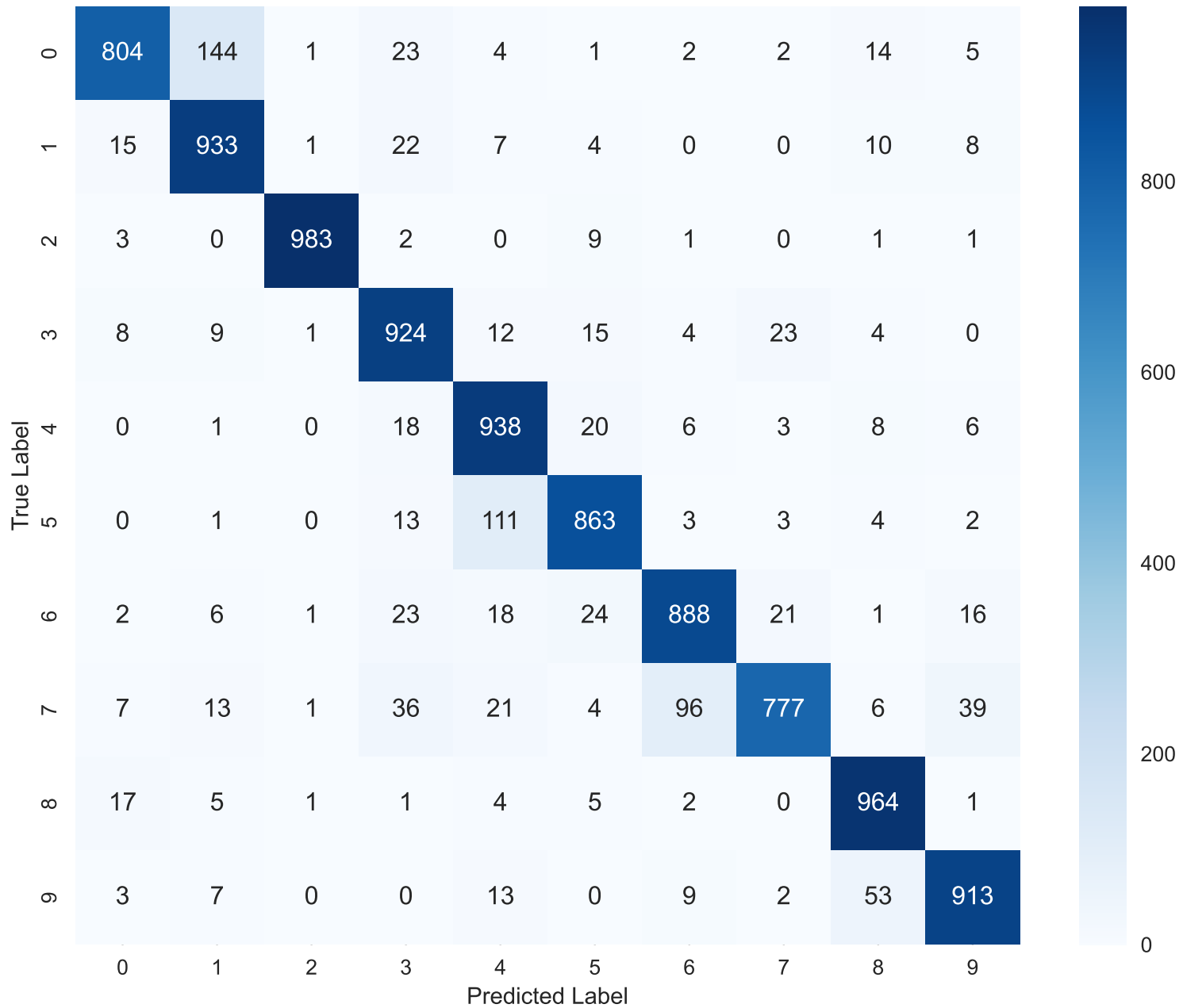
ROC Curves for DecisionTreeClassifier



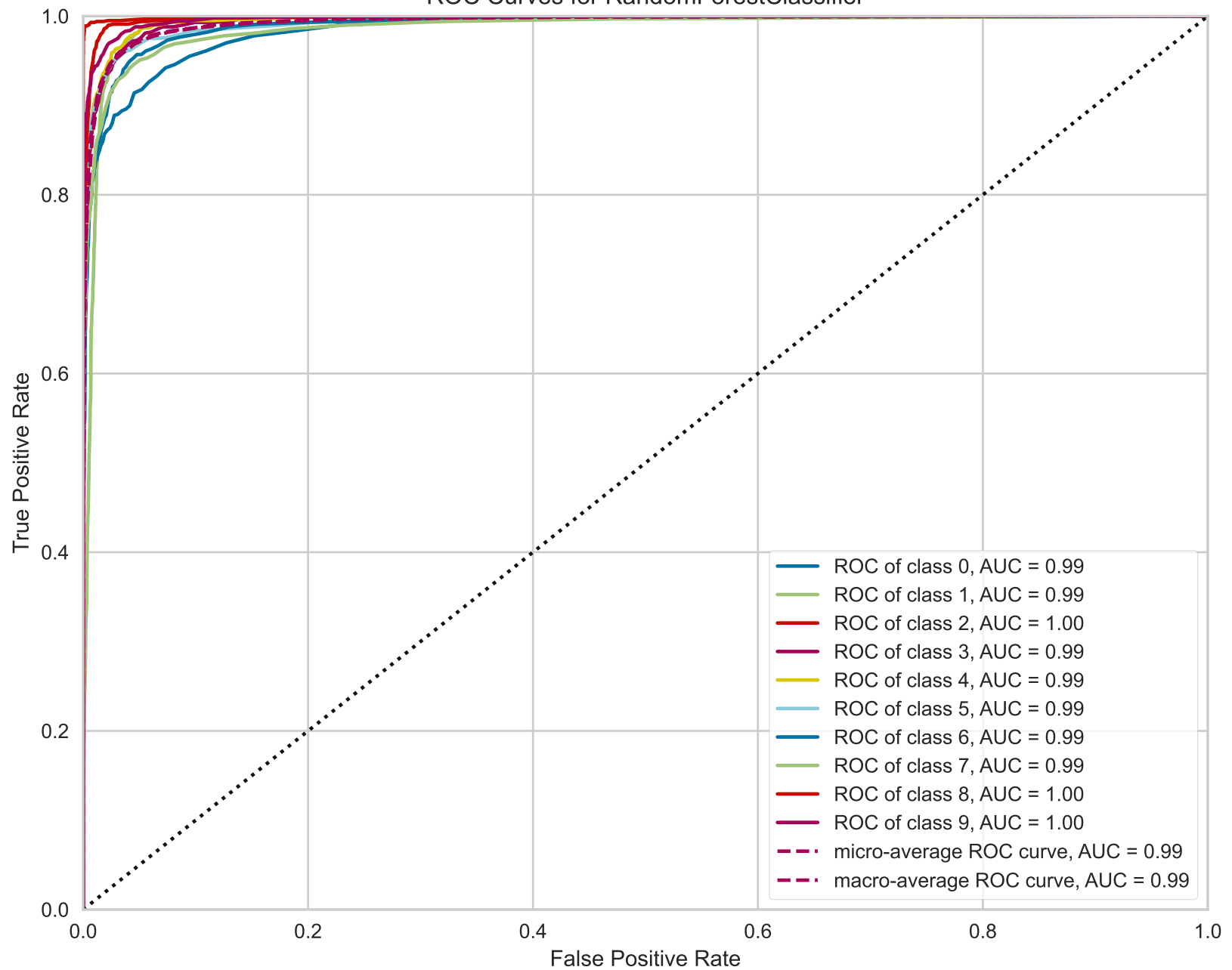
Model Metrics - Random Forest



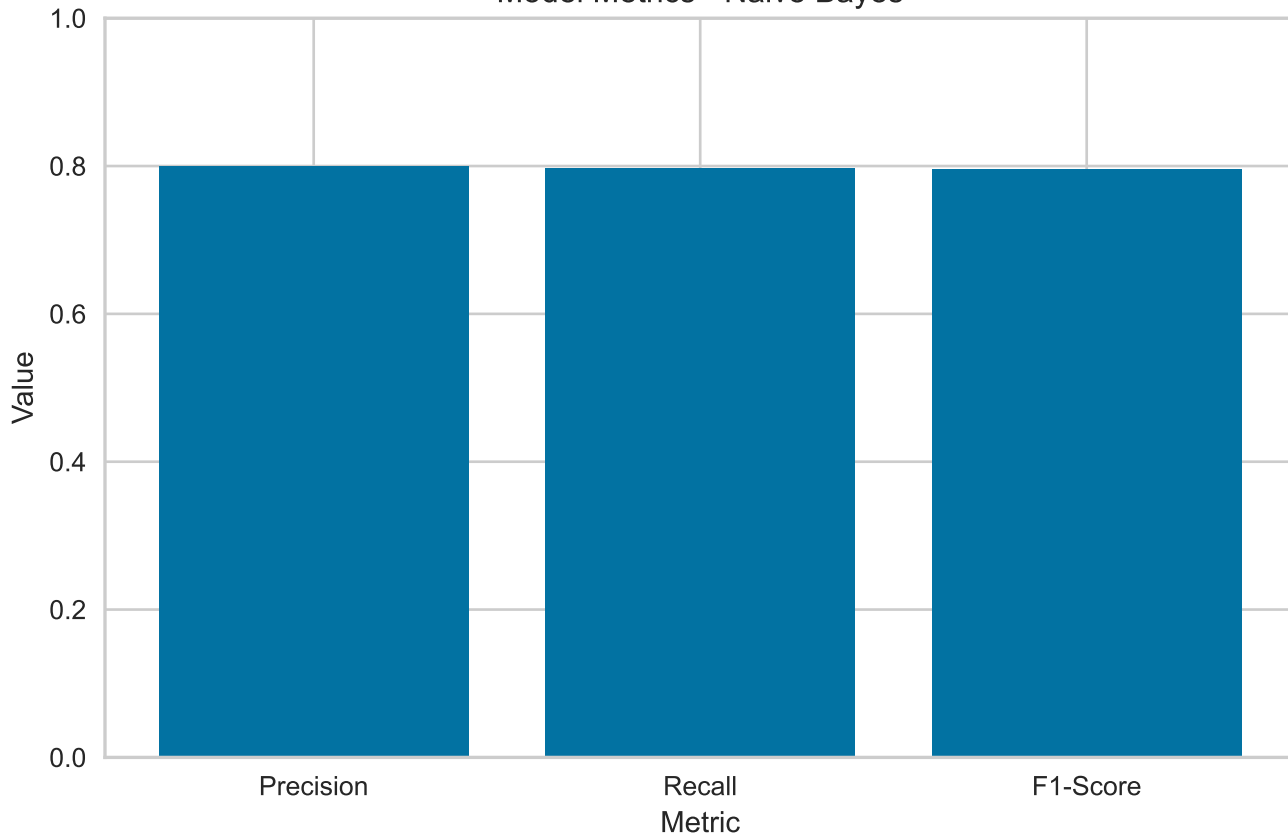
Random Forest - Confusion Matrix



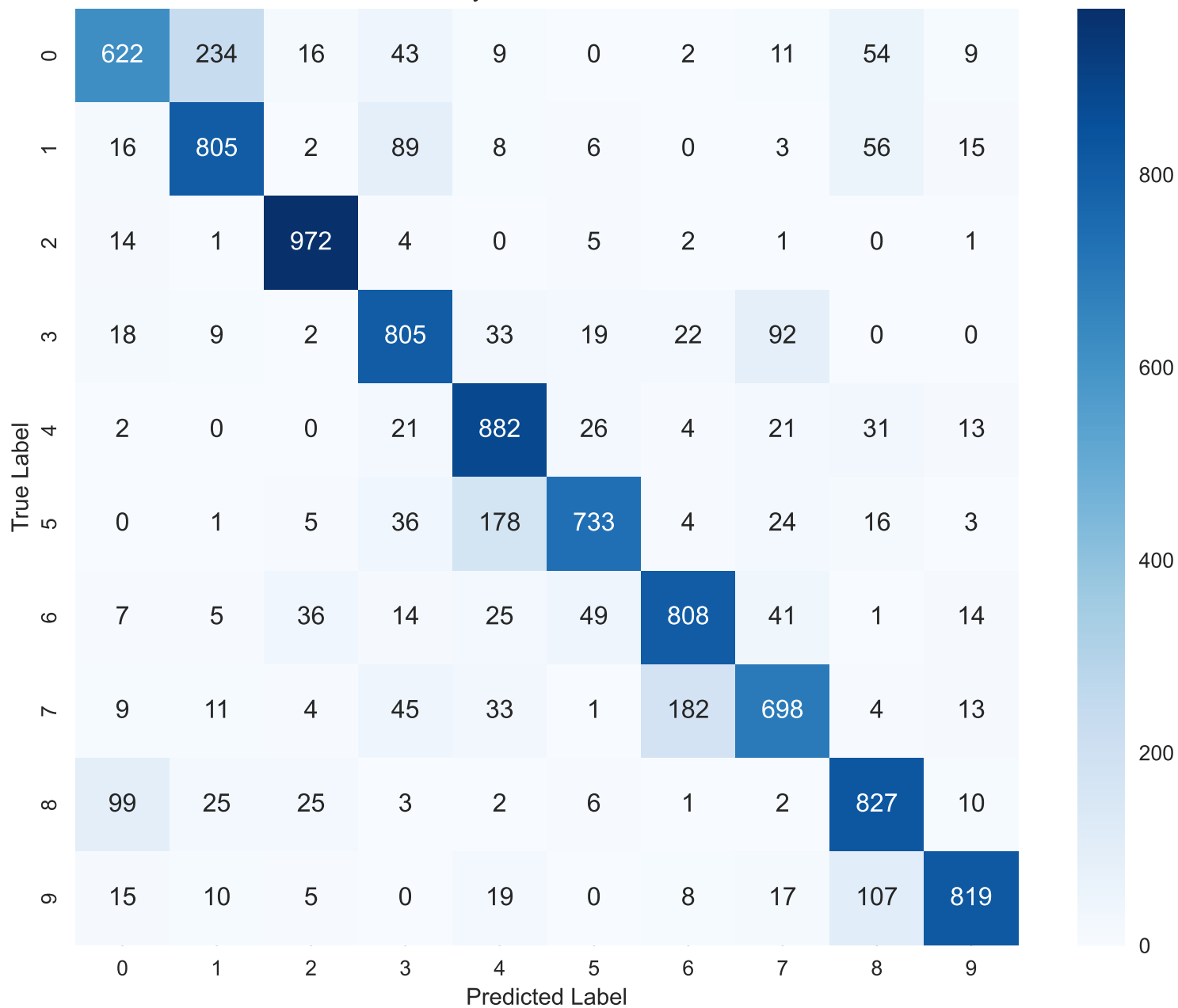
ROC Curves for RandomForestClassifier

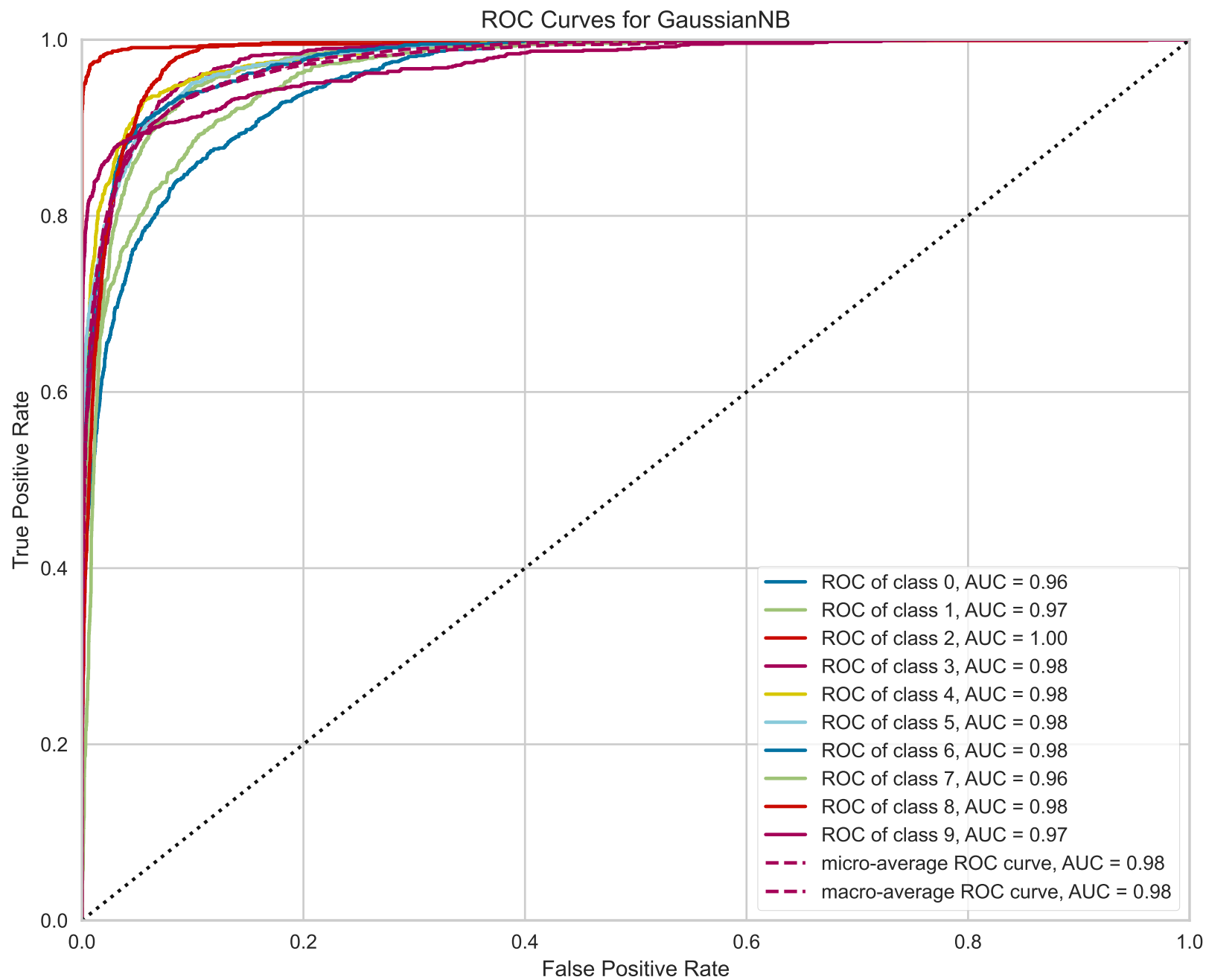


Model Metrics - Naive Bayes

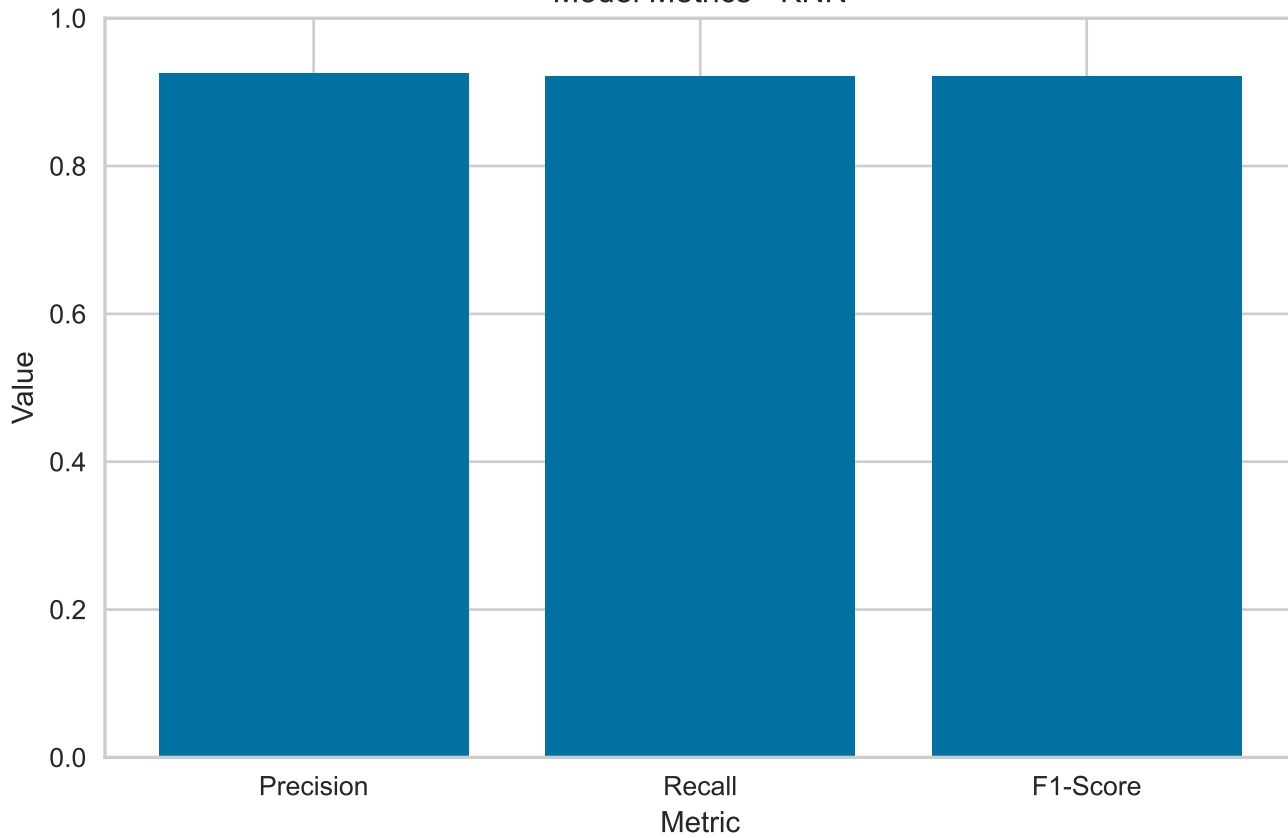


Naive Bayes - Confusion Matrix

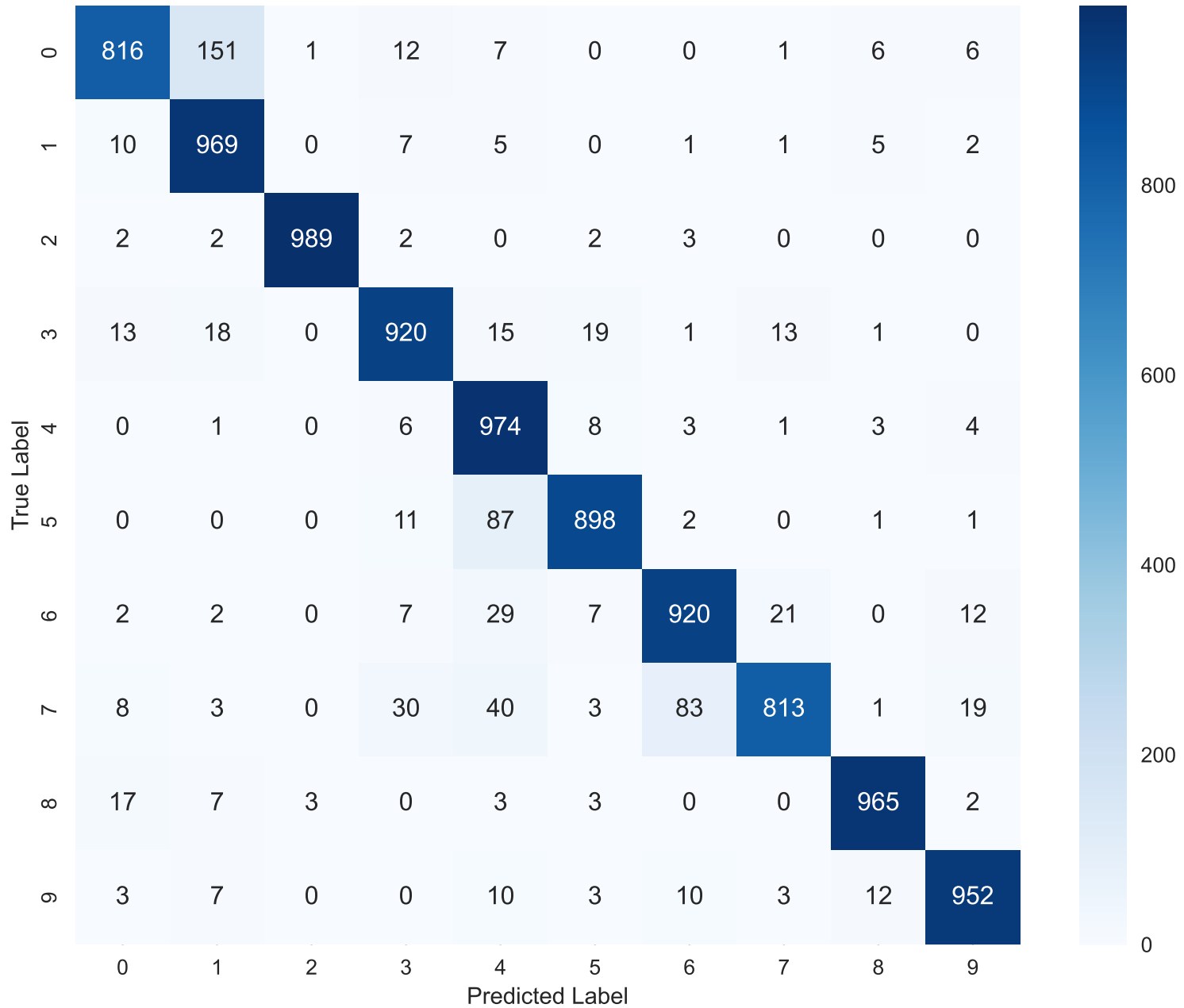




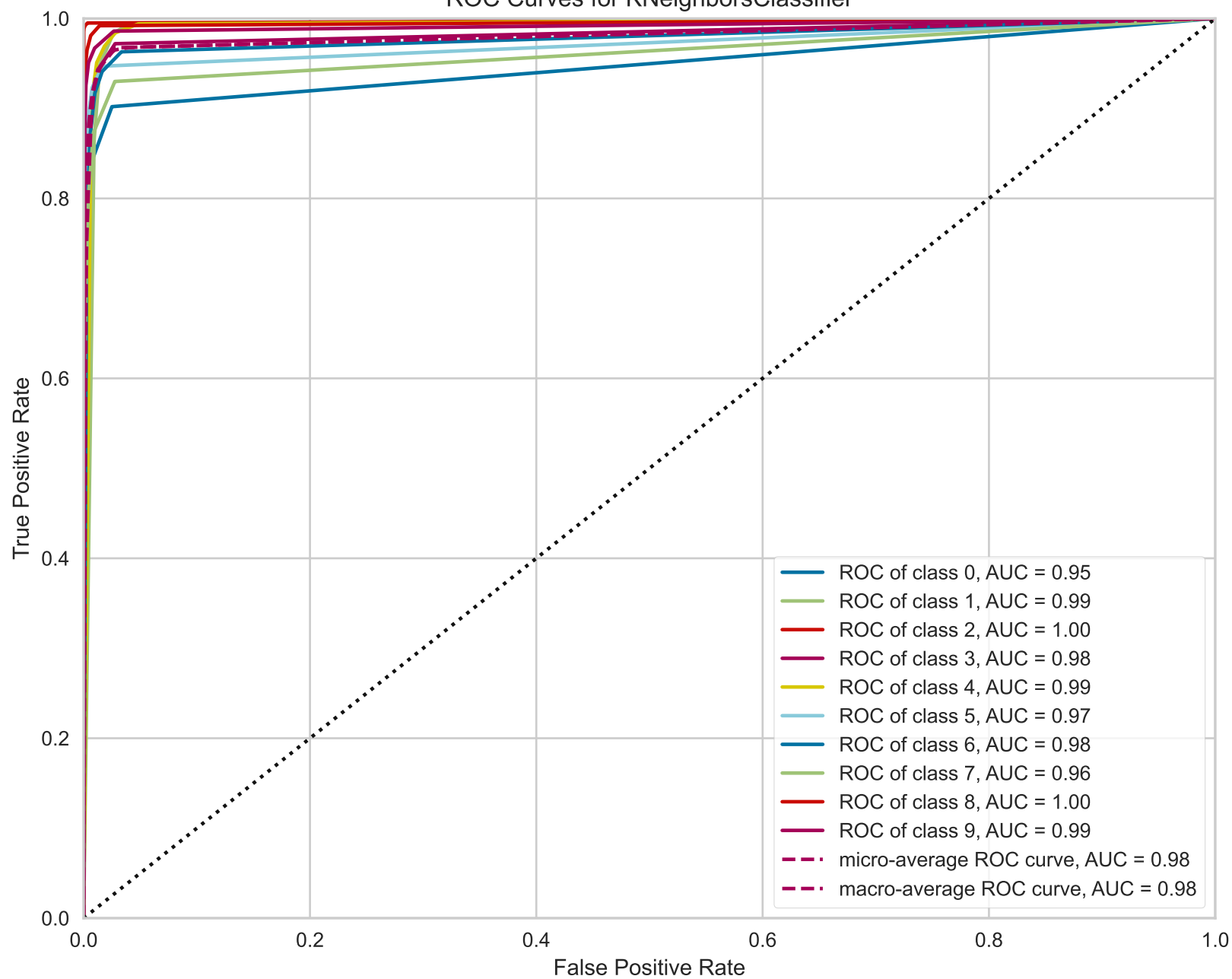
Model Metrics - KNN



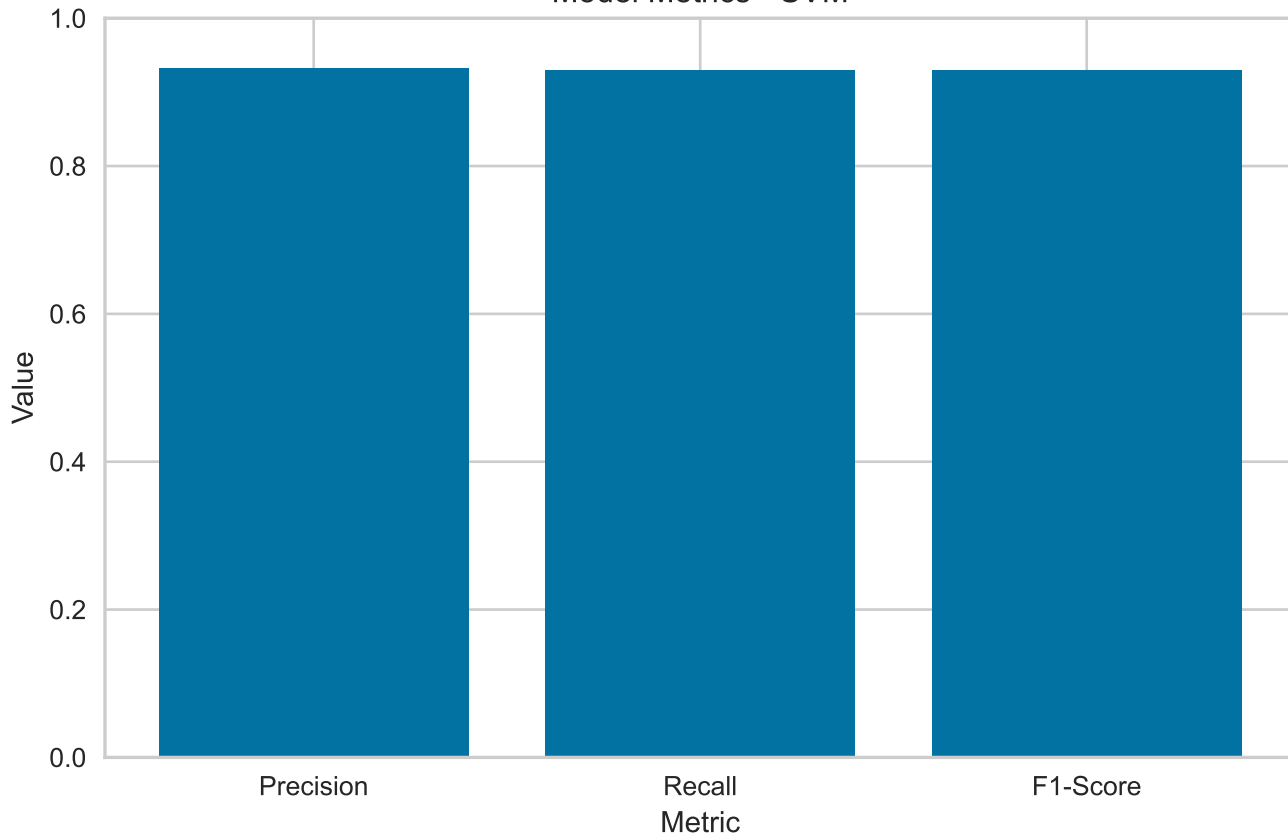
KNN - Confusion Matrix



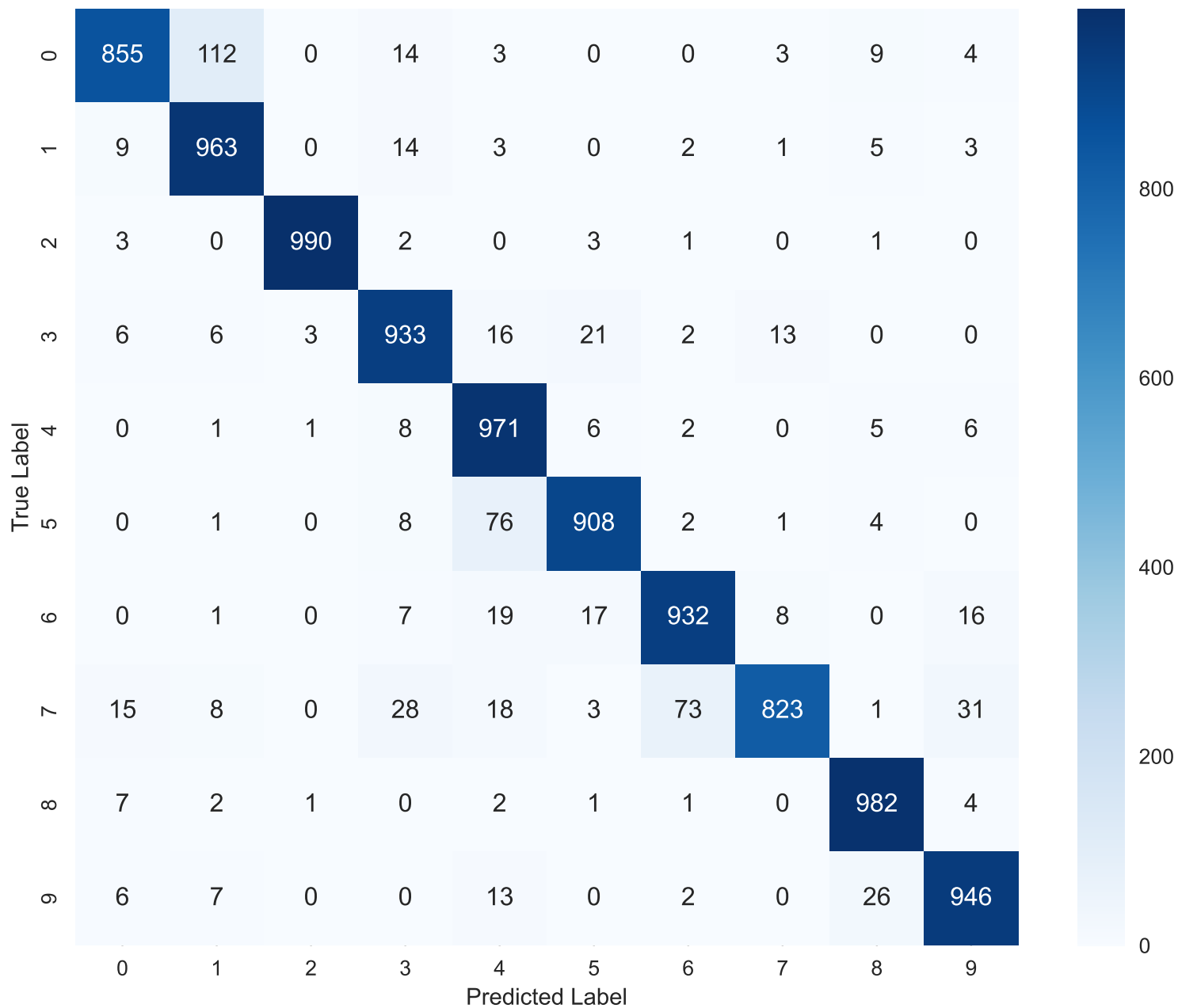
ROC Curves for KNeighborsClassifier



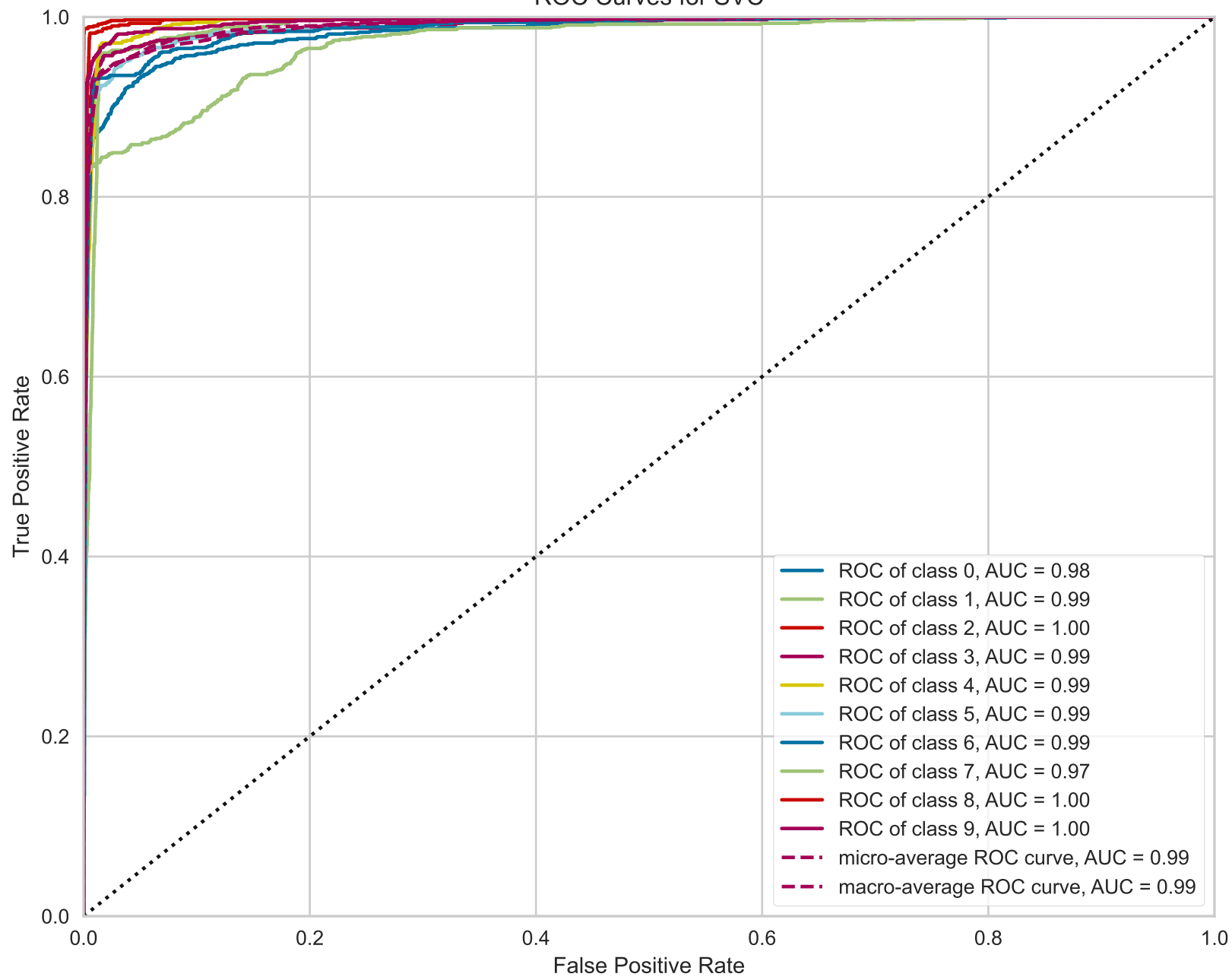
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 20 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8073290693212728	0.8080000000000002	0.8070150275573147
Random Forest	0.9018342054752877	0.8987	0.8981863952083083
Naive Bayes	0.8003195624378133	0.7971	0.7957485286511963
KNN	0.9254707712081416	0.9216	0.9214195021608221
SVM	0.9324768219217587	0.9302999999999999	0.9299547153508169