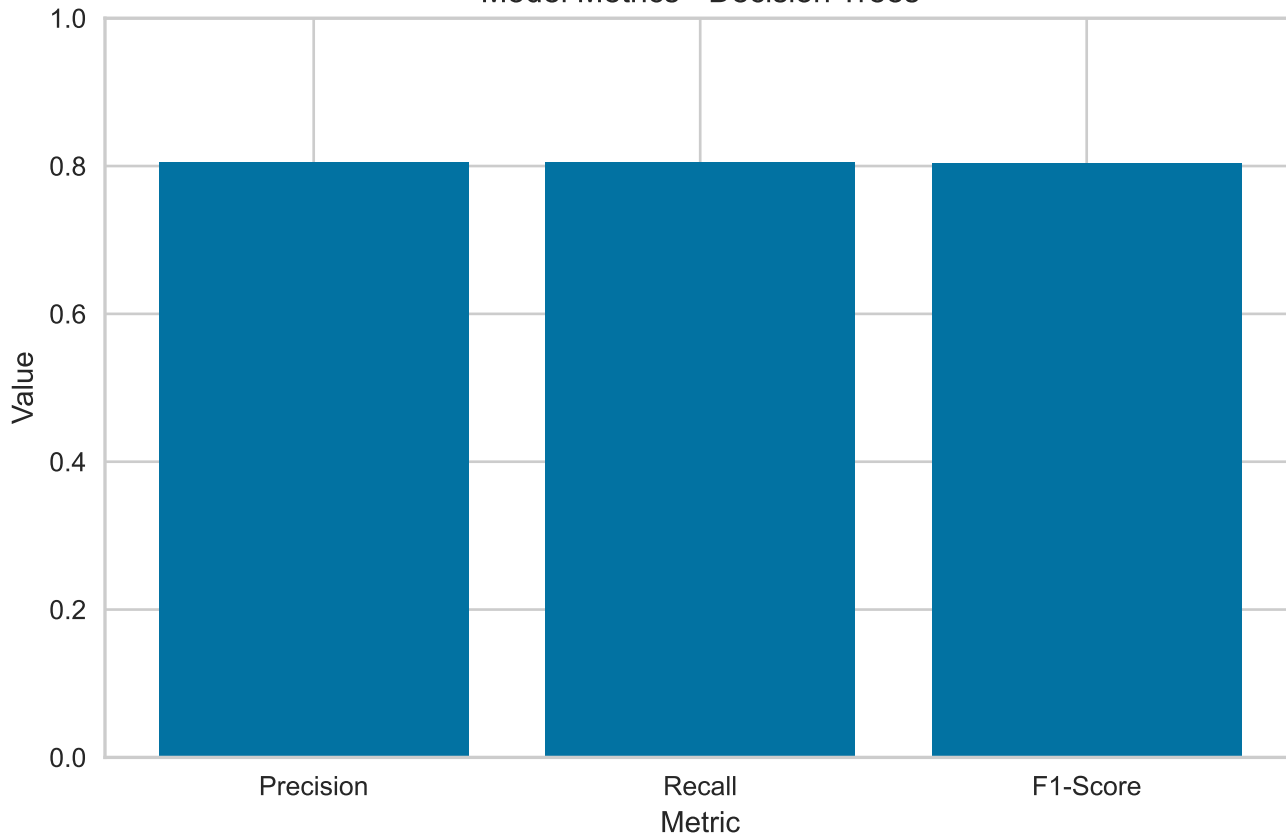
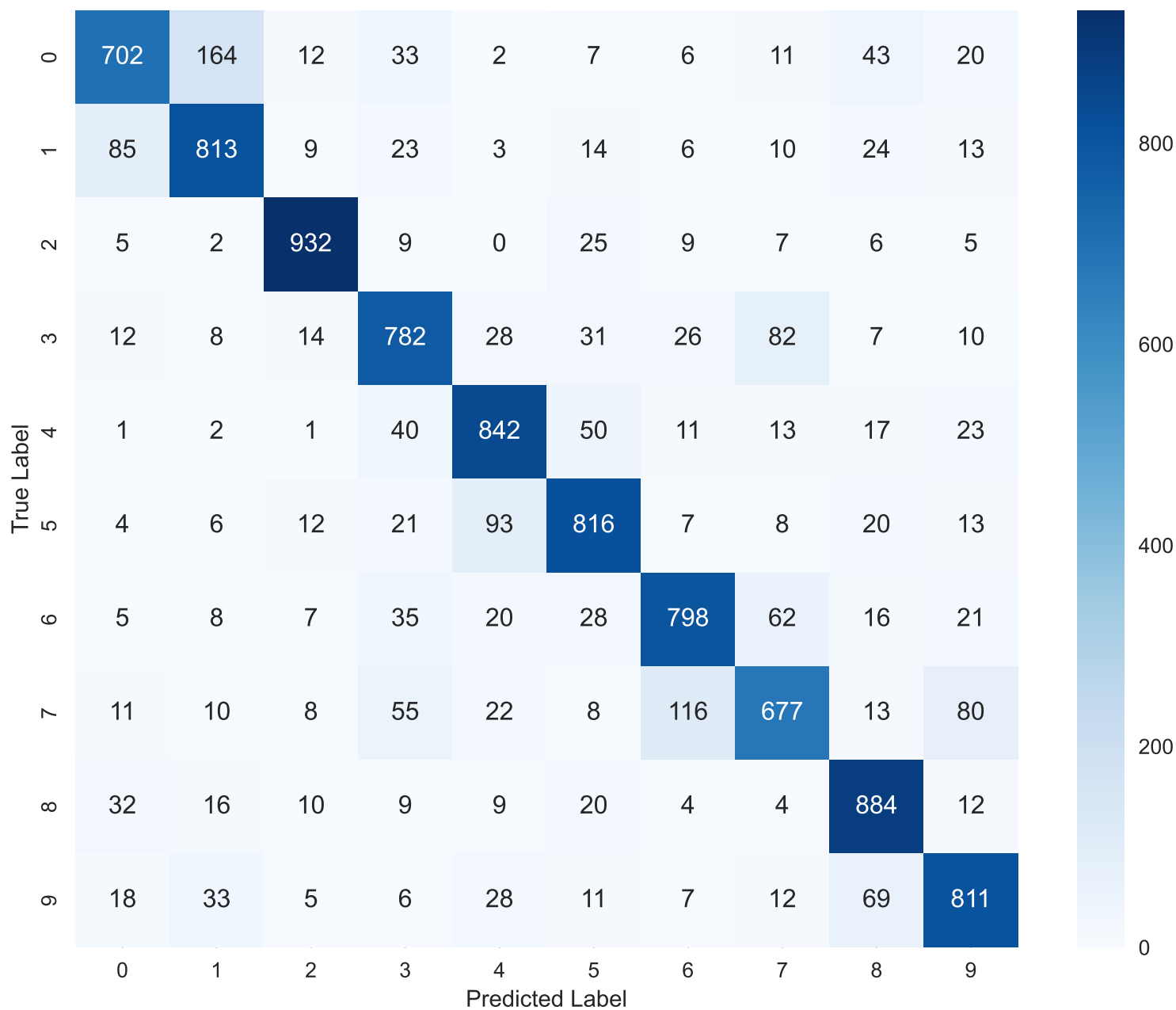


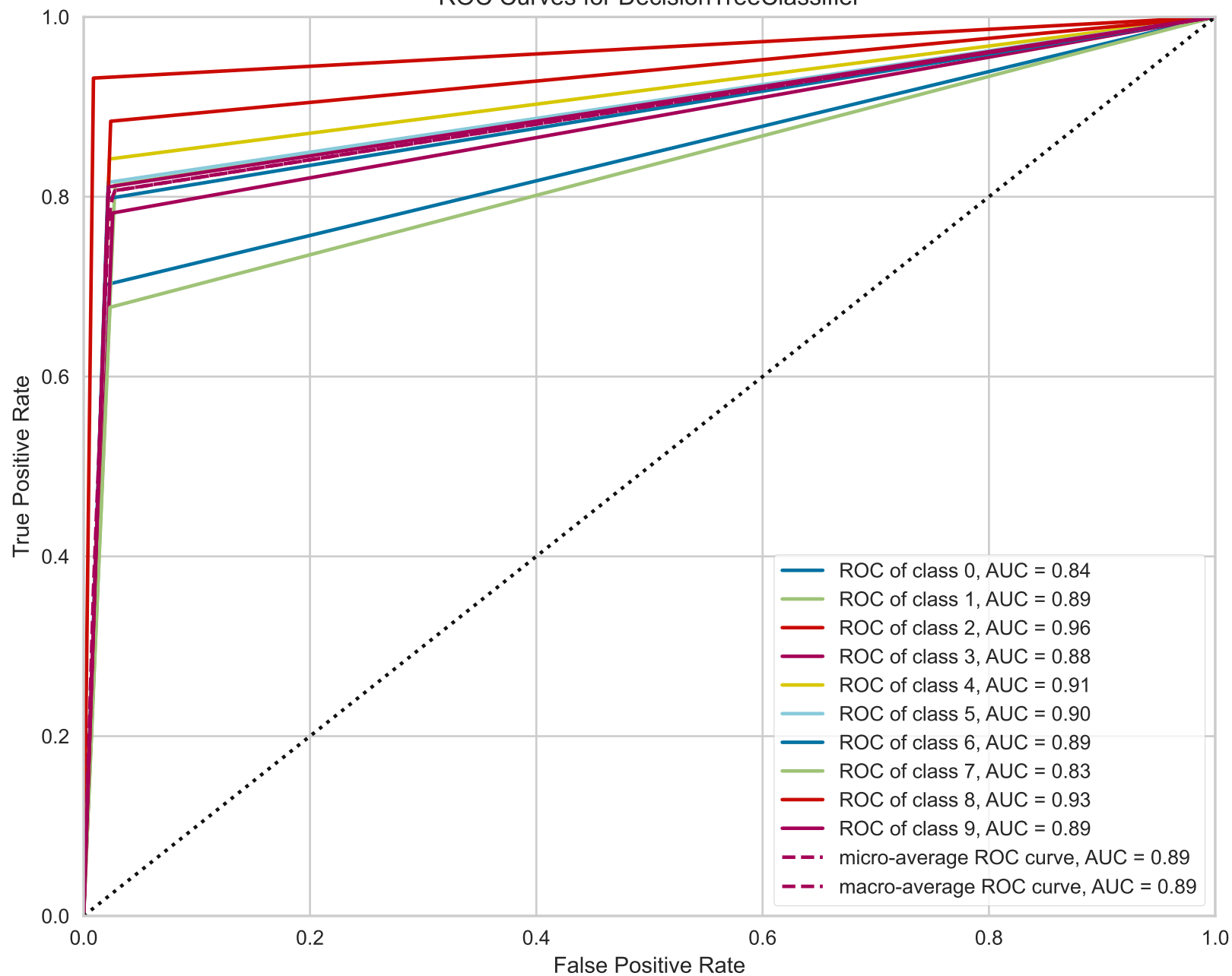
Model Metrics - Decision Trees



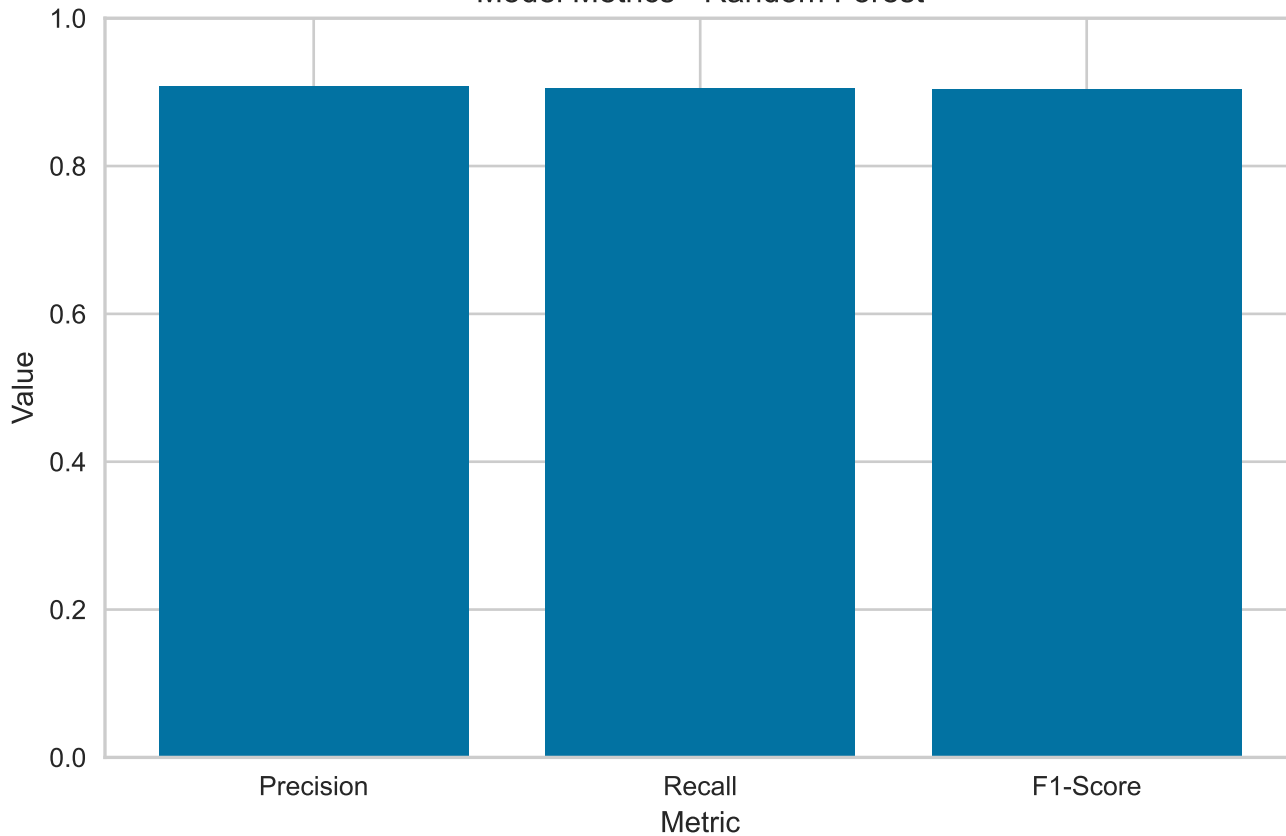
Decision Trees - Confusion Matrix



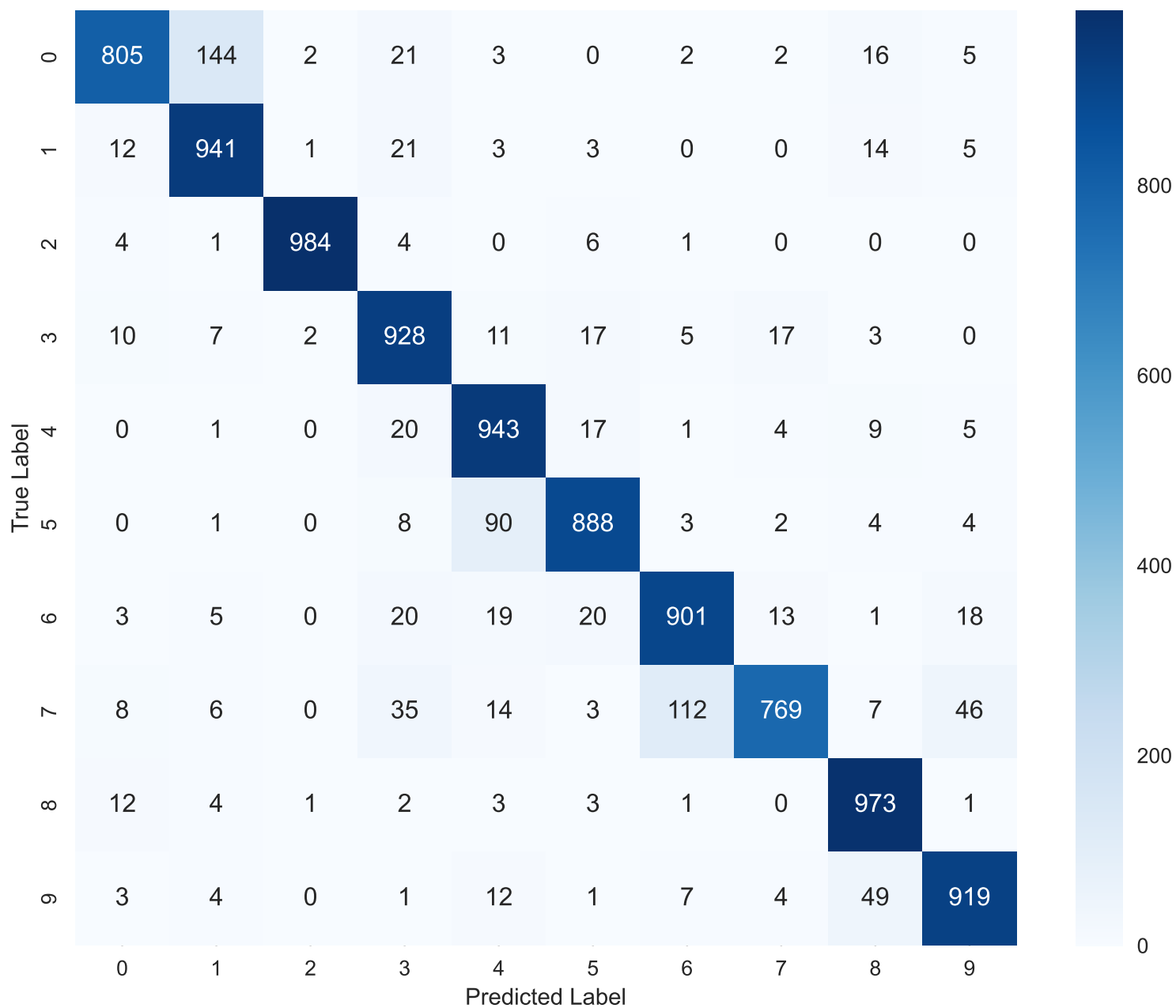
ROC Curves for DecisionTreeClassifier



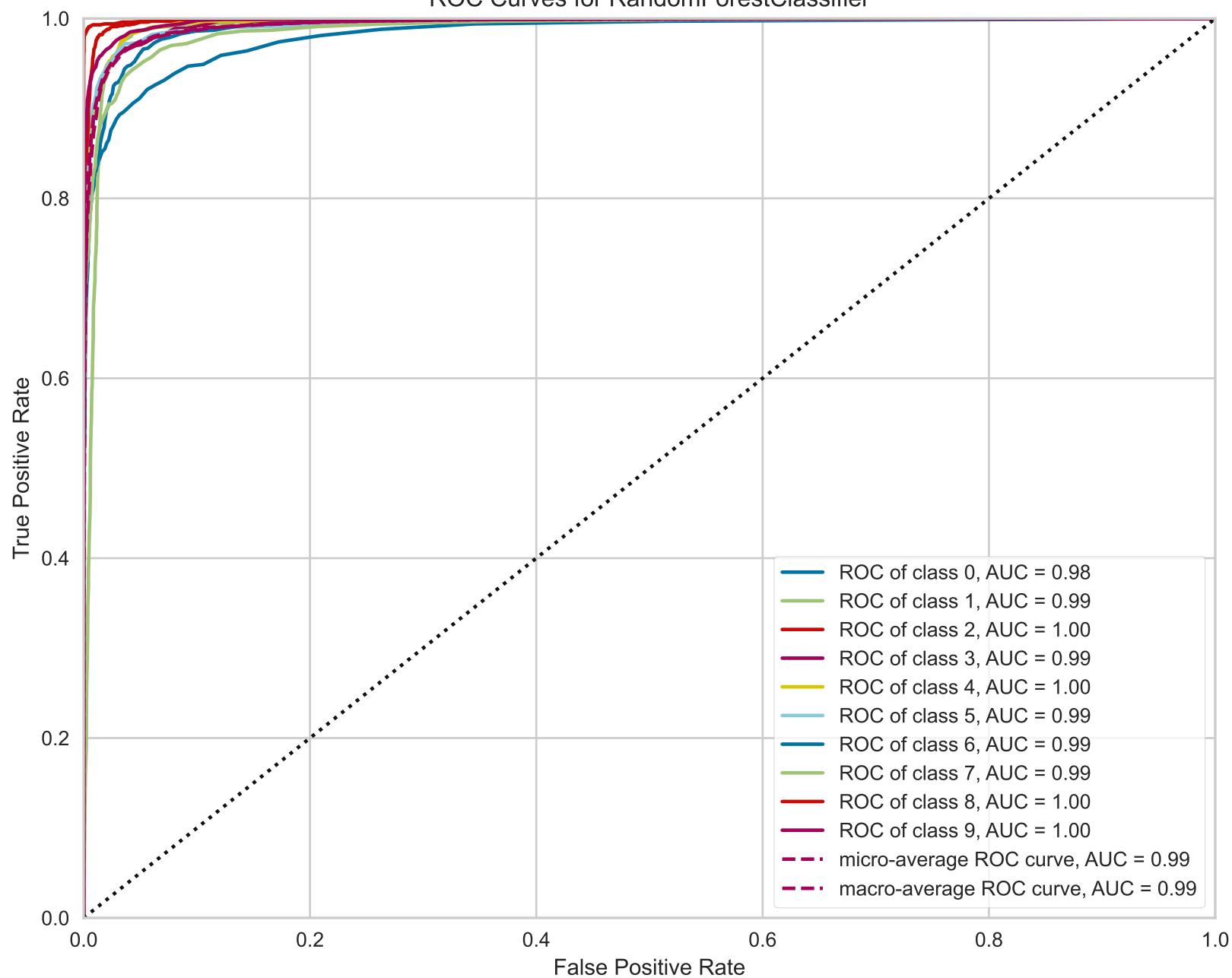
Model Metrics - Random Forest



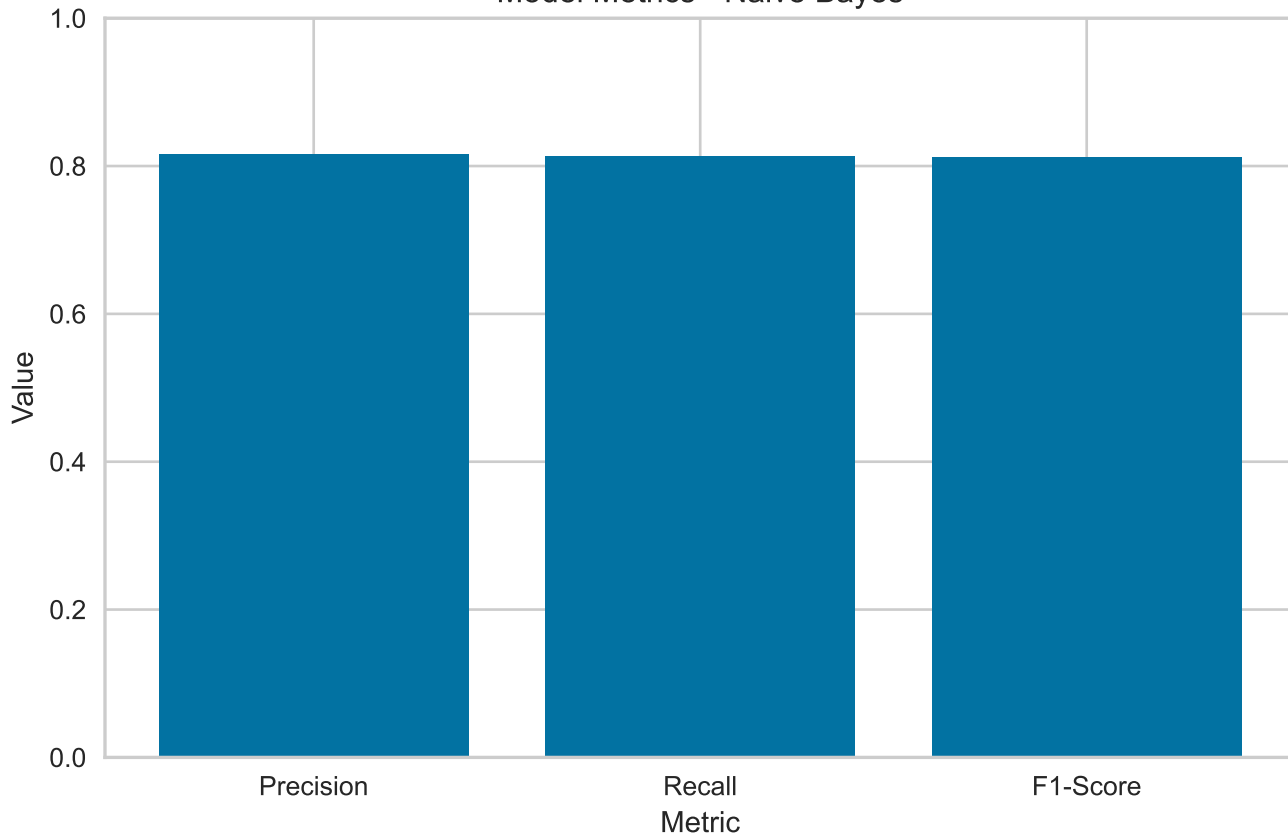
Random Forest - Confusion Matrix



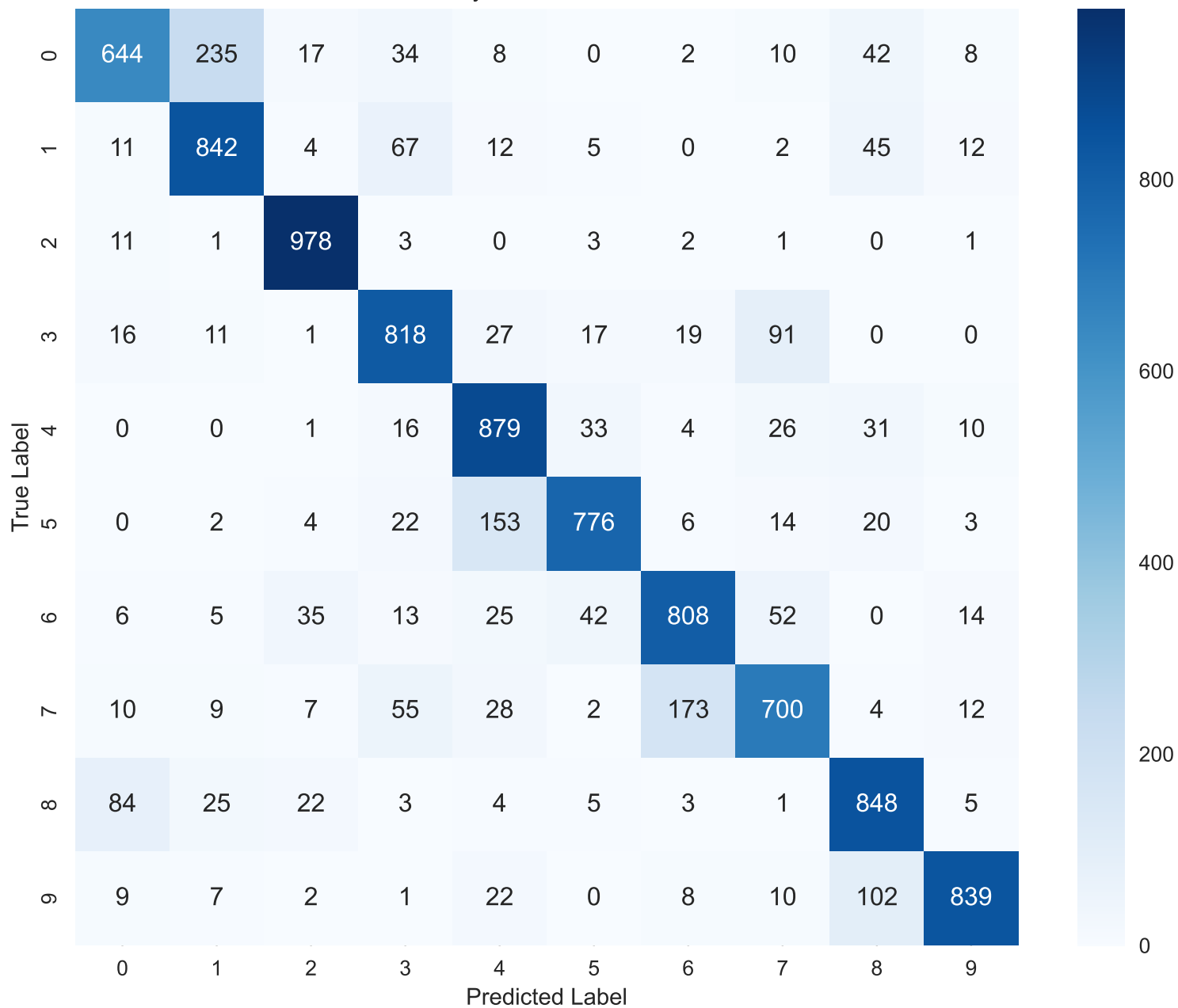
ROC Curves for RandomForestClassifier

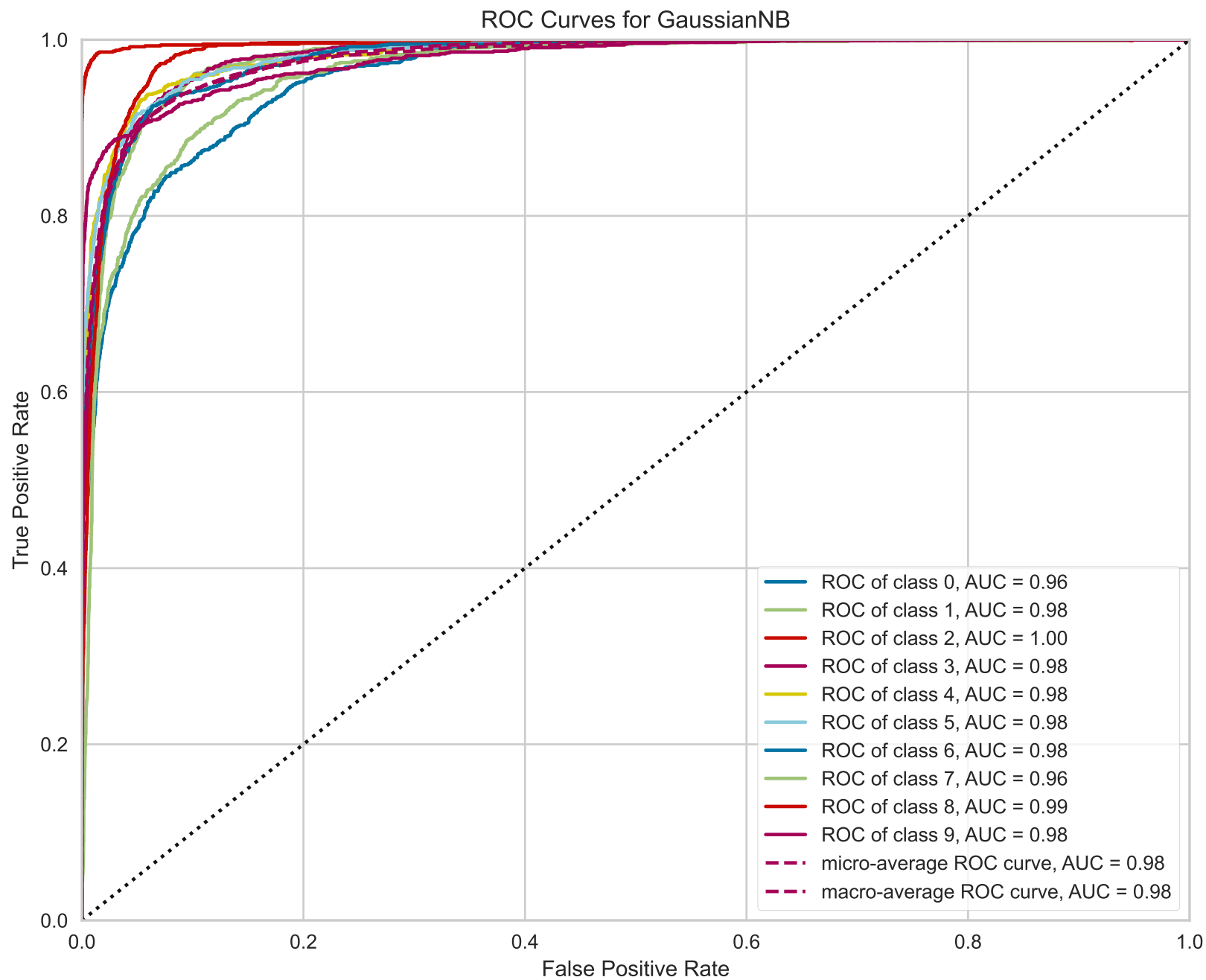


Model Metrics - Naive Bayes

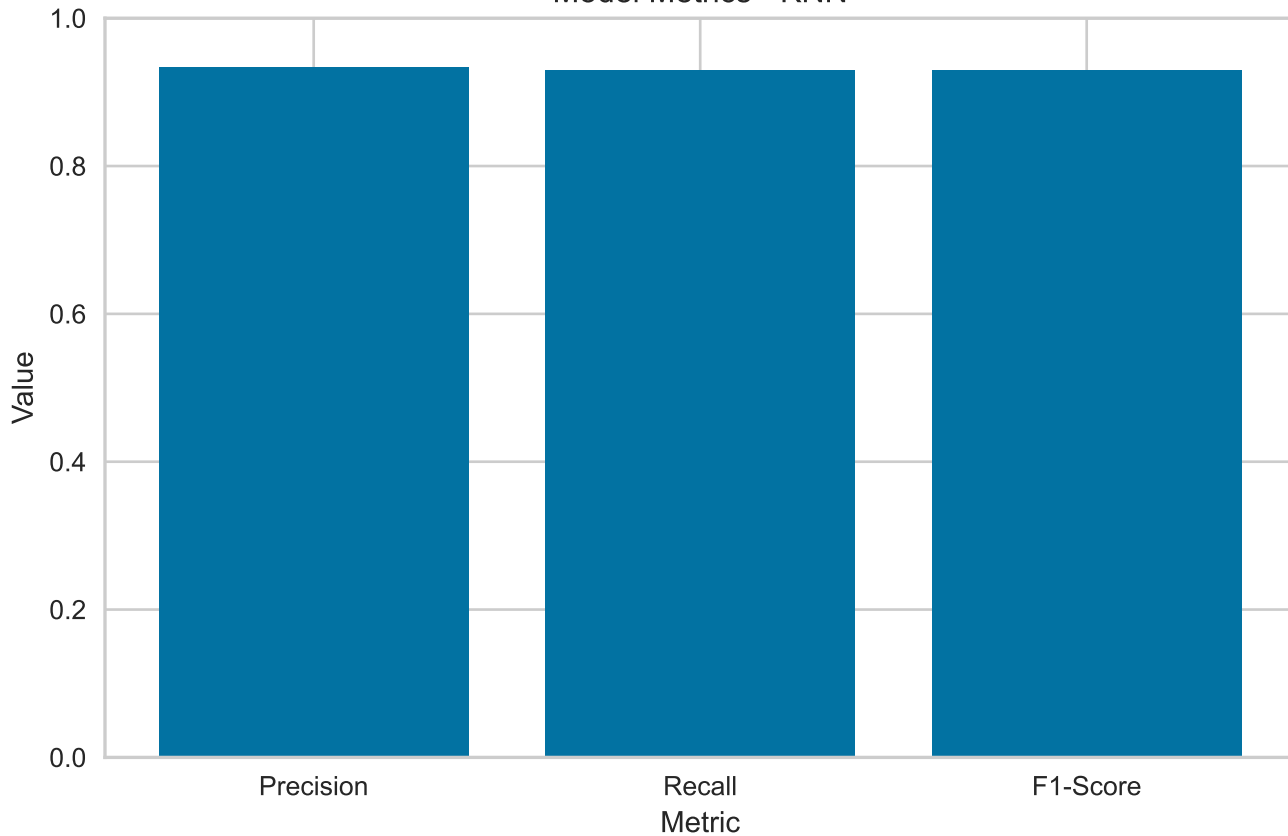


Naive Bayes - Confusion Matrix

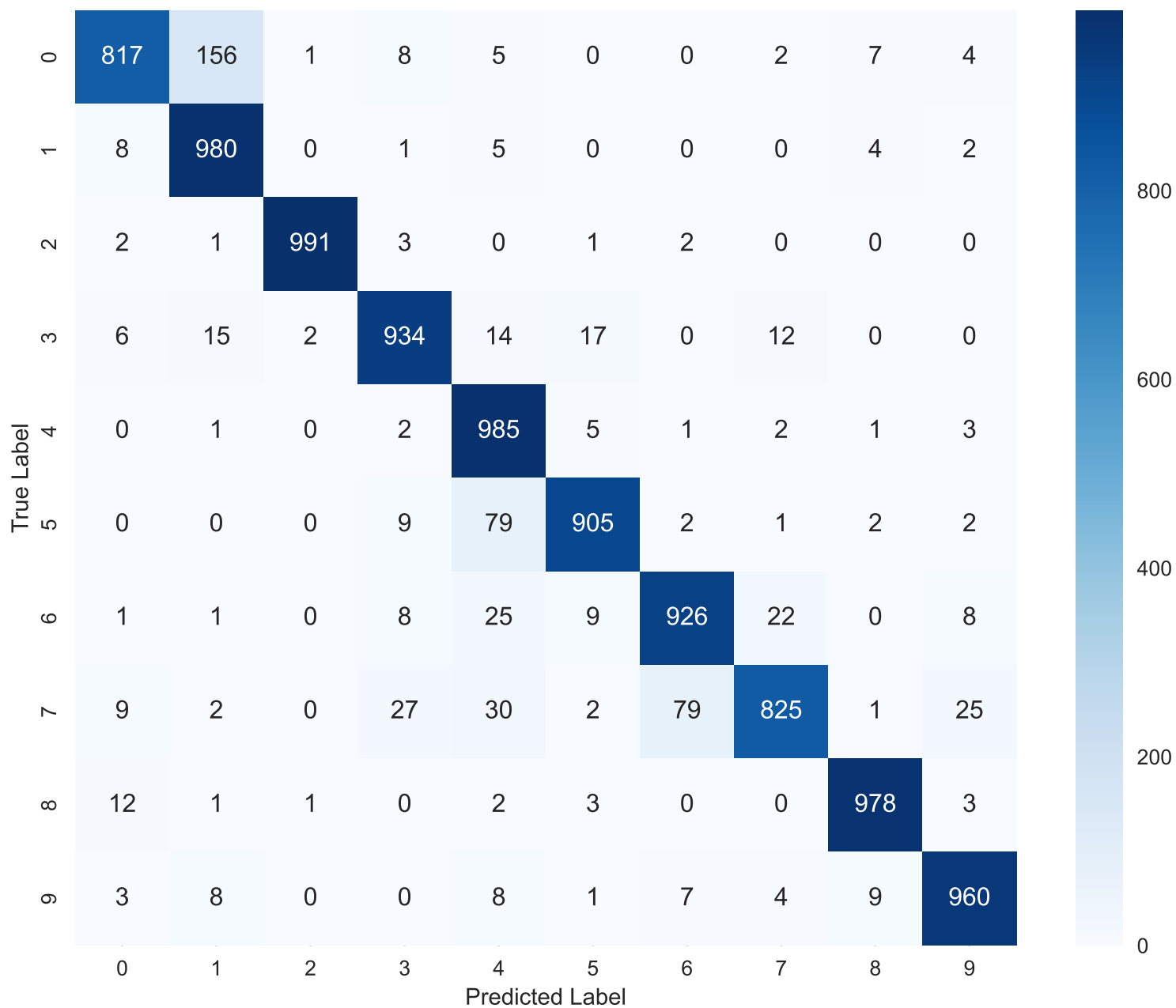




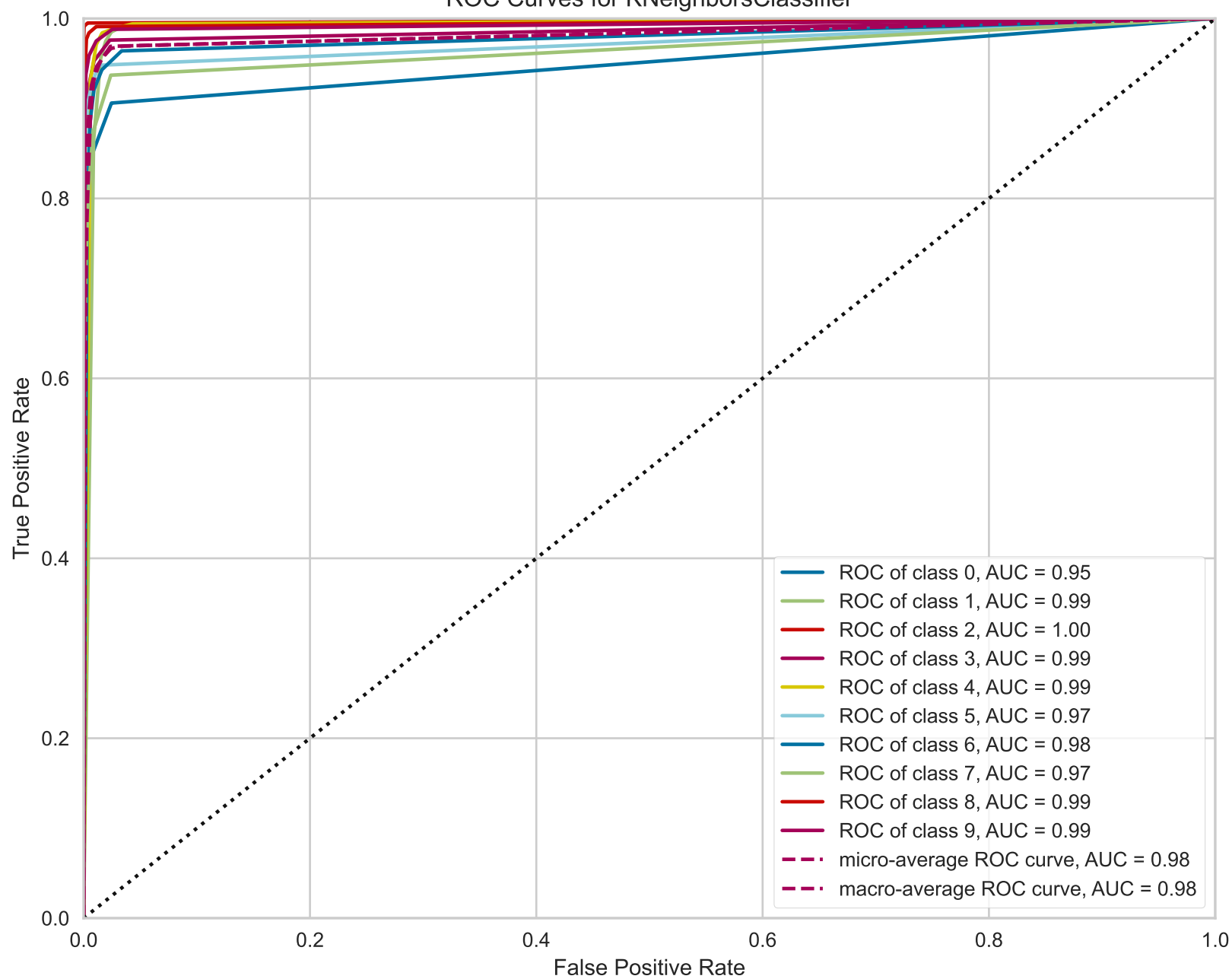
Model Metrics - KNN



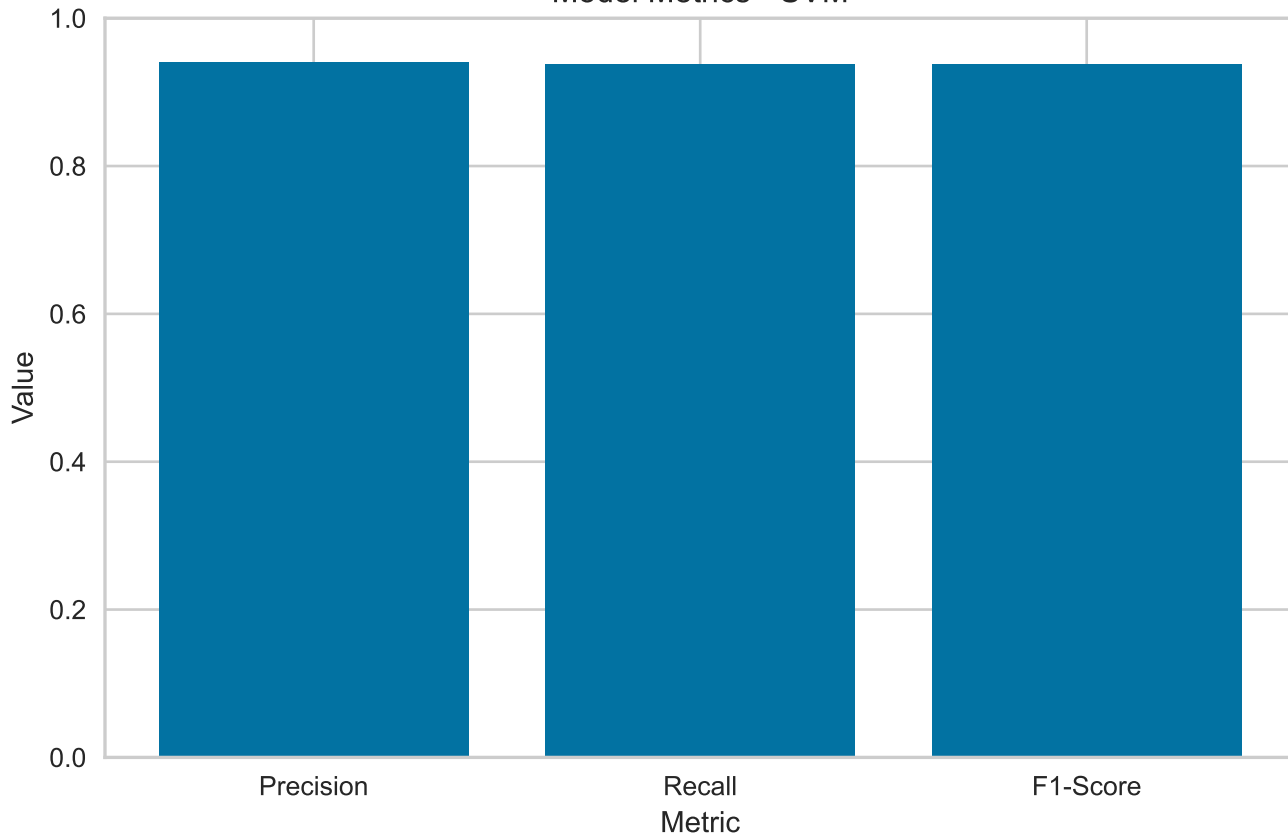
KNN - Confusion Matrix



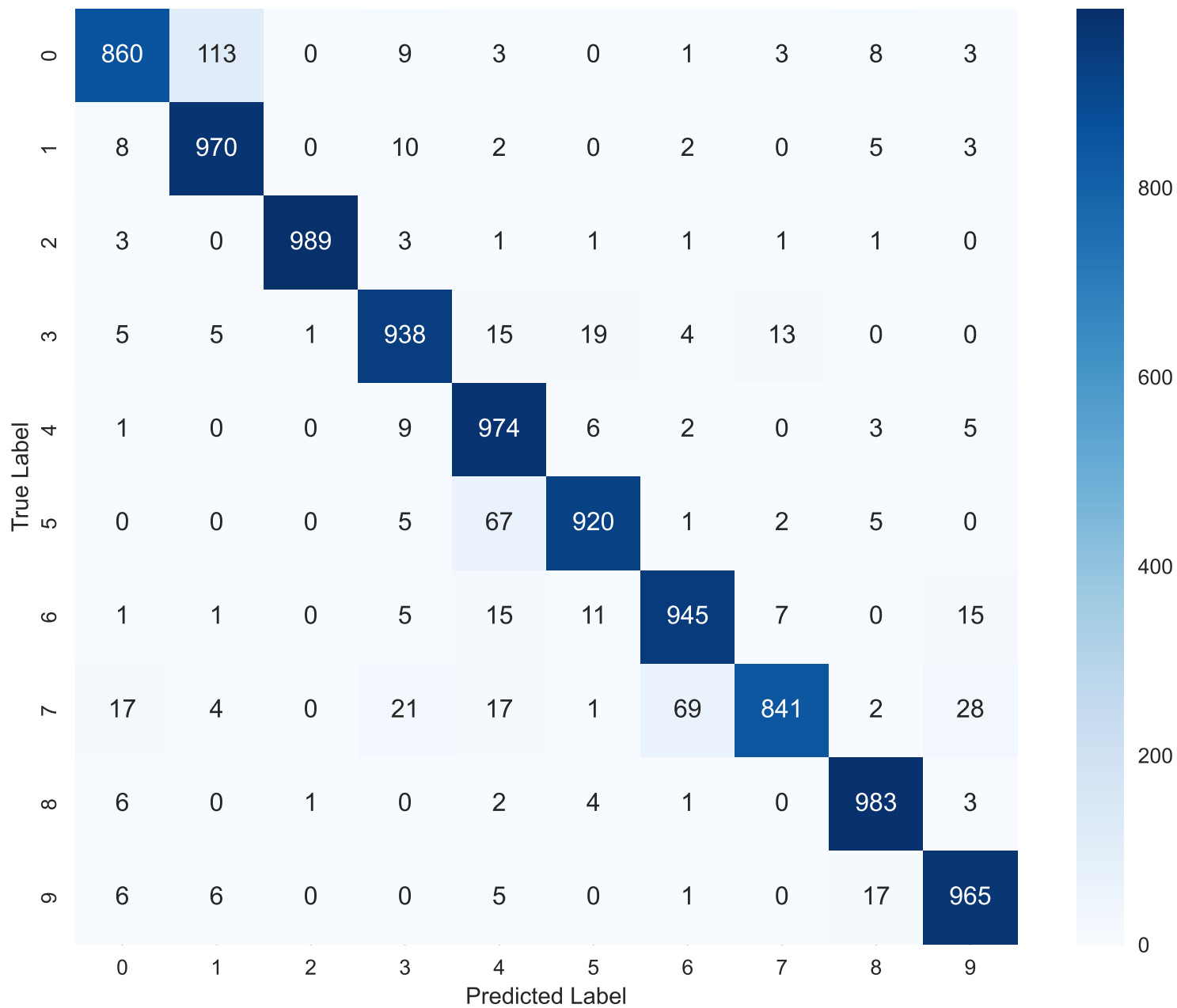
ROC Curves for KNeighborsClassifier



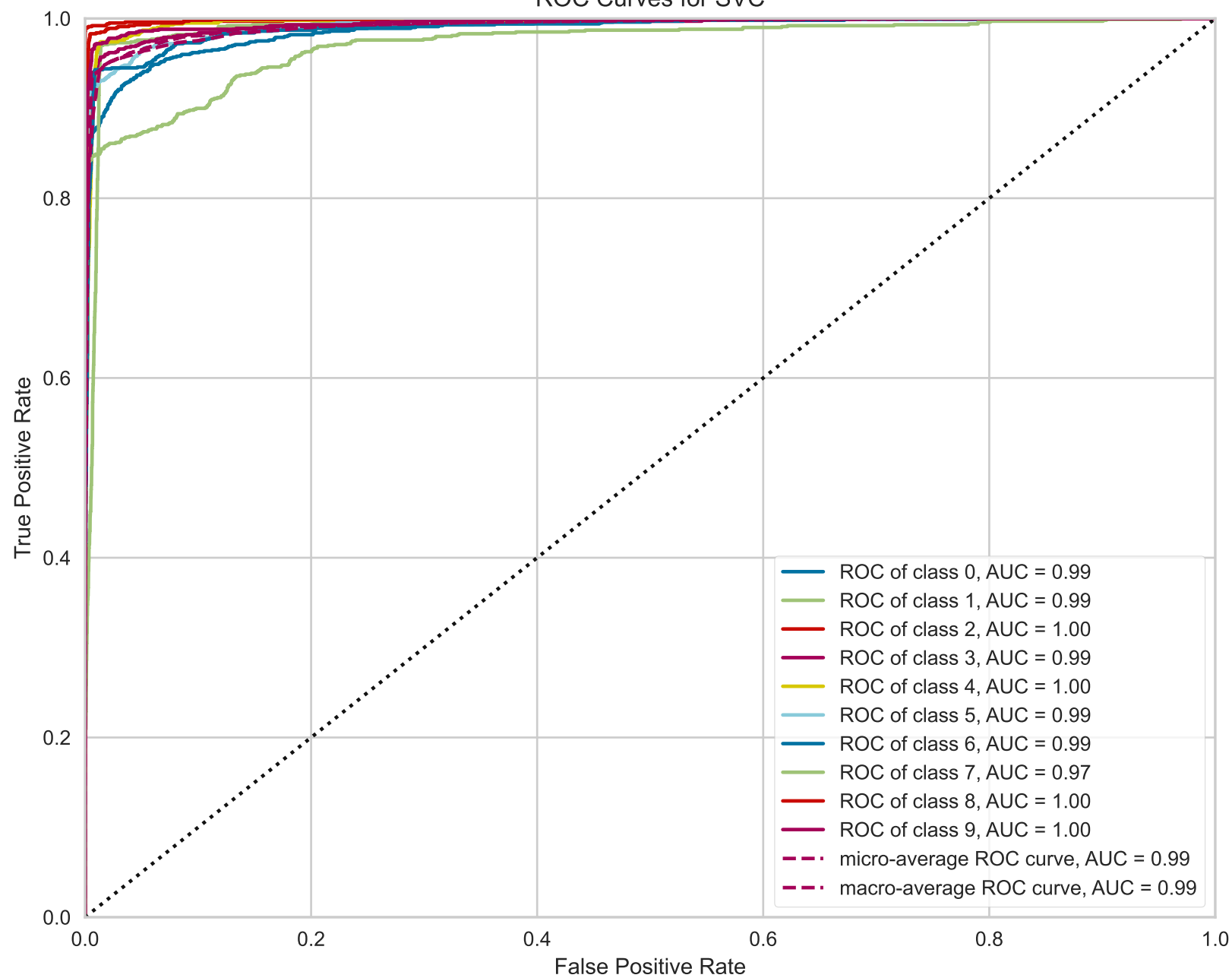
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 30 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8053782509220089	0.8057000000000001	0.8046281789436222
Random Forest	0.90801587005272	0.9051	0.9043792708011622
Naive Bayes	0.8163116953566556	0.8131999999999999	0.8119793203450658
KNN	0.9335281137418313	0.9300999999999998	0.9297705903220634
SVM	0.9402129761758014	0.9385	0.9381823919643638