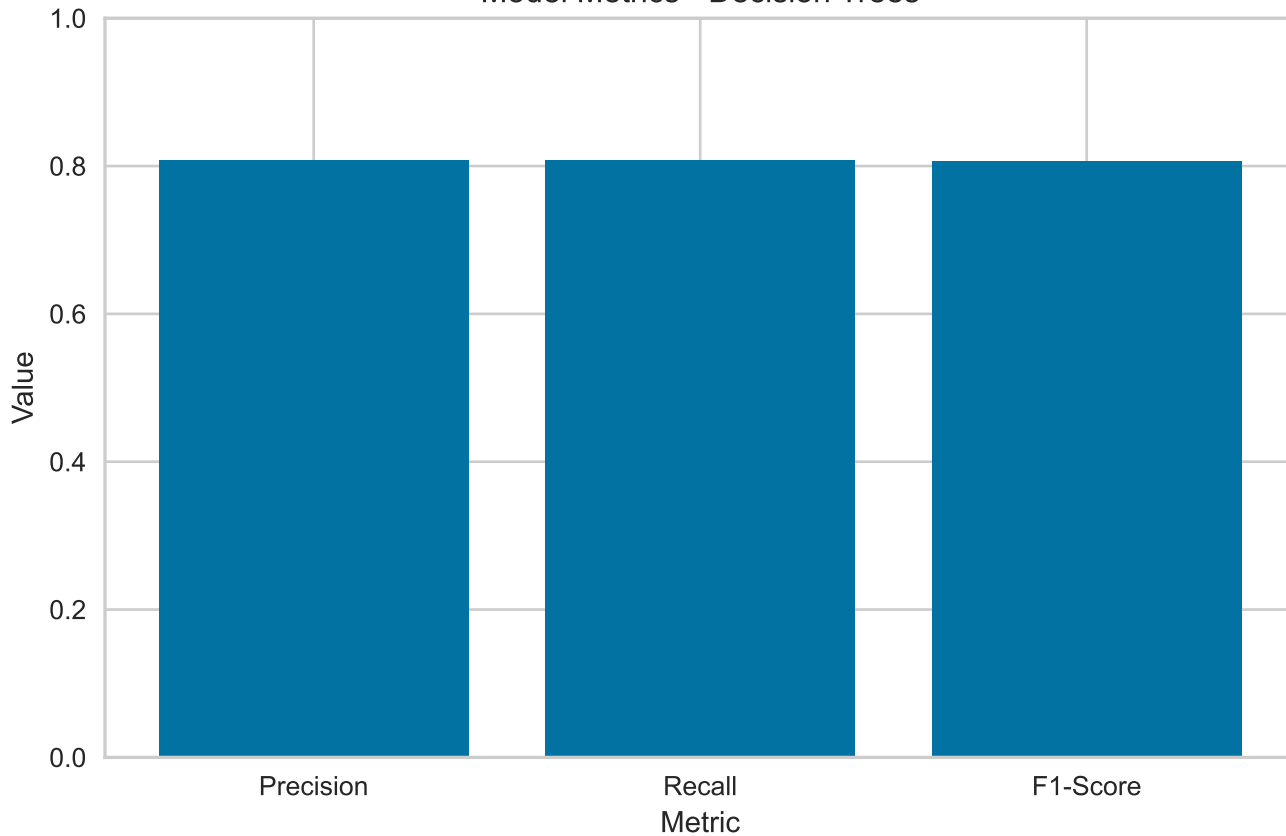
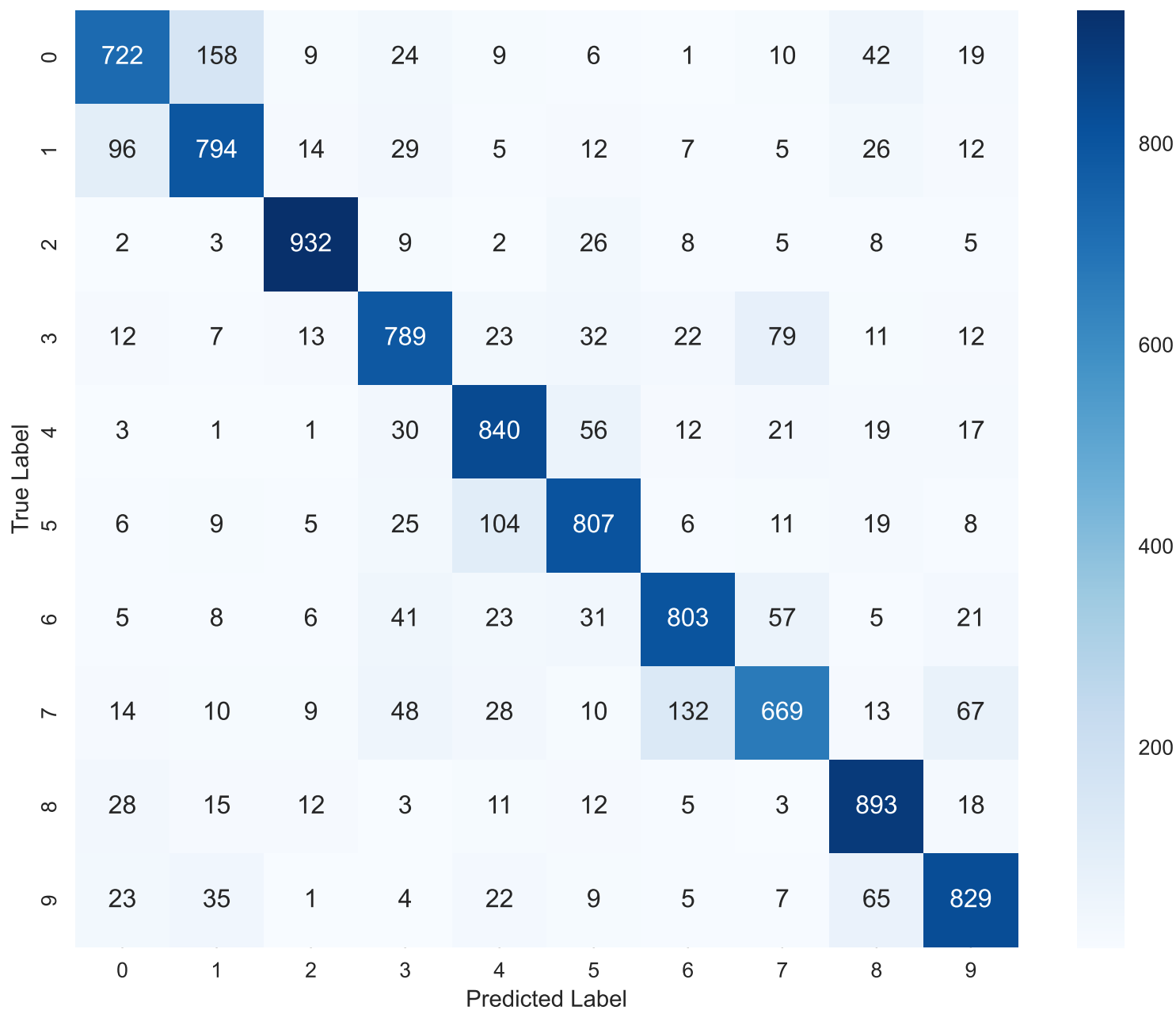


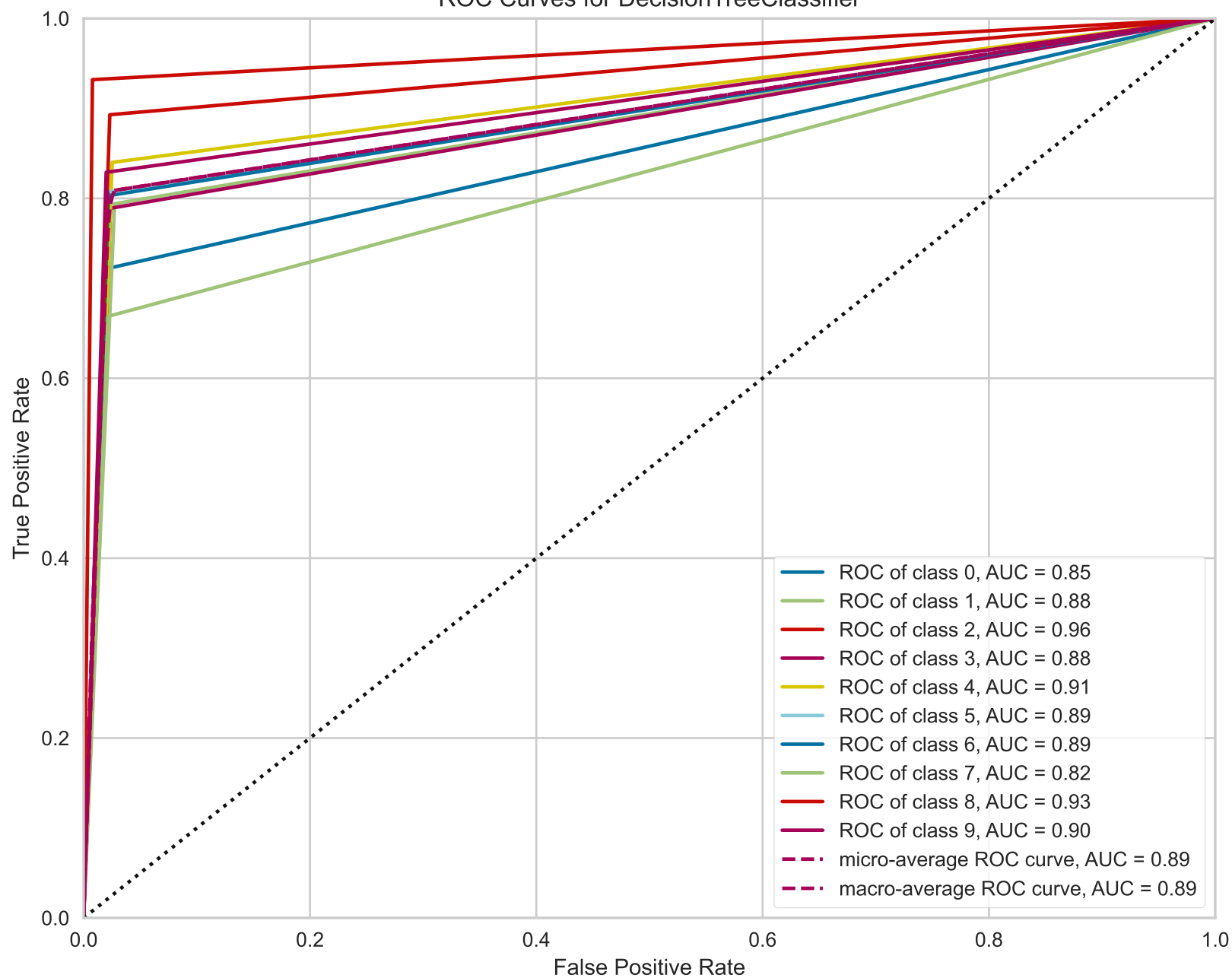
Model Metrics - Decision Trees



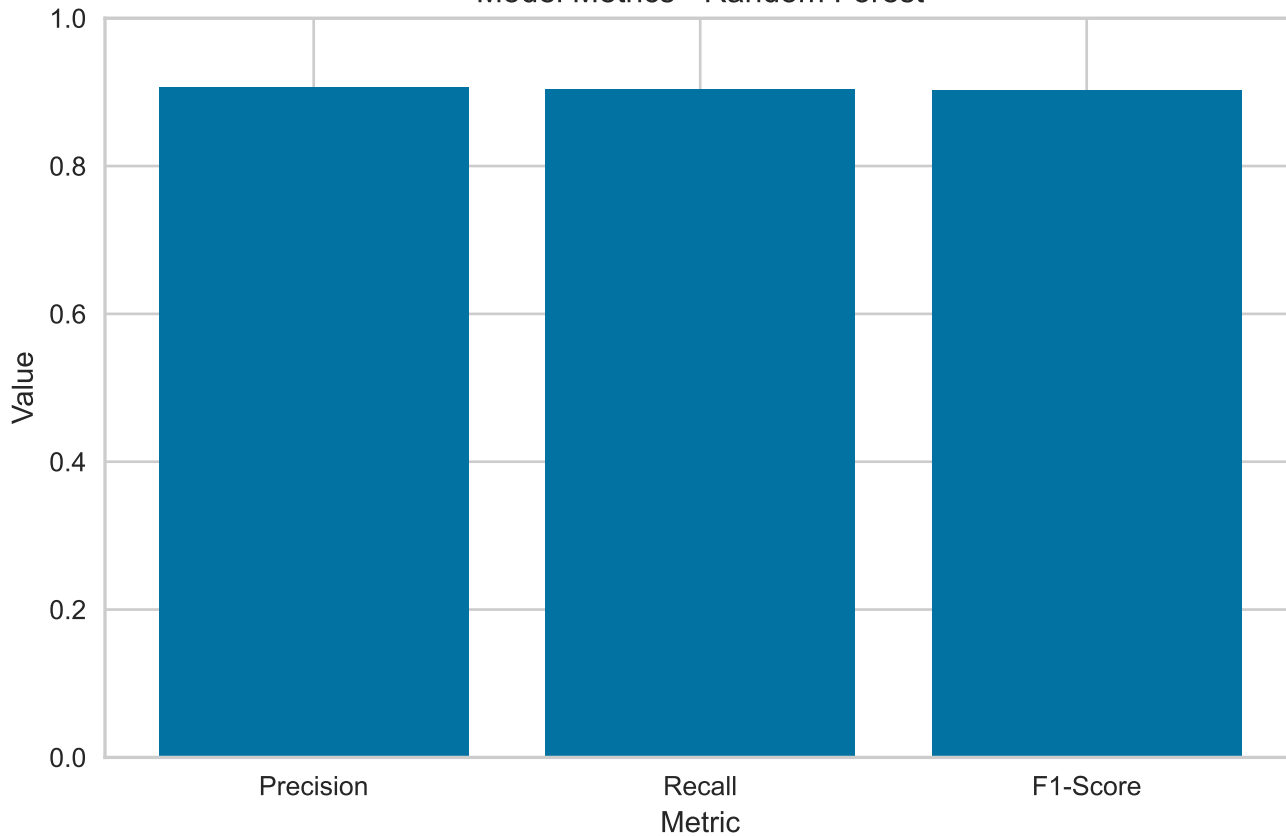
Decision Trees - Confusion Matrix



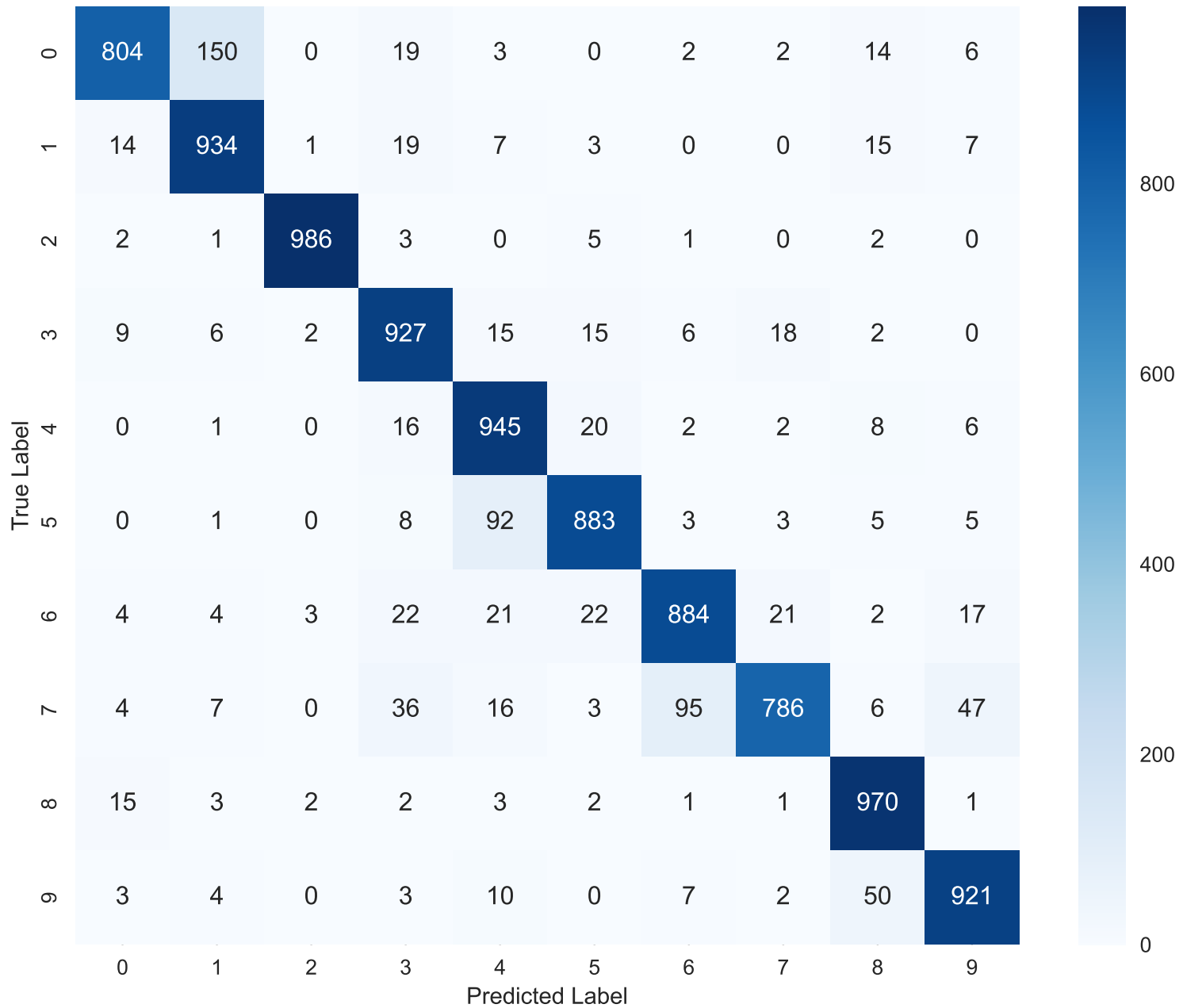
ROC Curves for DecisionTreeClassifier



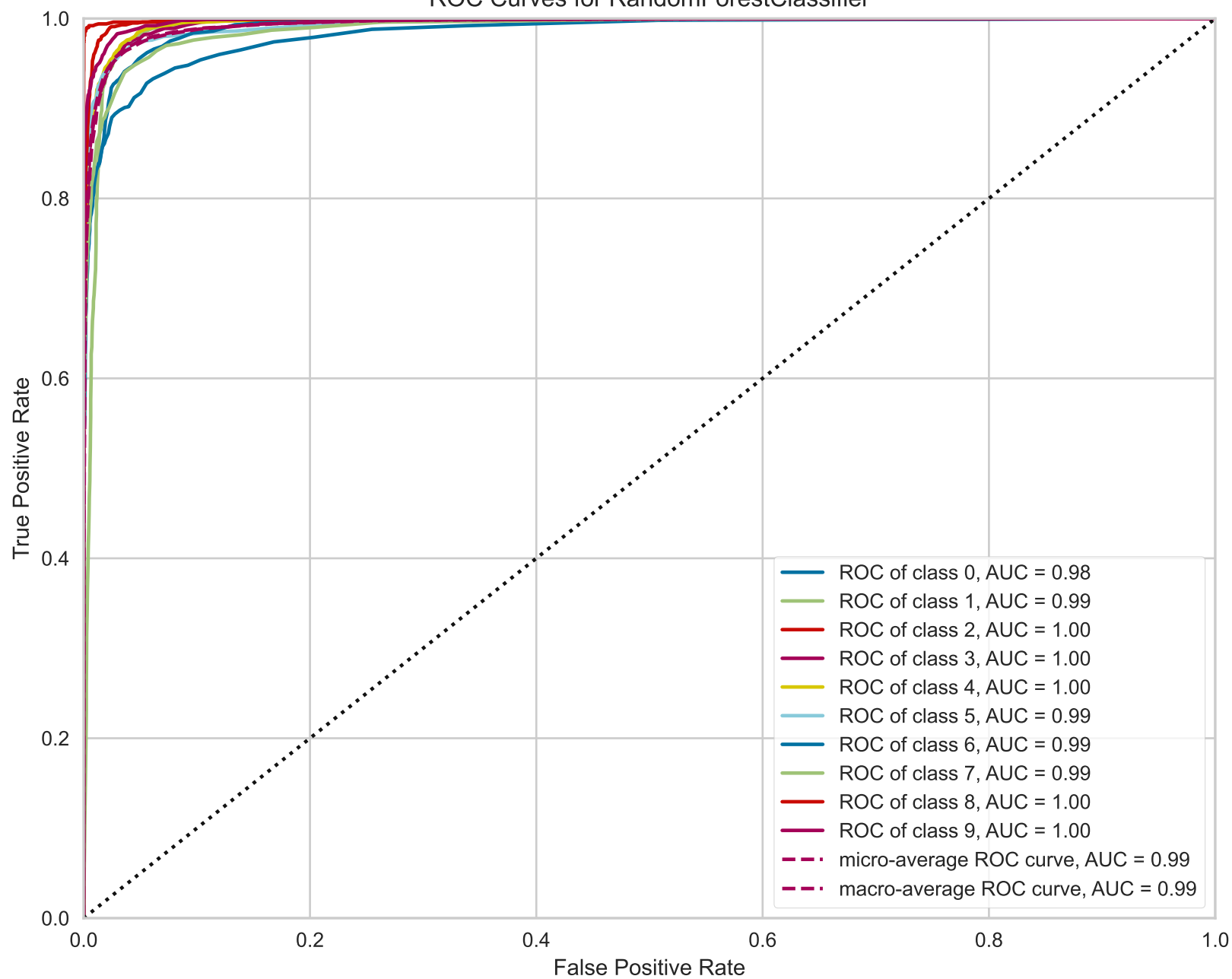
Model Metrics - Random Forest



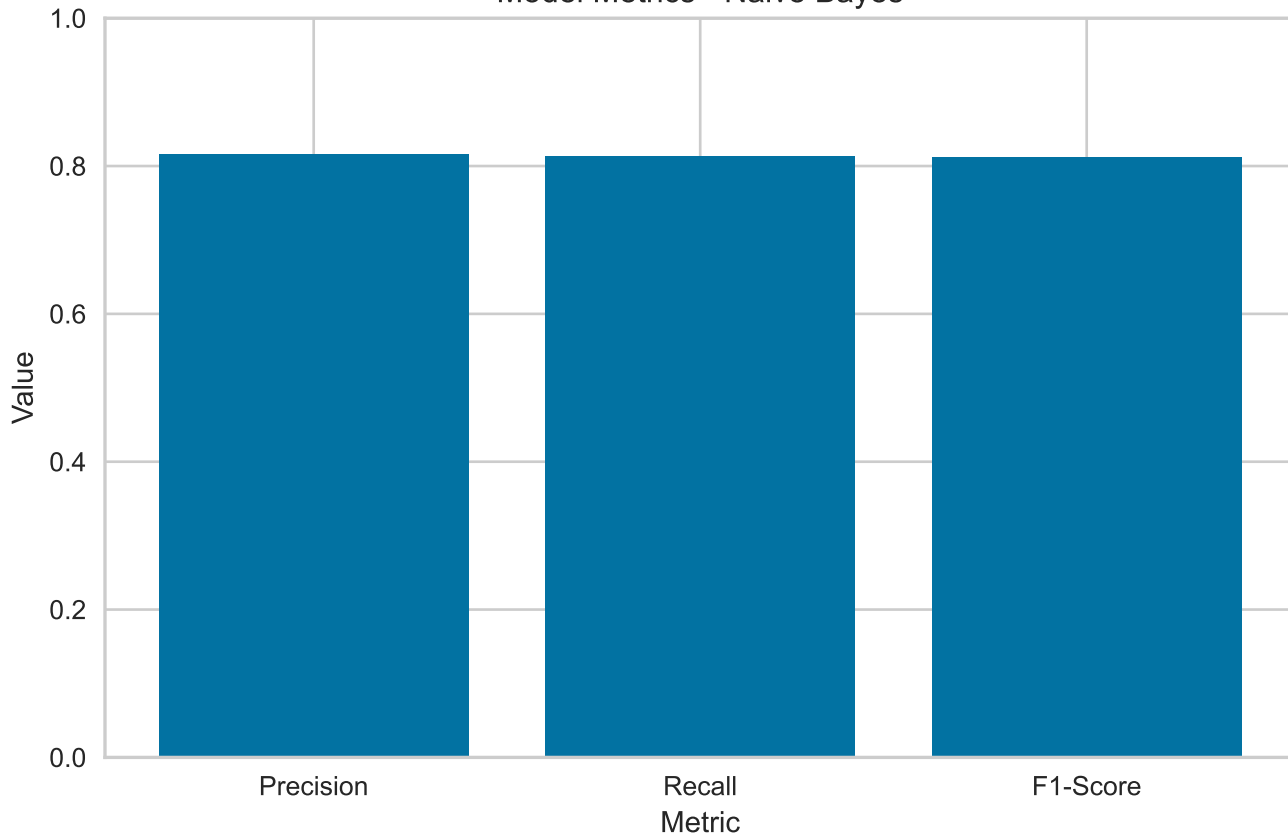
Random Forest - Confusion Matrix



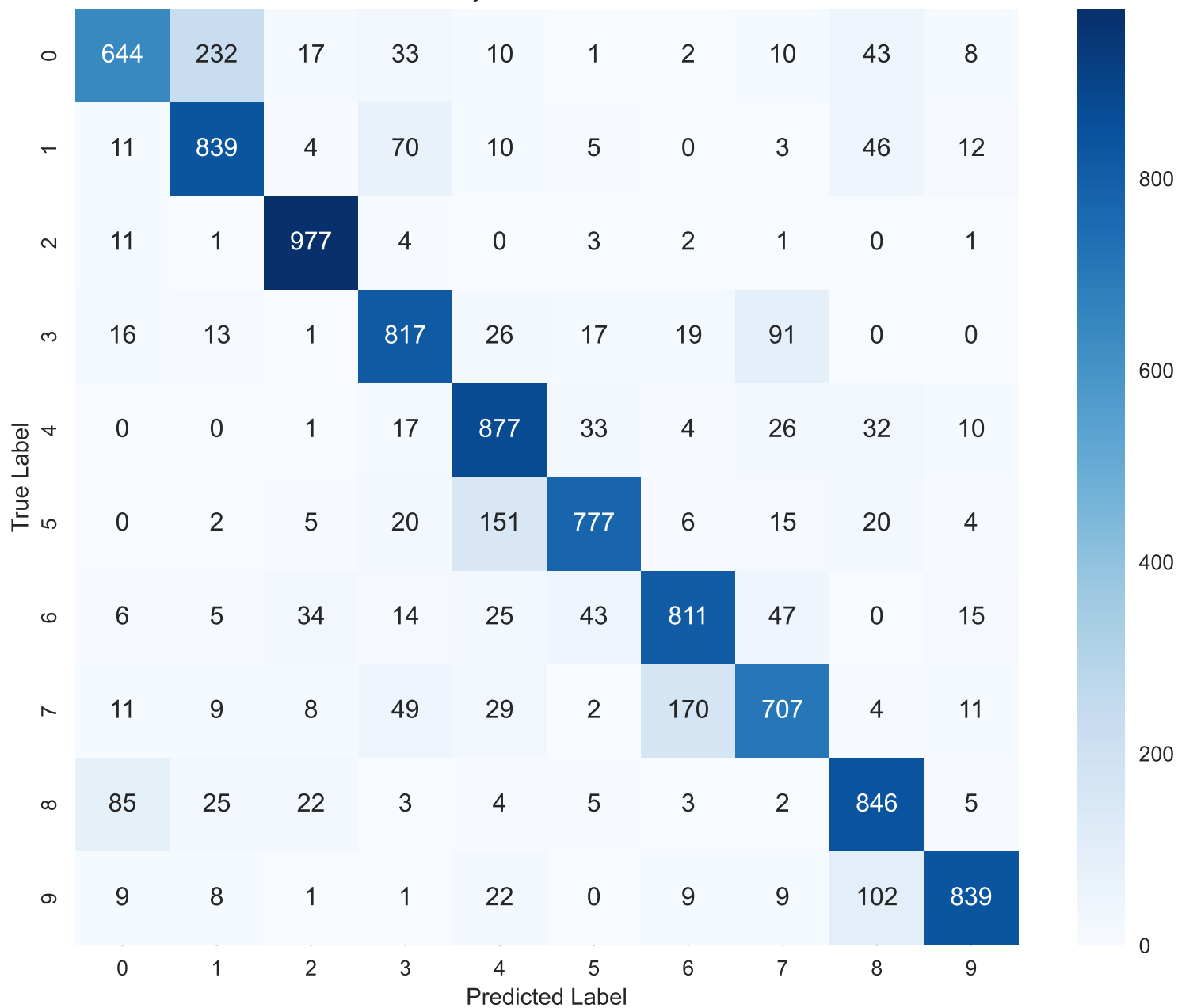
ROC Curves for RandomForestClassifier

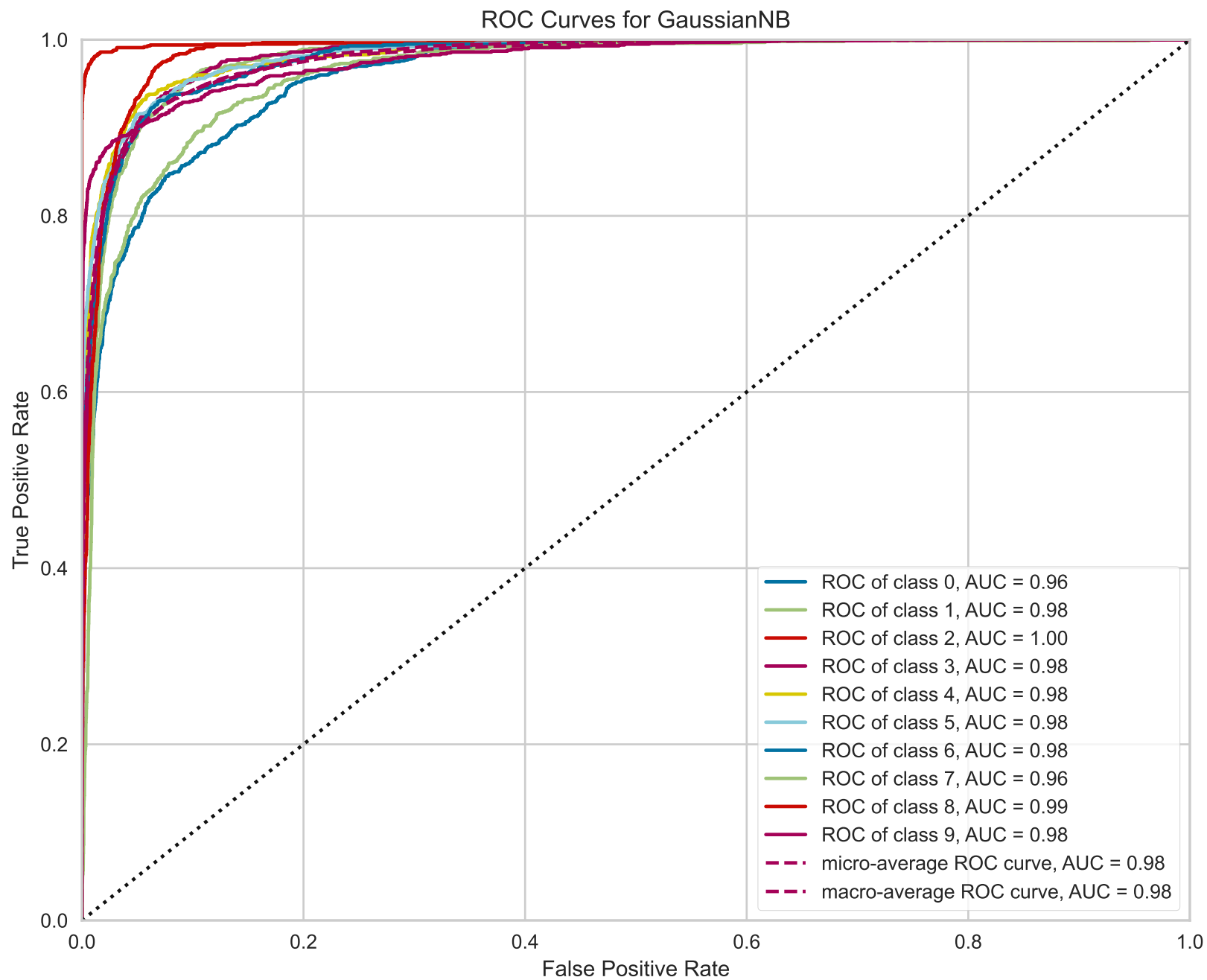


Model Metrics - Naive Bayes

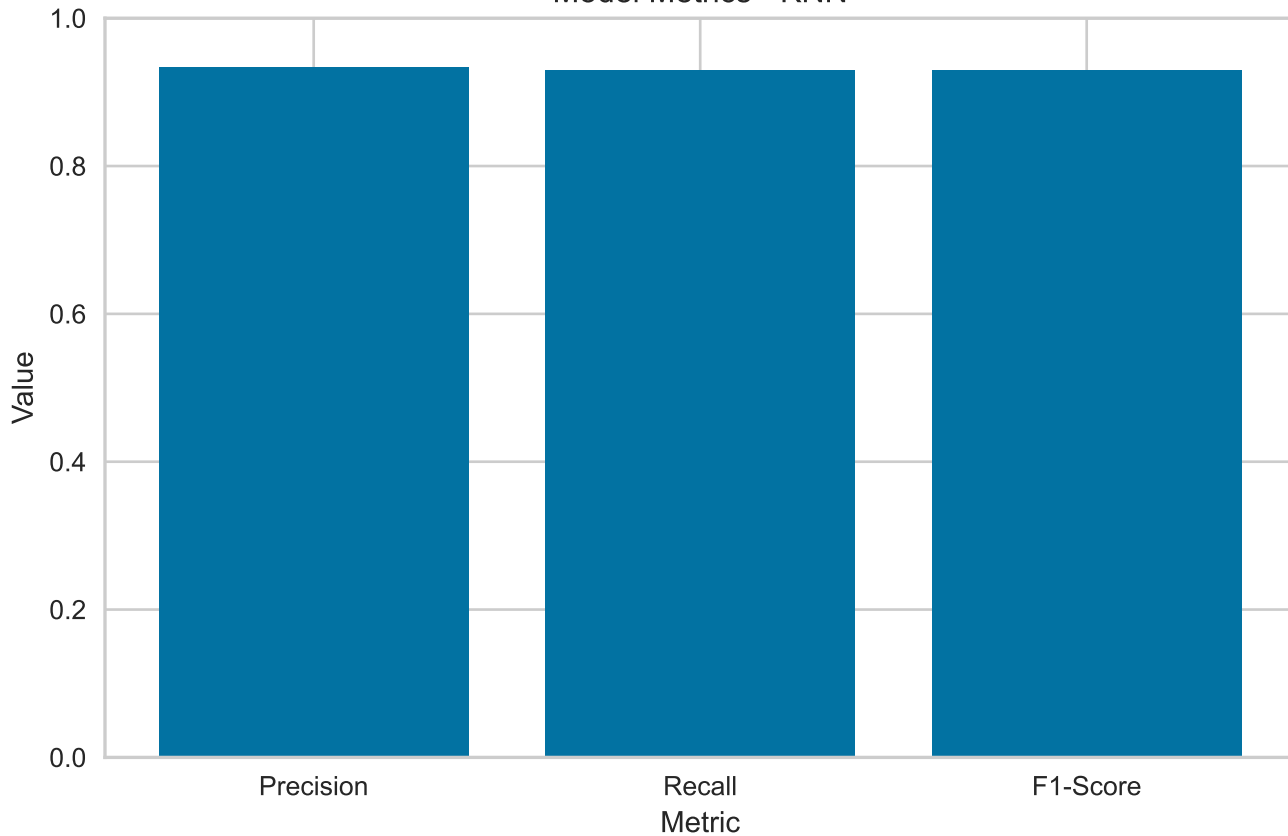


Naive Bayes - Confusion Matrix

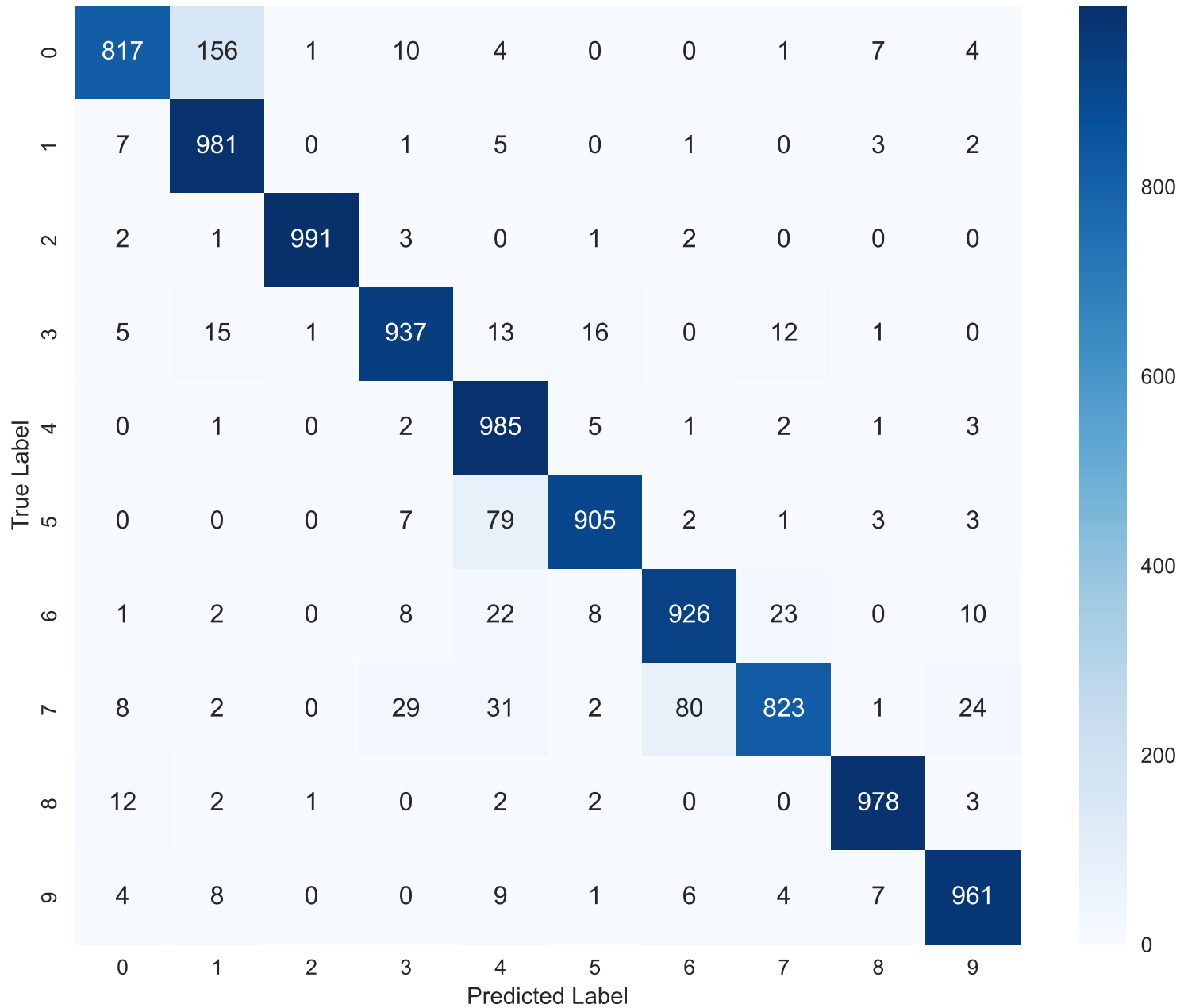




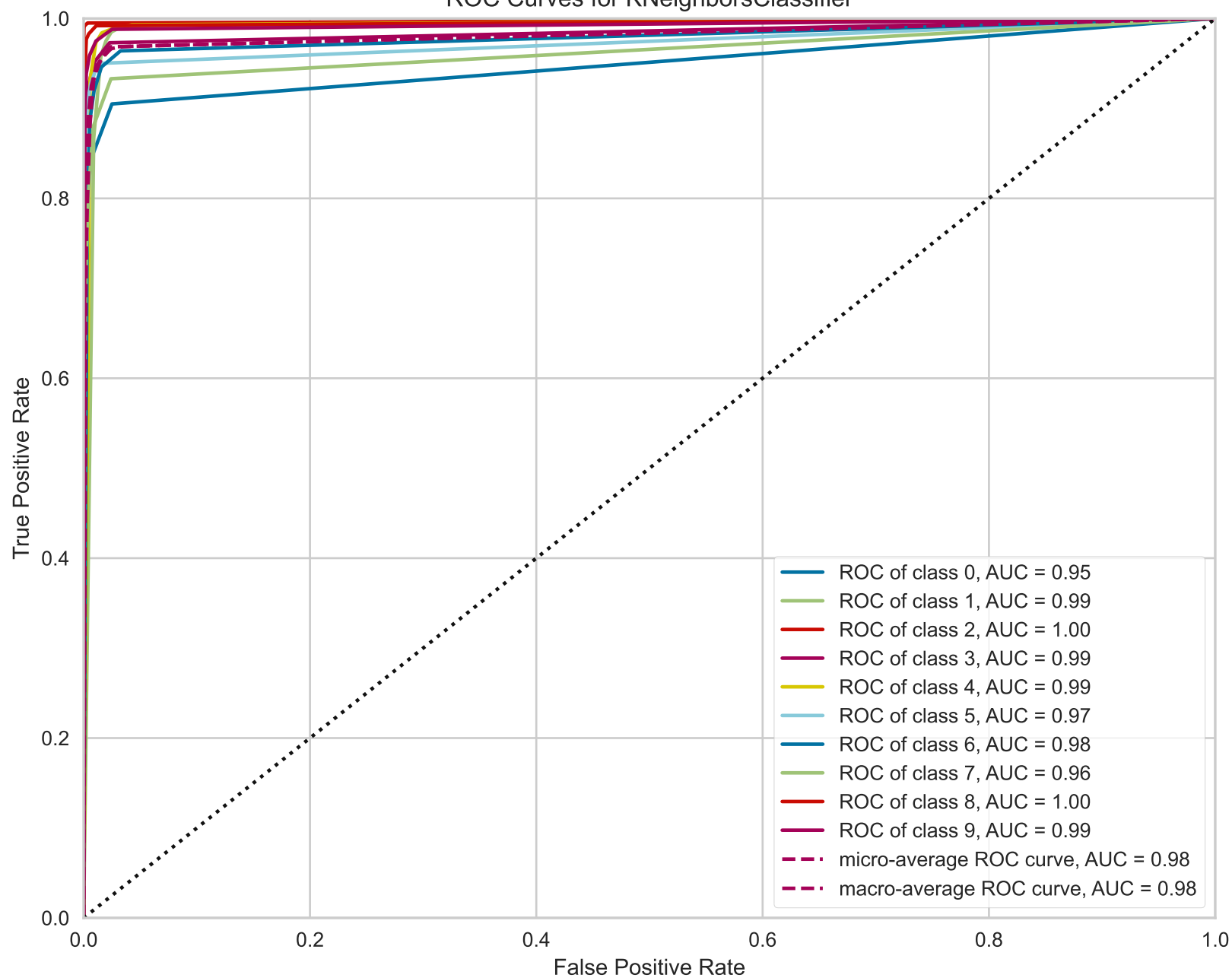
Model Metrics - KNN



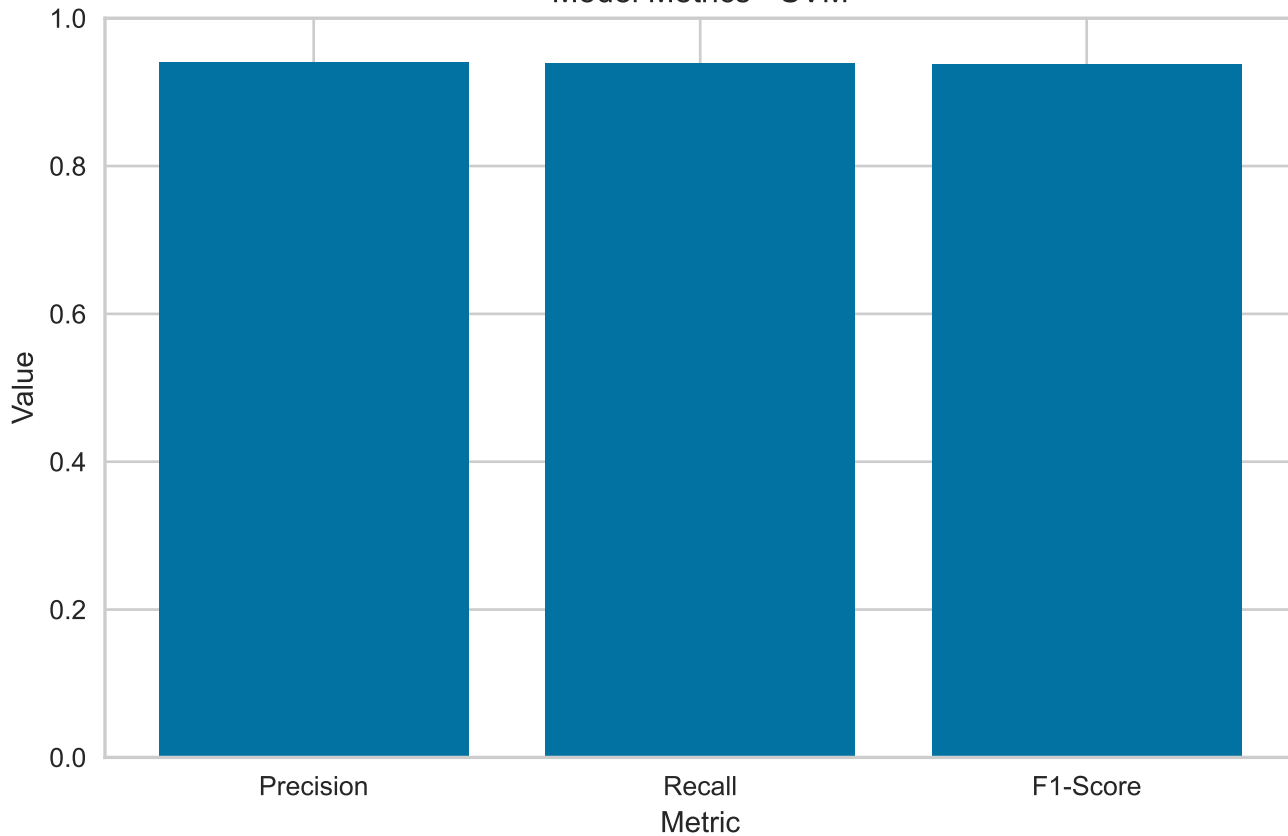
KNN - Confusion Matrix



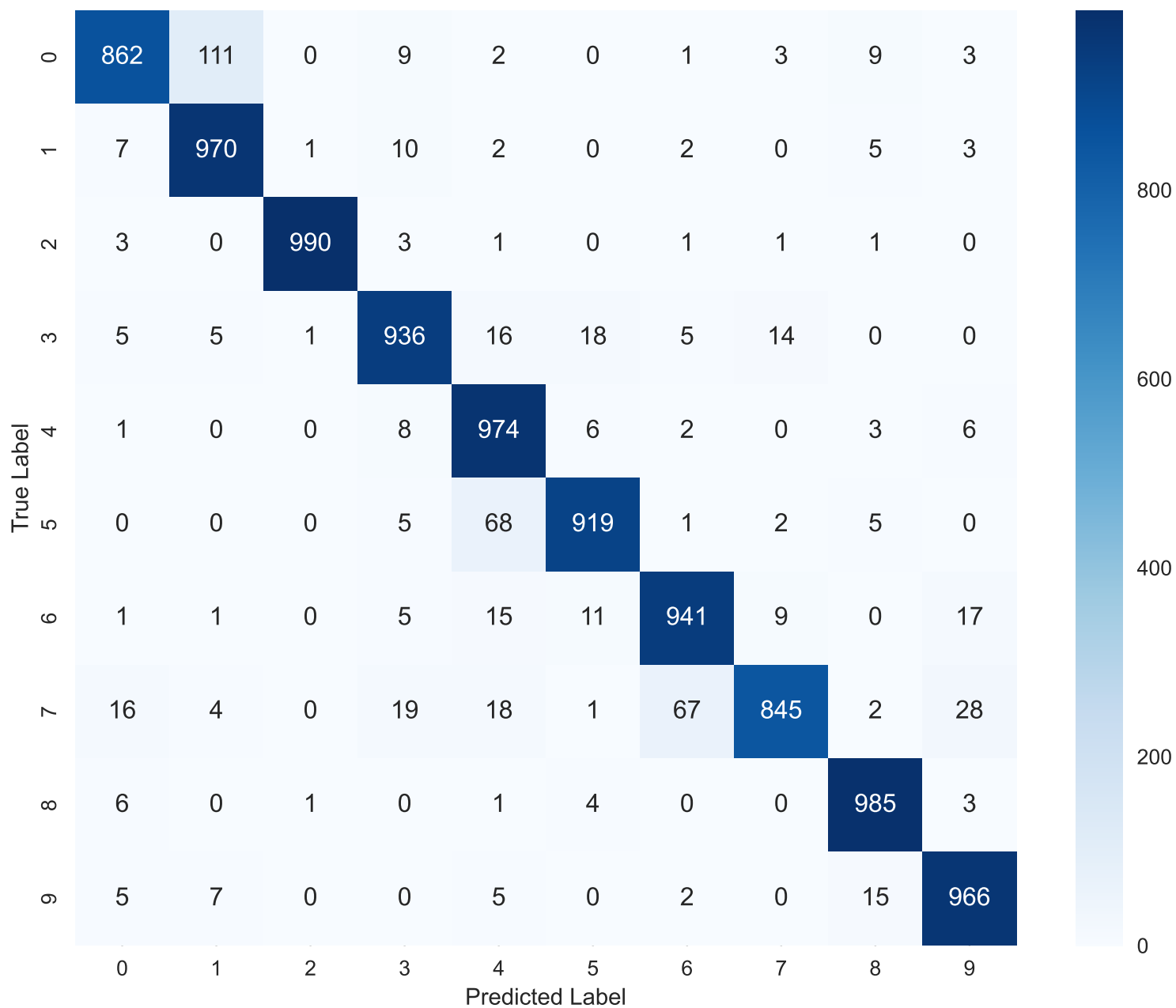
ROC Curves for KNeighborsClassifier



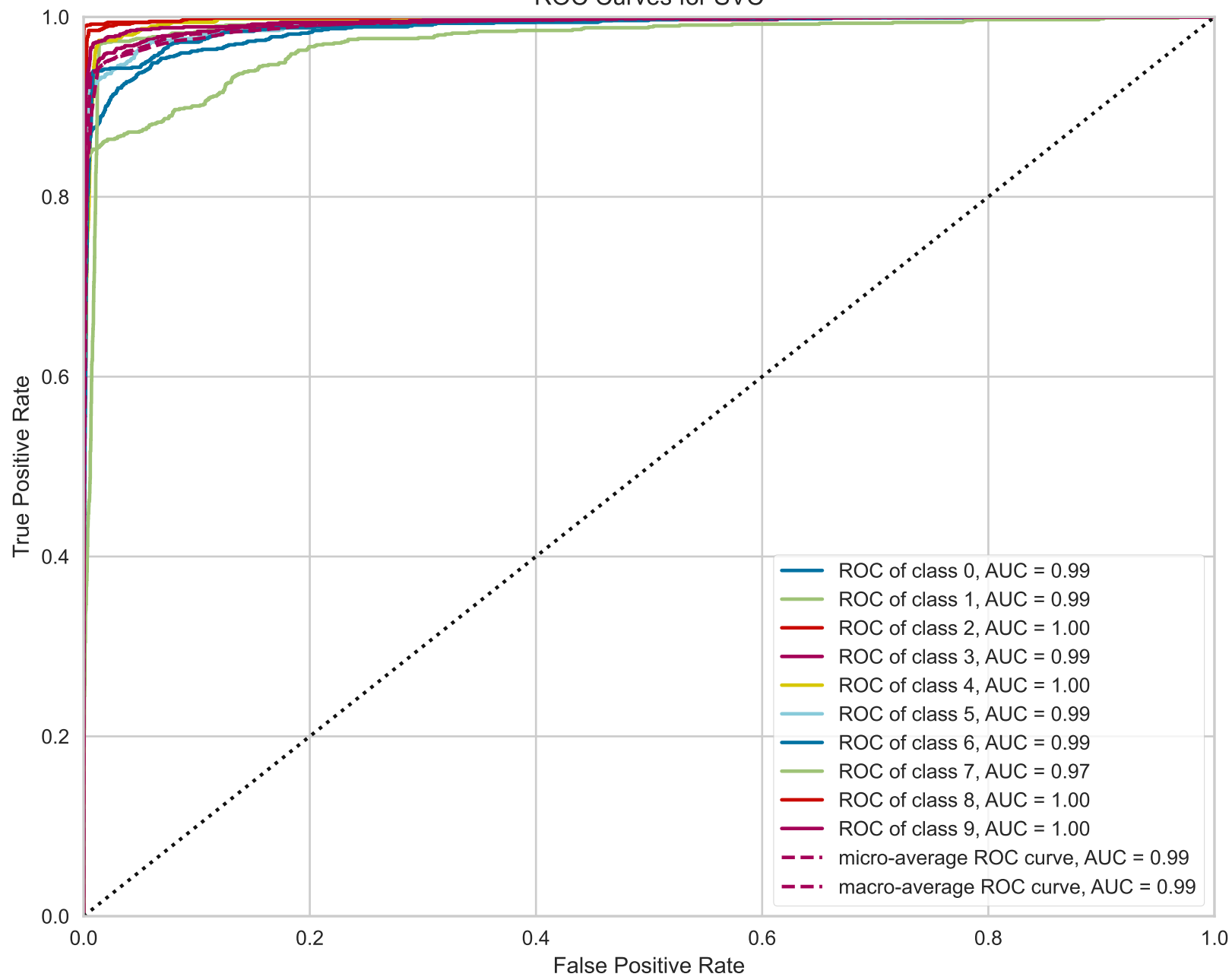
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 30 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8074335443427711	0.8078	0.806773130012807
Random Forest	0.9067508701567825	0.9039999999999999	0.9034070387208256
Naive Bayes	0.8164343421692013	0.8134	0.8122380147048691
KNN	0.9338906823829006	0.9304	0.9300599035679407
SVM	0.9404738030841935	0.9388	0.9385014105497413