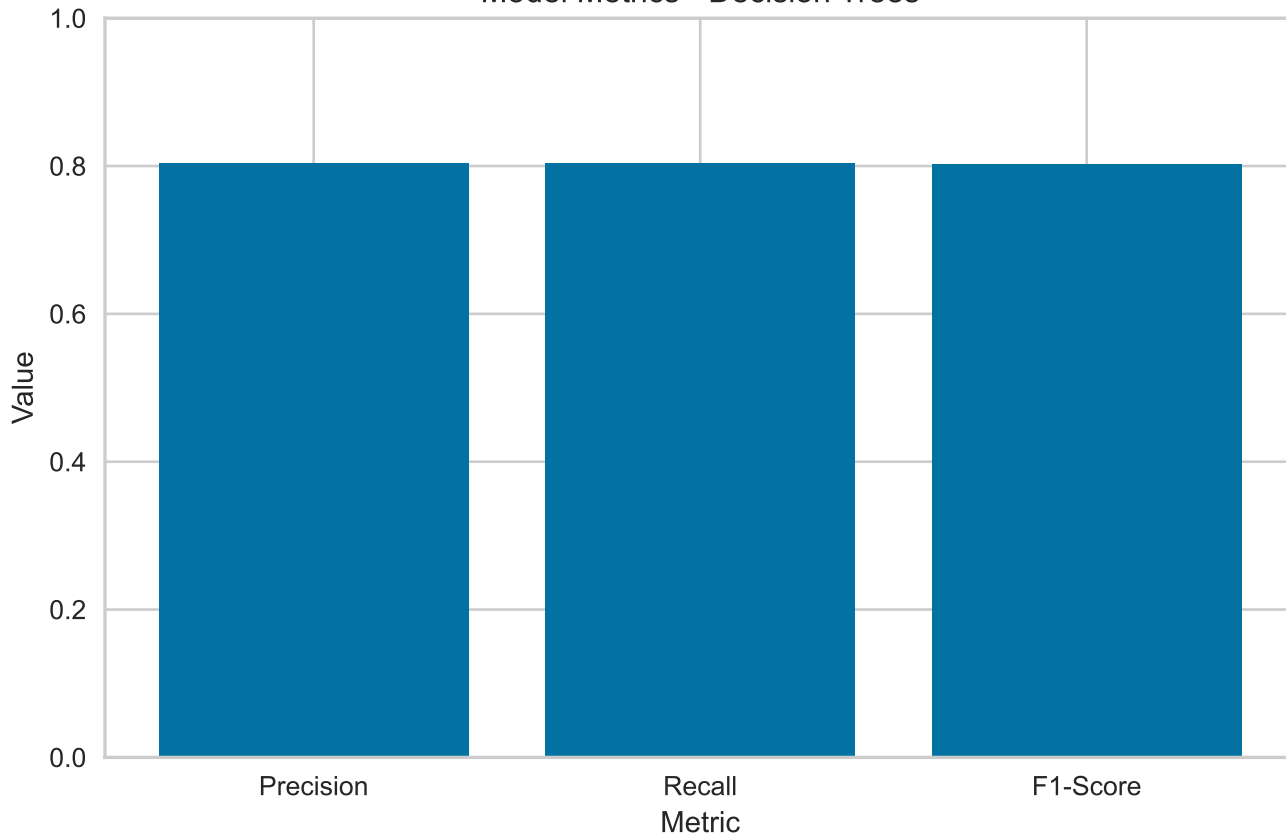
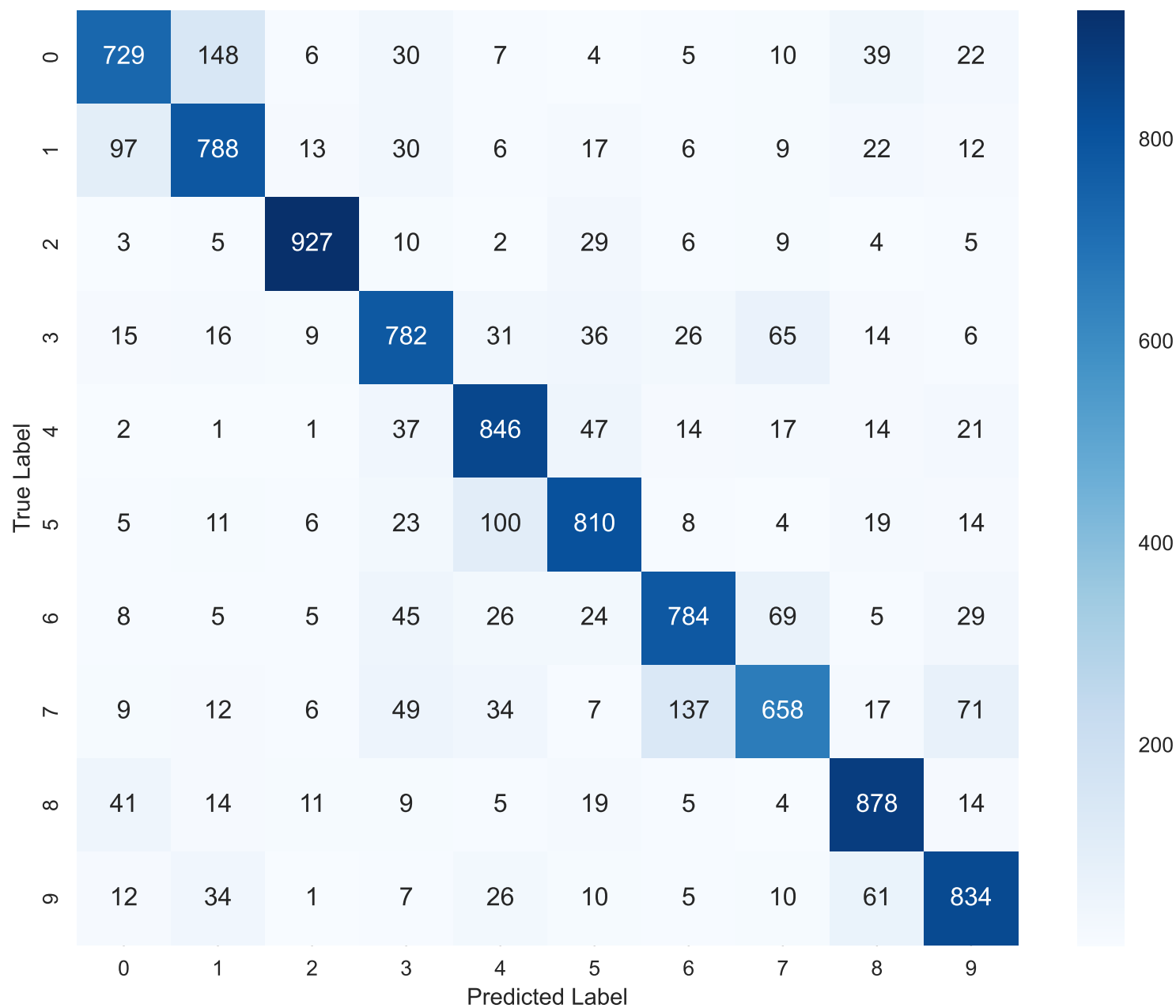


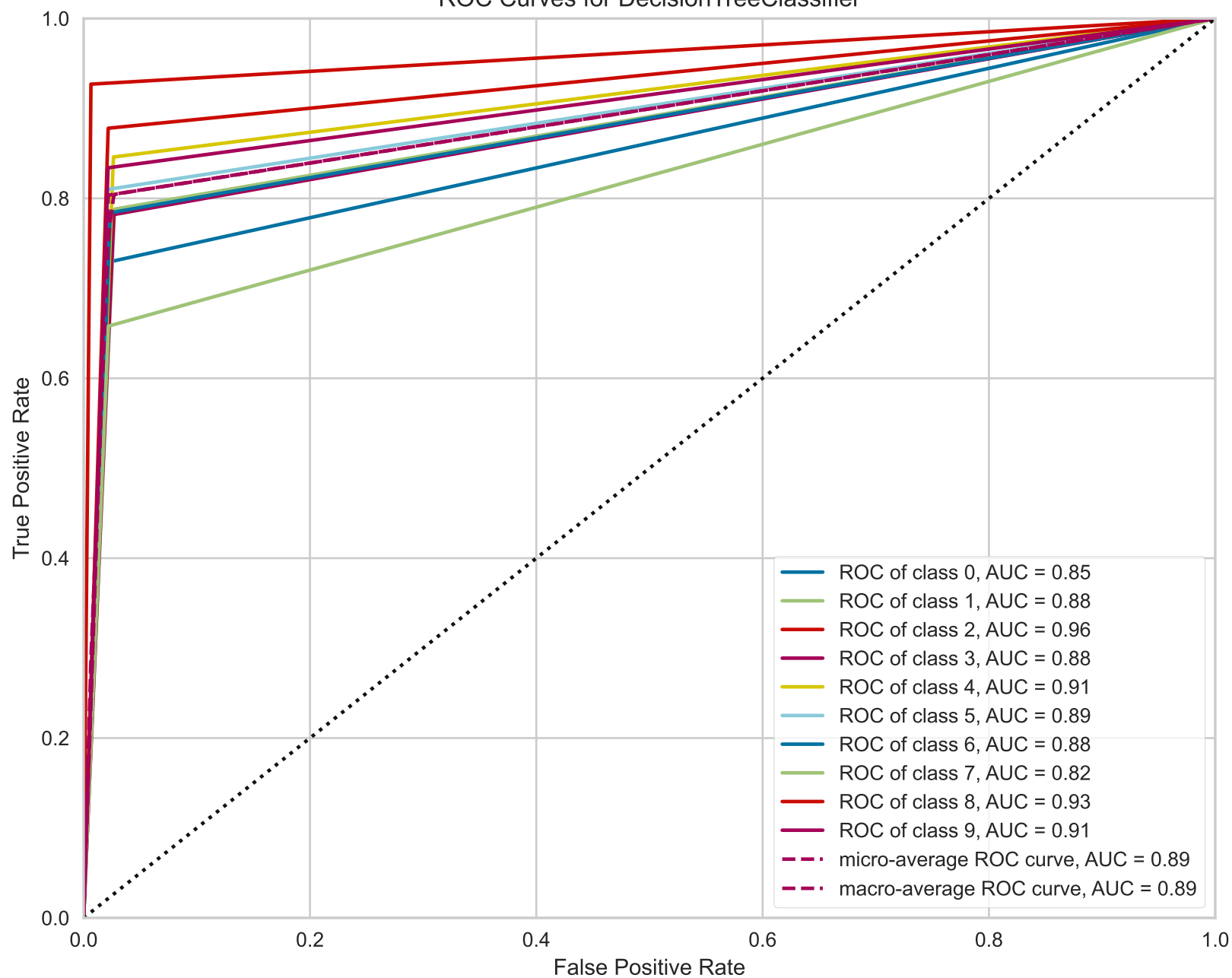
Model Metrics - Decision Trees



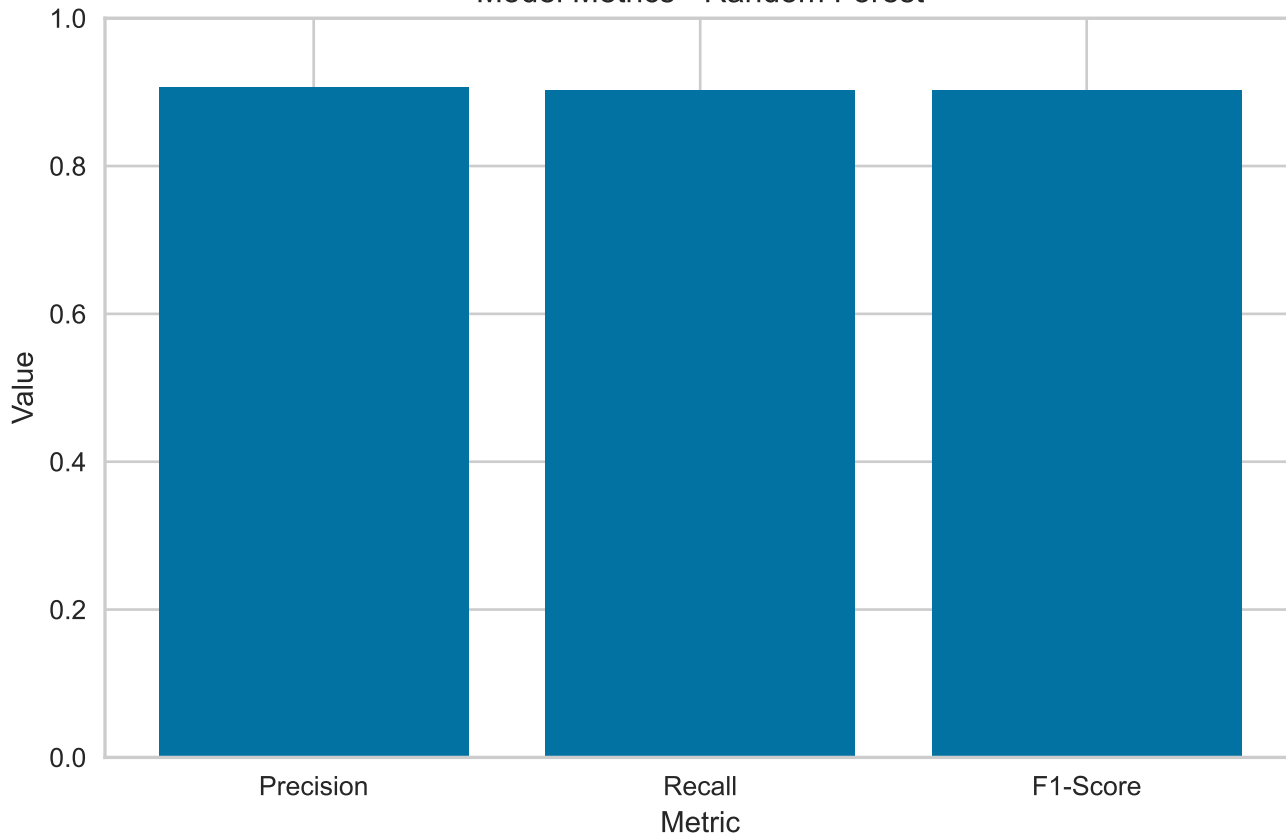
Decision Trees - Confusion Matrix



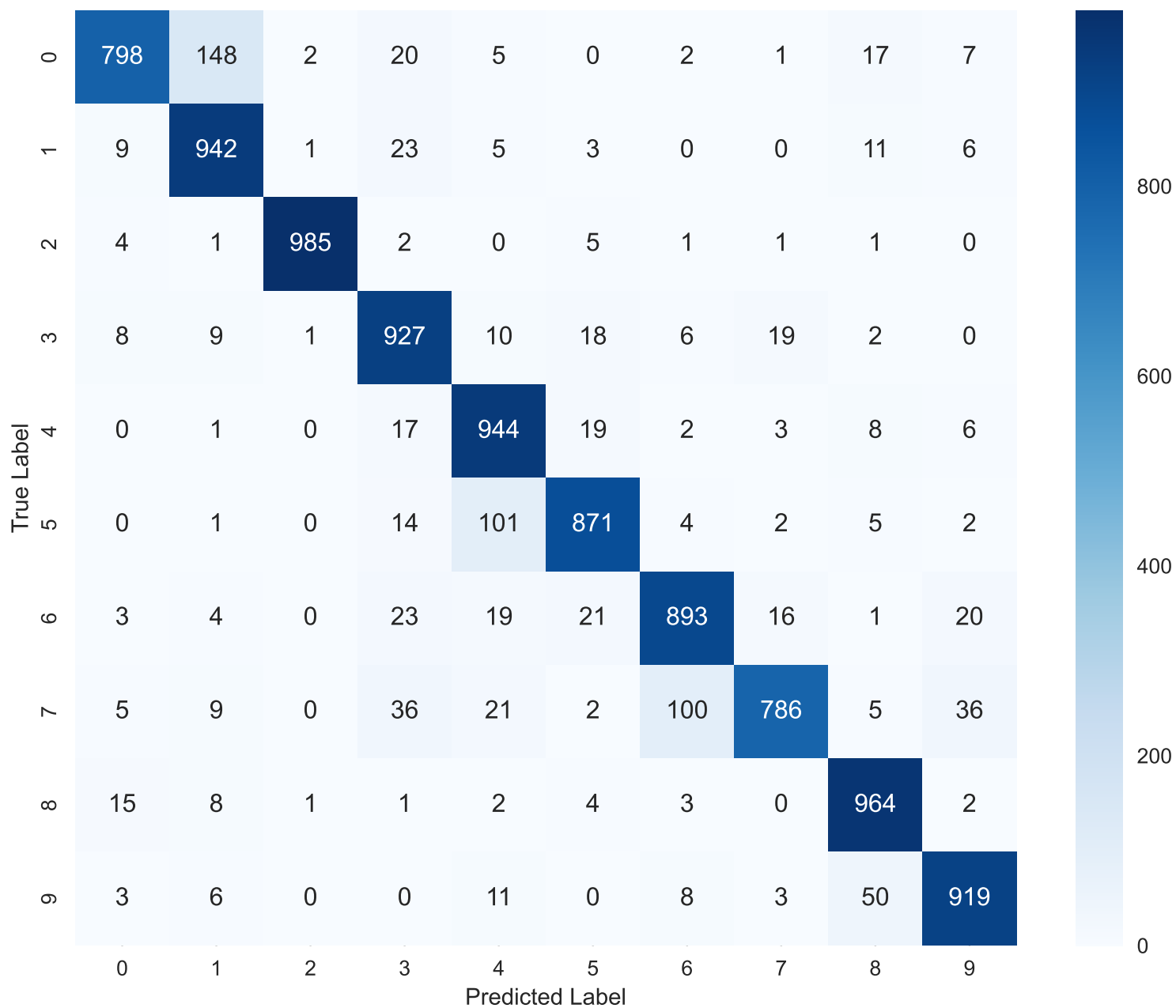
# ROC Curves for DecisionTreeClassifier



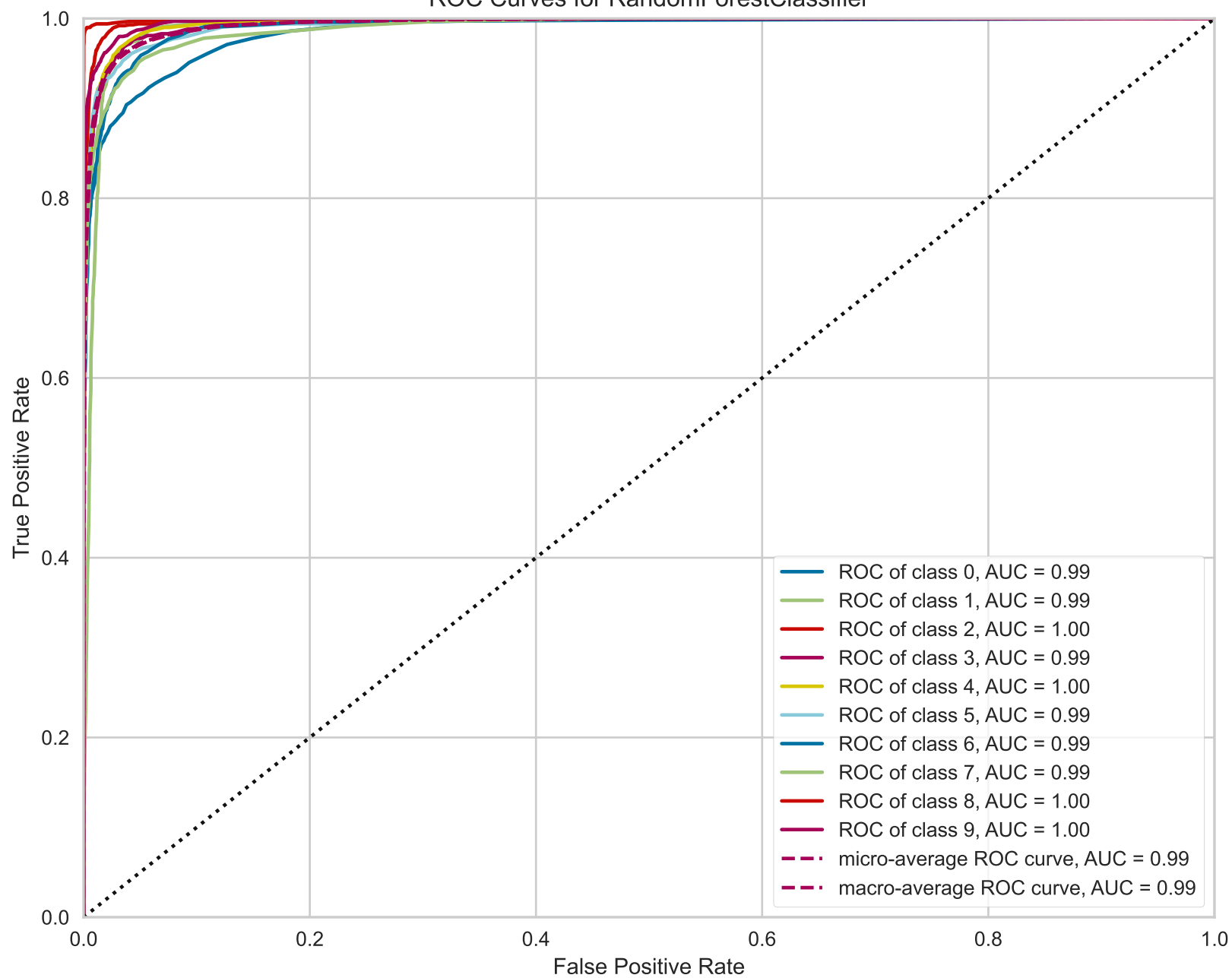
Model Metrics - Random Forest



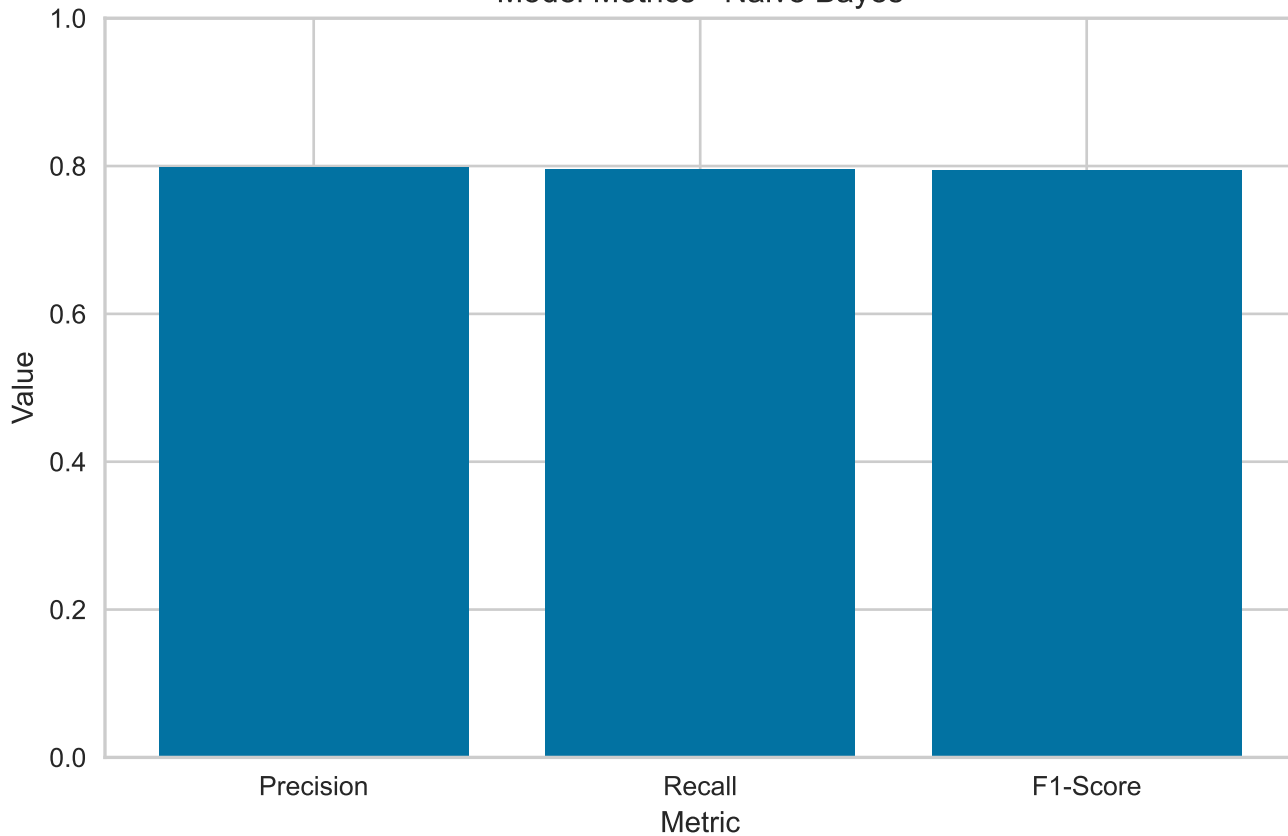
Random Forest - Confusion Matrix



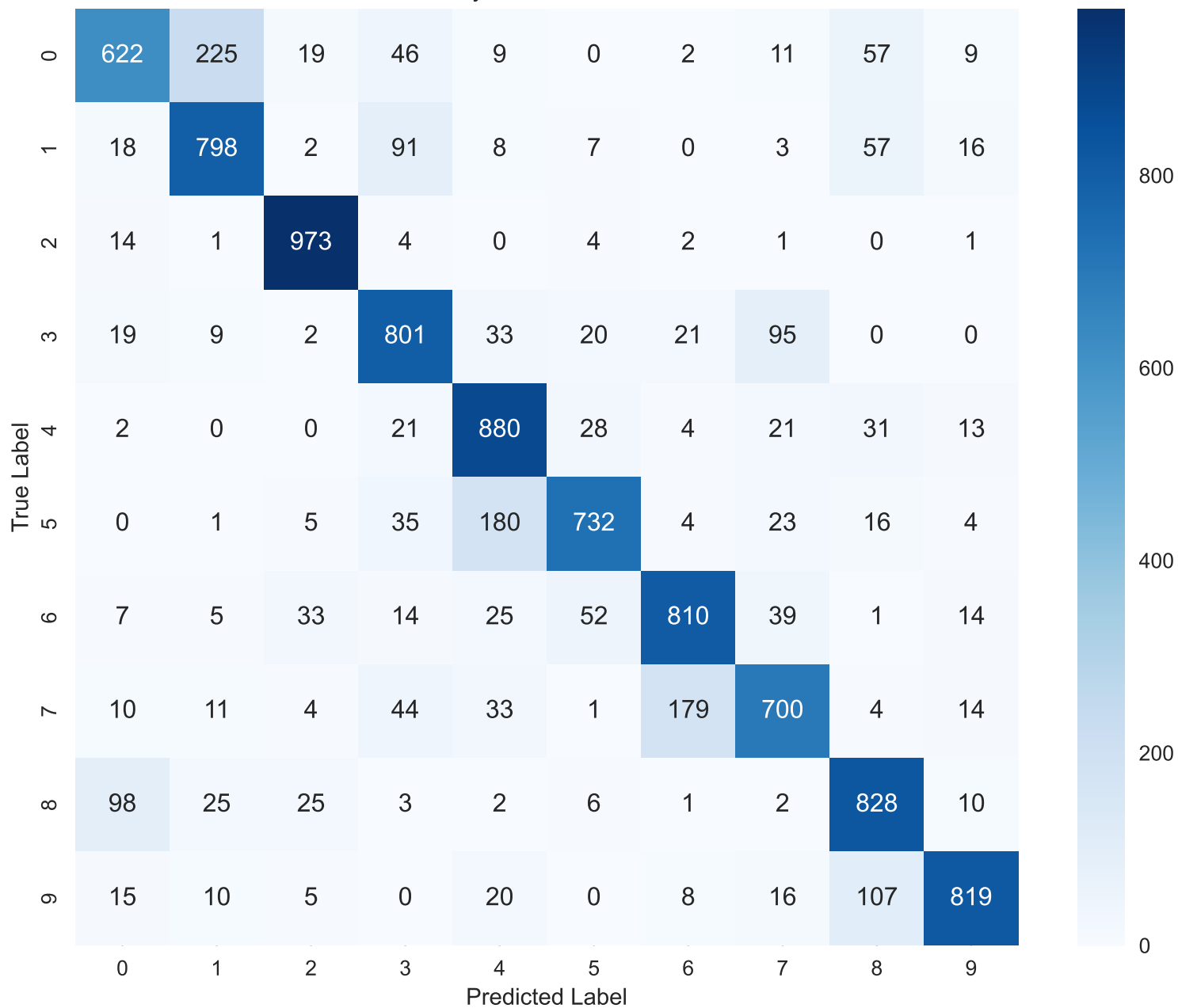
ROC Curves for RandomForestClassifier



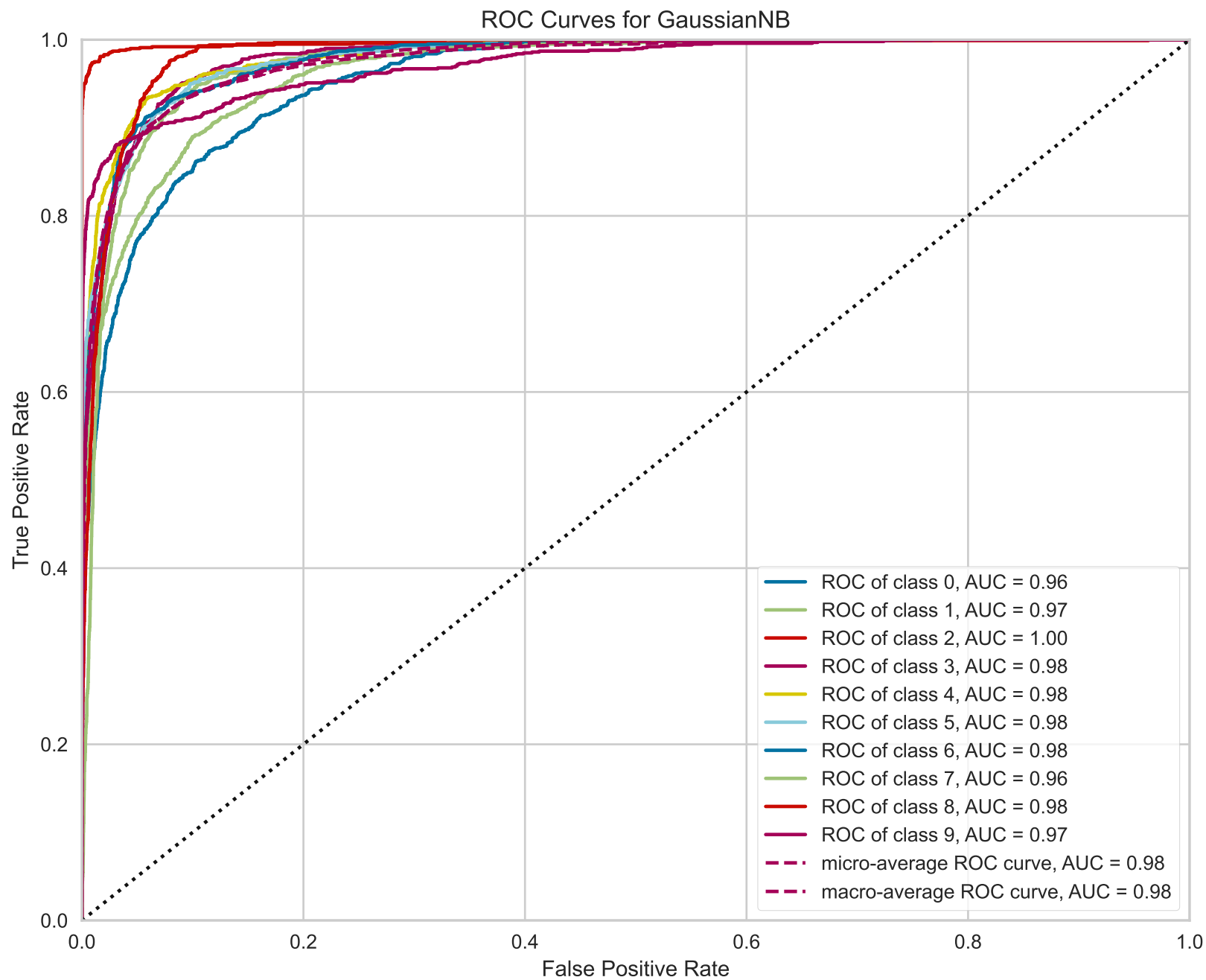
Model Metrics - Naive Bayes



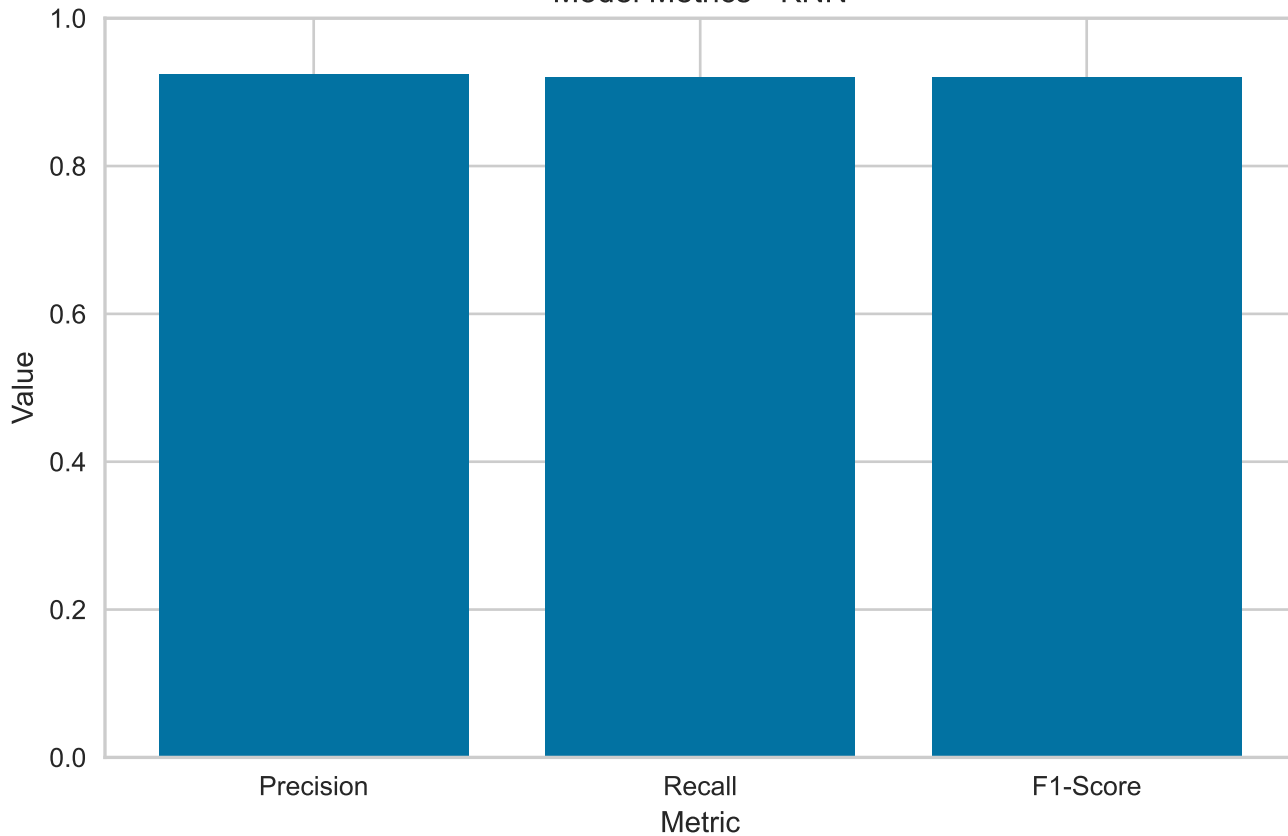
Naive Bayes - Confusion Matrix



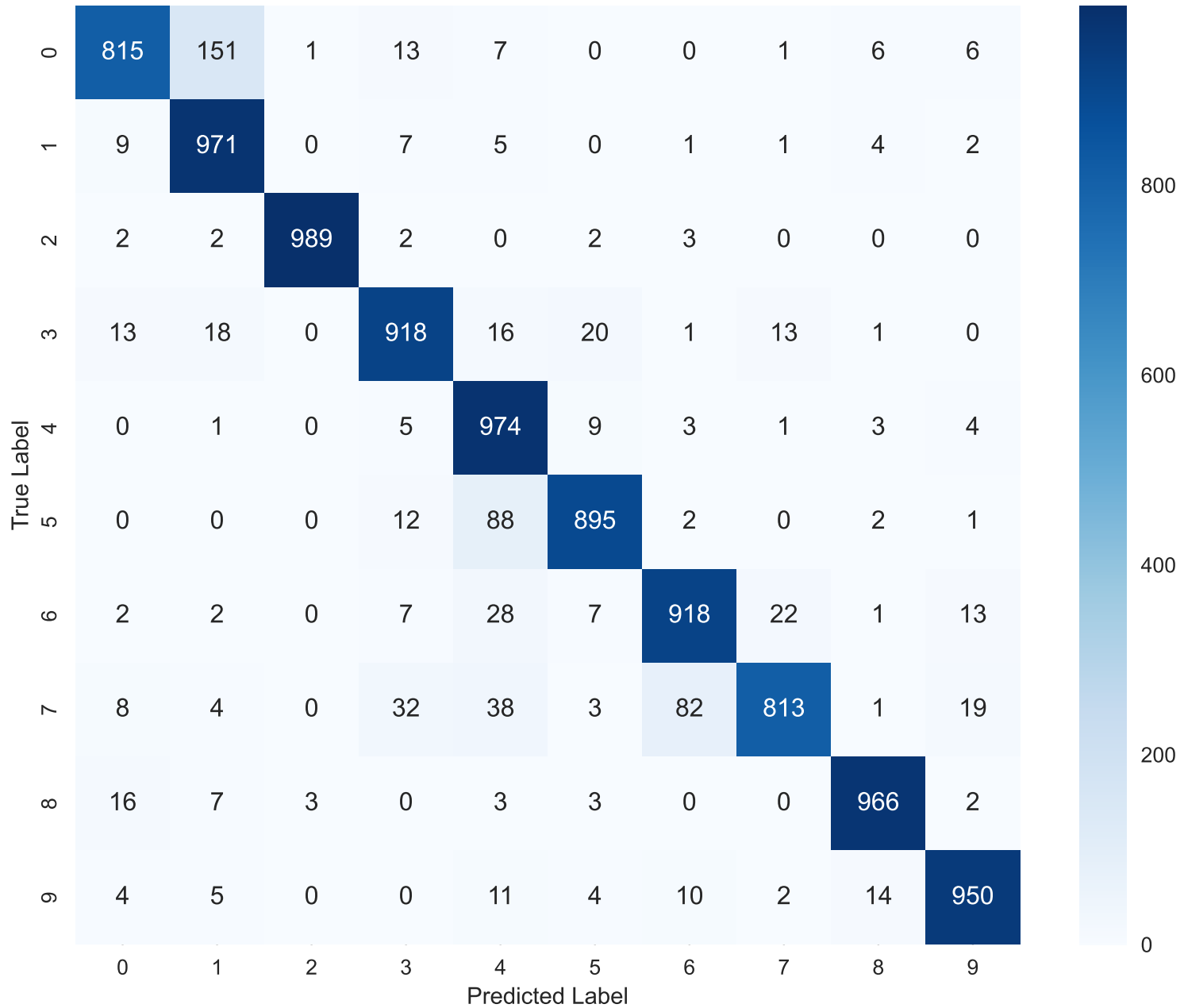




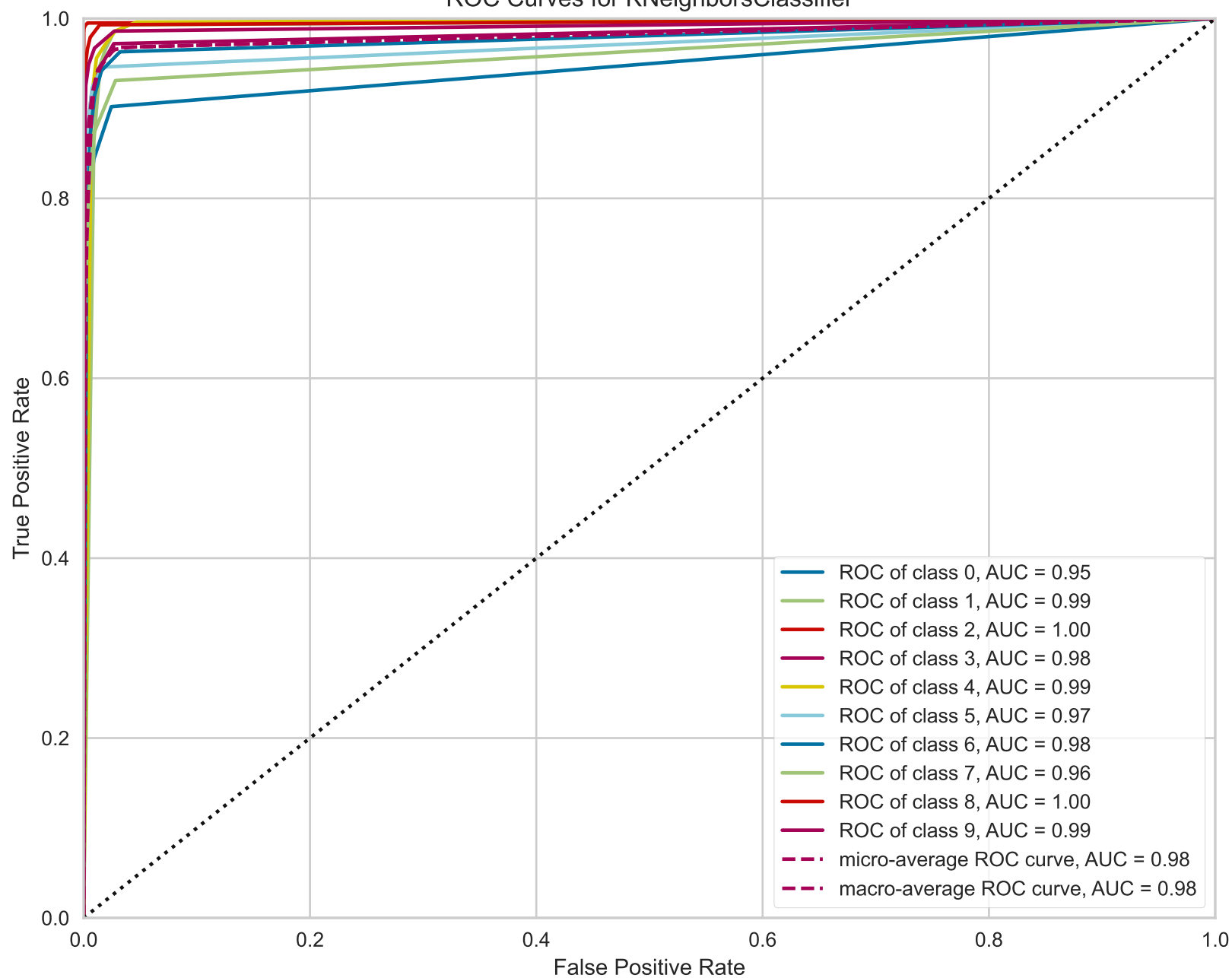
Model Metrics - KNN



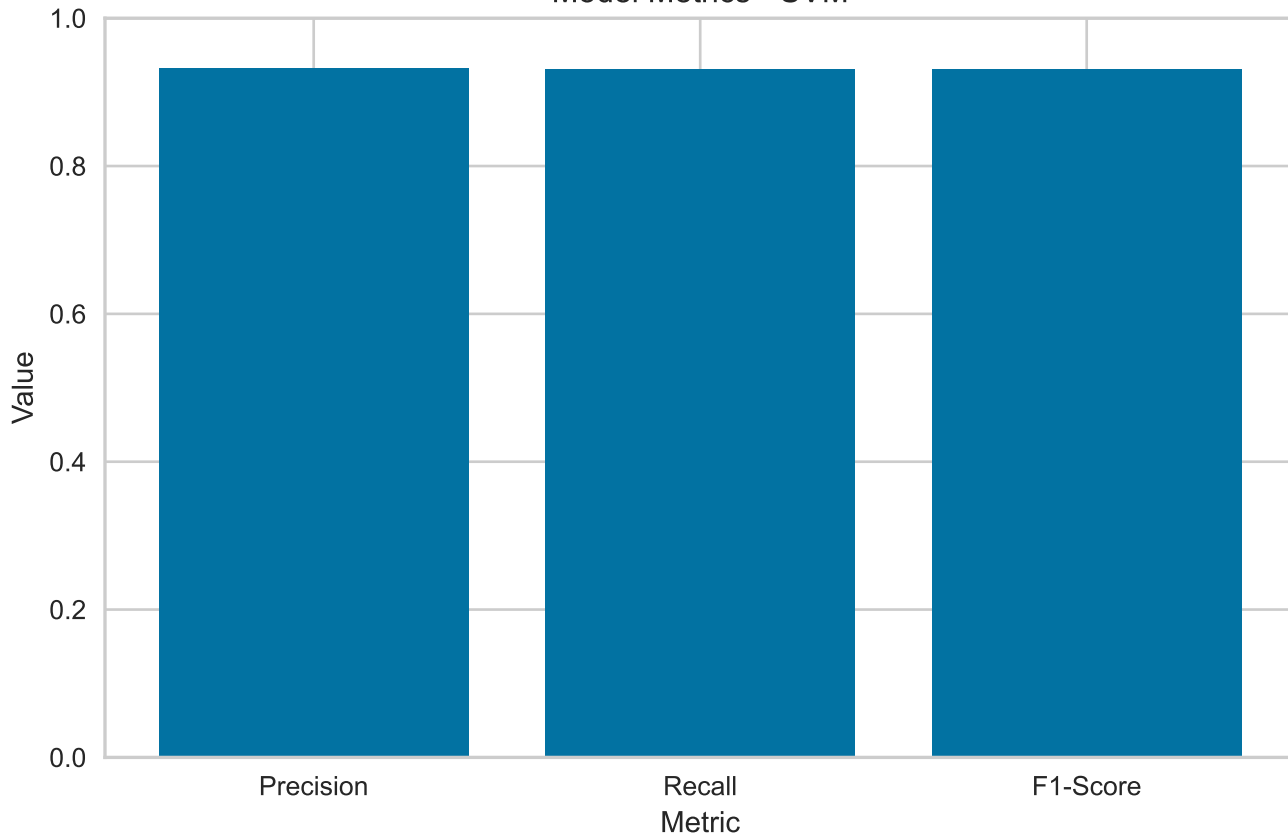
KNN - Confusion Matrix



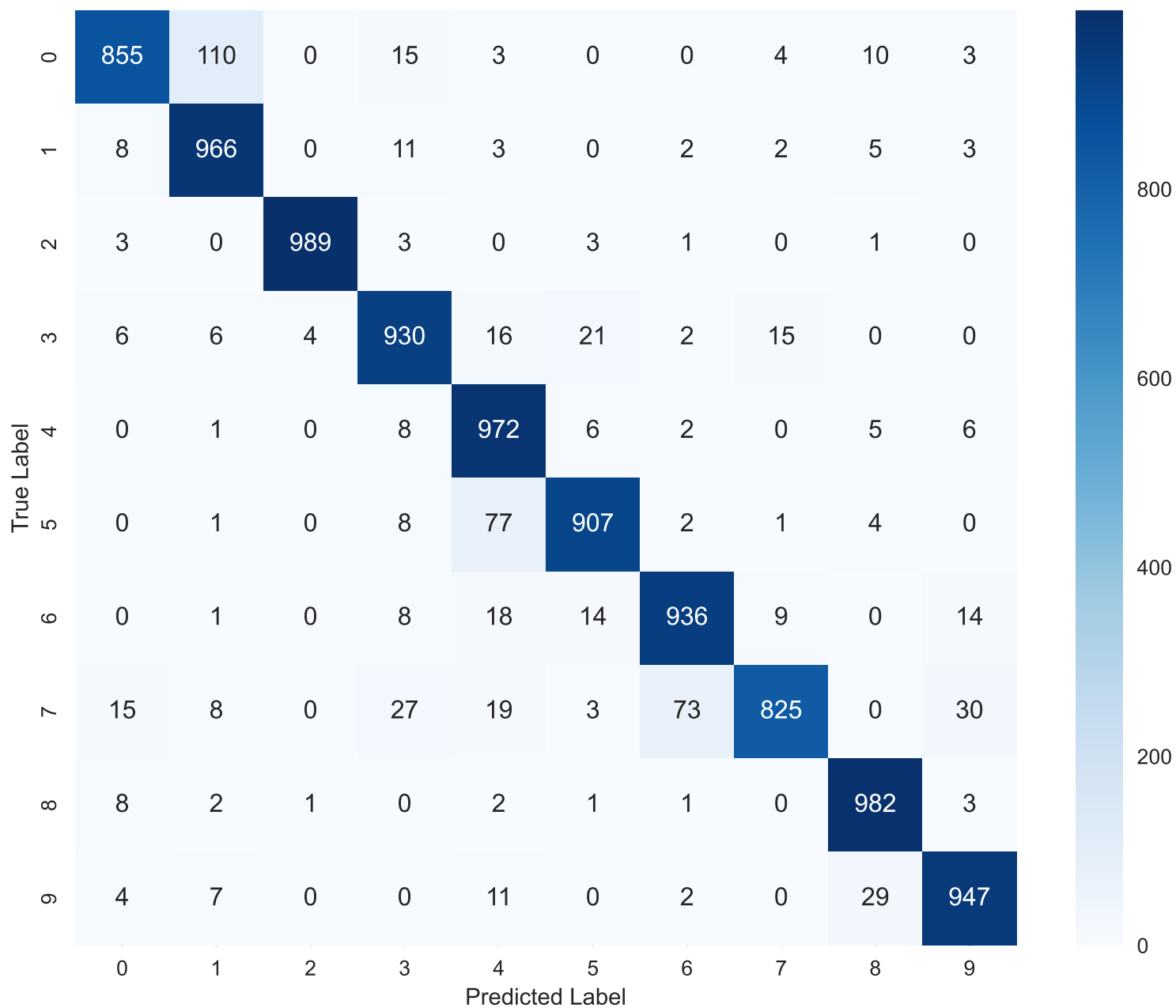
ROC Curves for KNeighborsClassifier



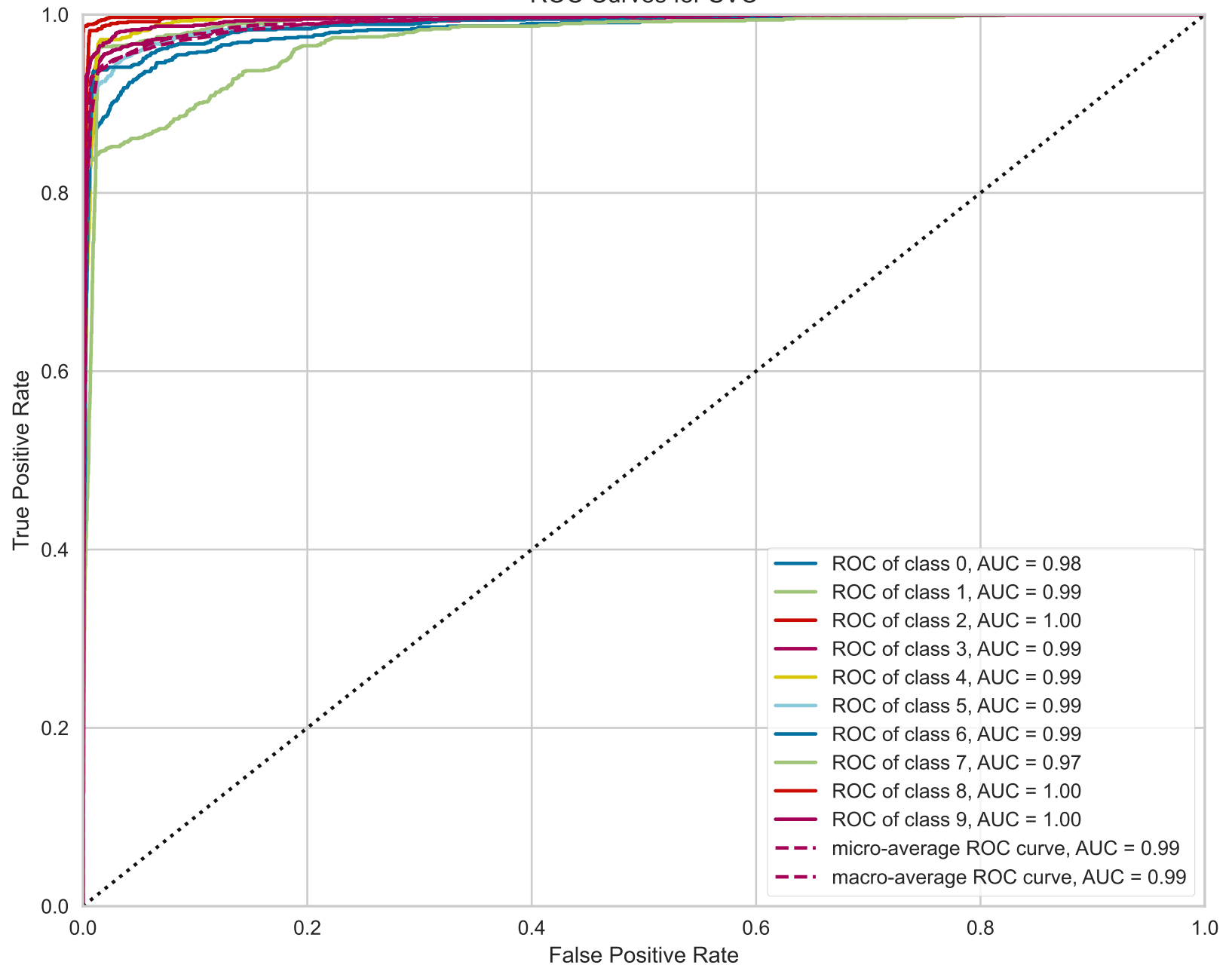
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



## Model Comparison - PCA 20 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8034933541106086	0.8036	0.8026952875785499
Random Forest	0.9062822424378492	0.9029	0.9023734860022741
Naive Bayes	0.7992324564308231	0.7963	0.7949260744871852
KNN	0.9247344517902896	0.9208999999999998	0.9206848090229132
SVM	0.9329989500403867	0.9309	0.9305460456705269