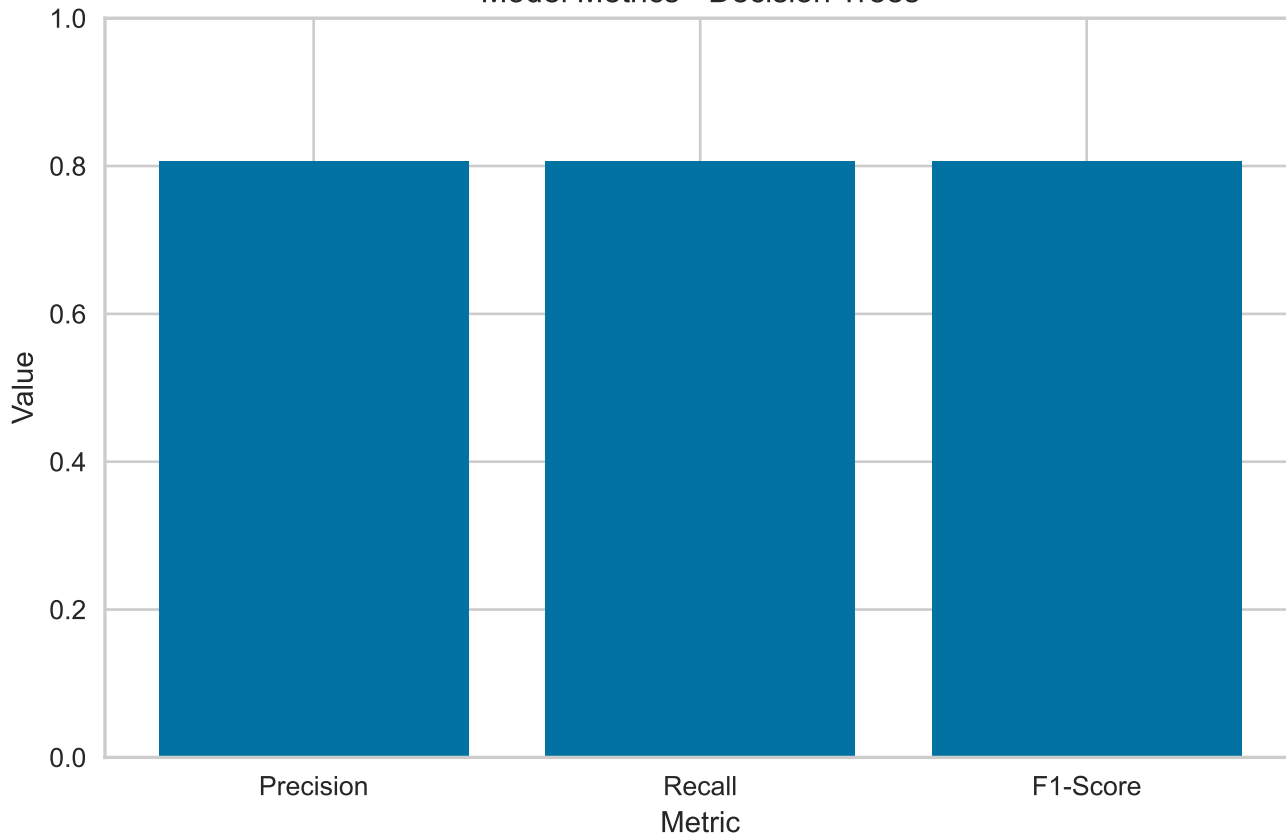
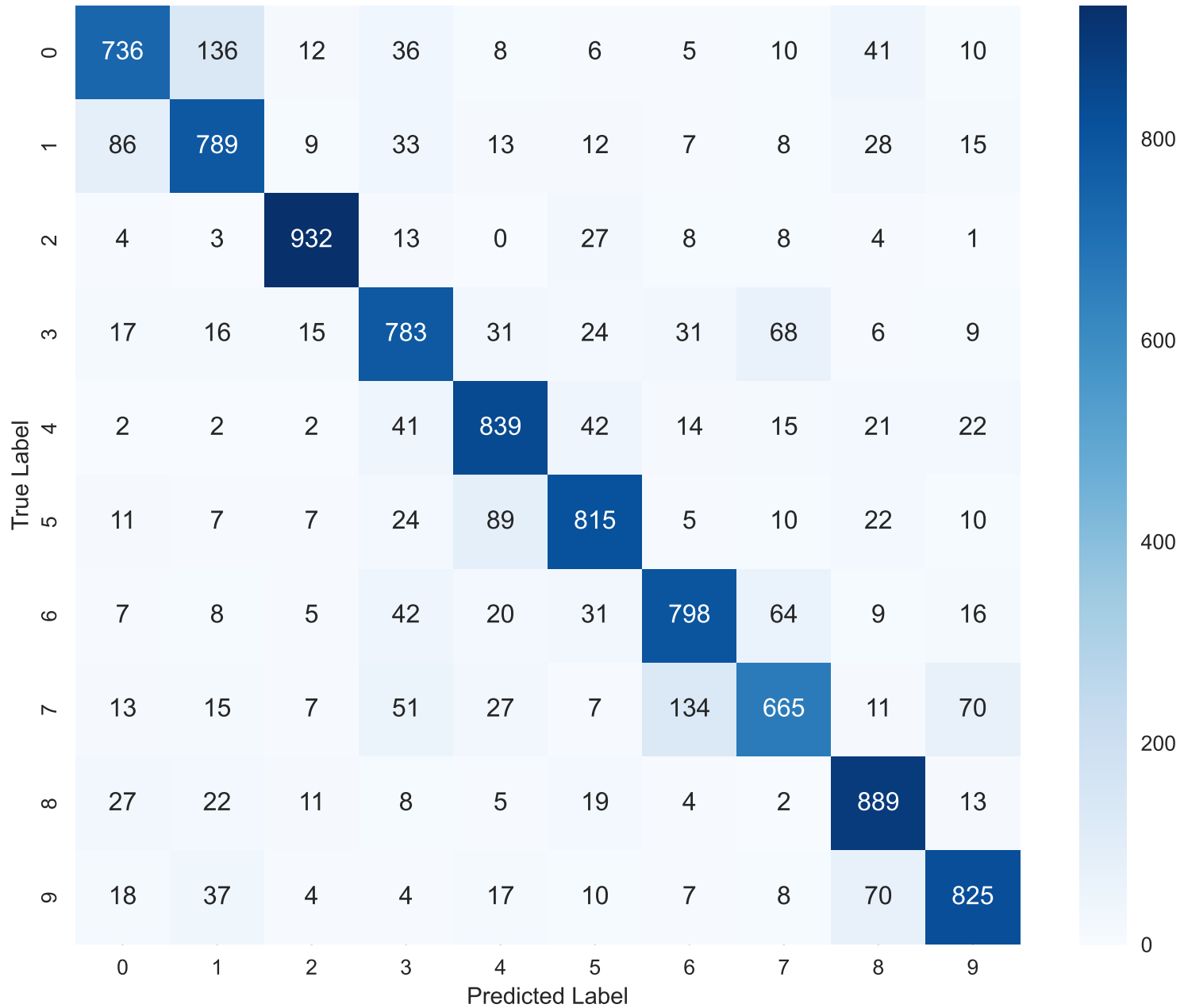


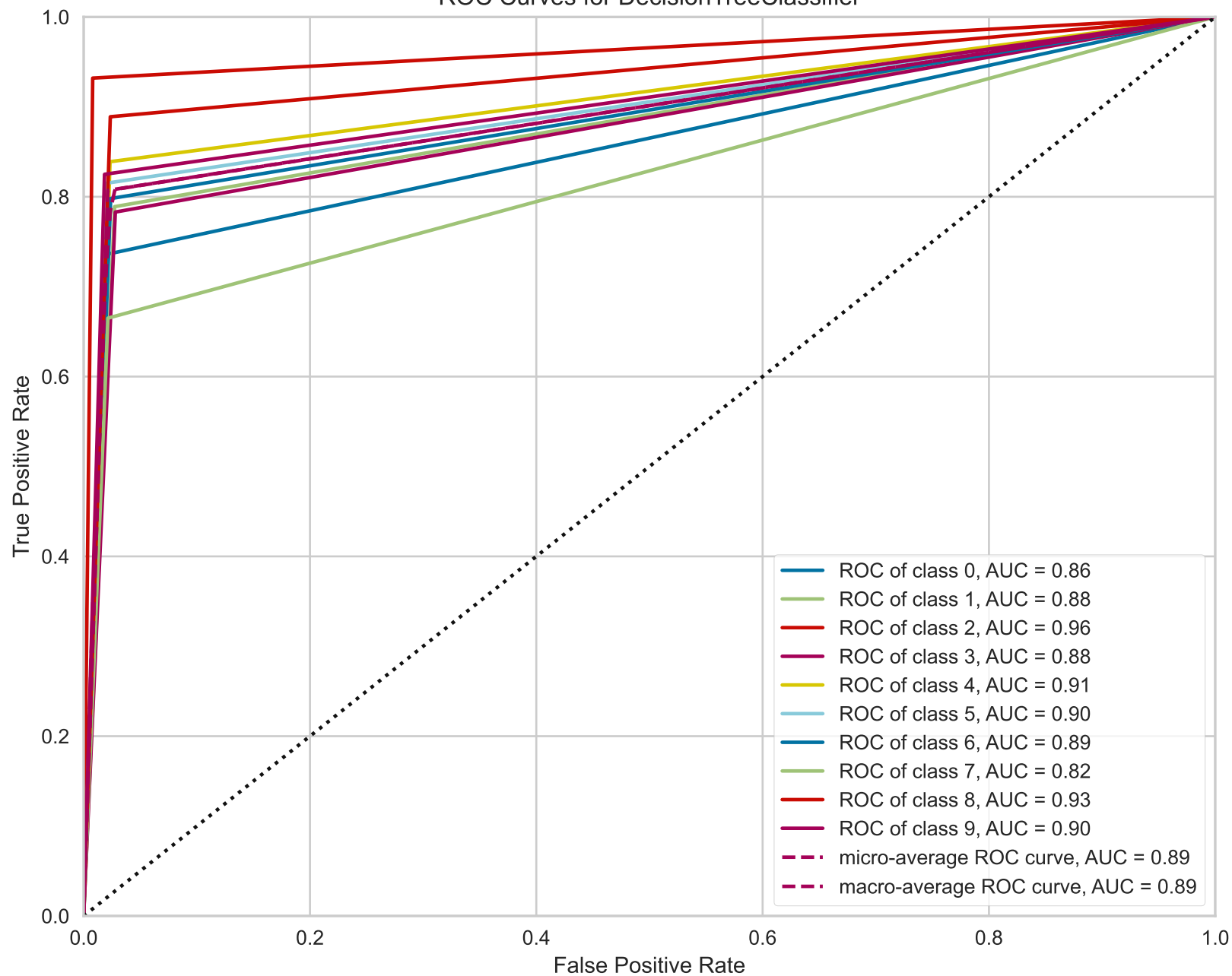
Model Metrics - Decision Trees



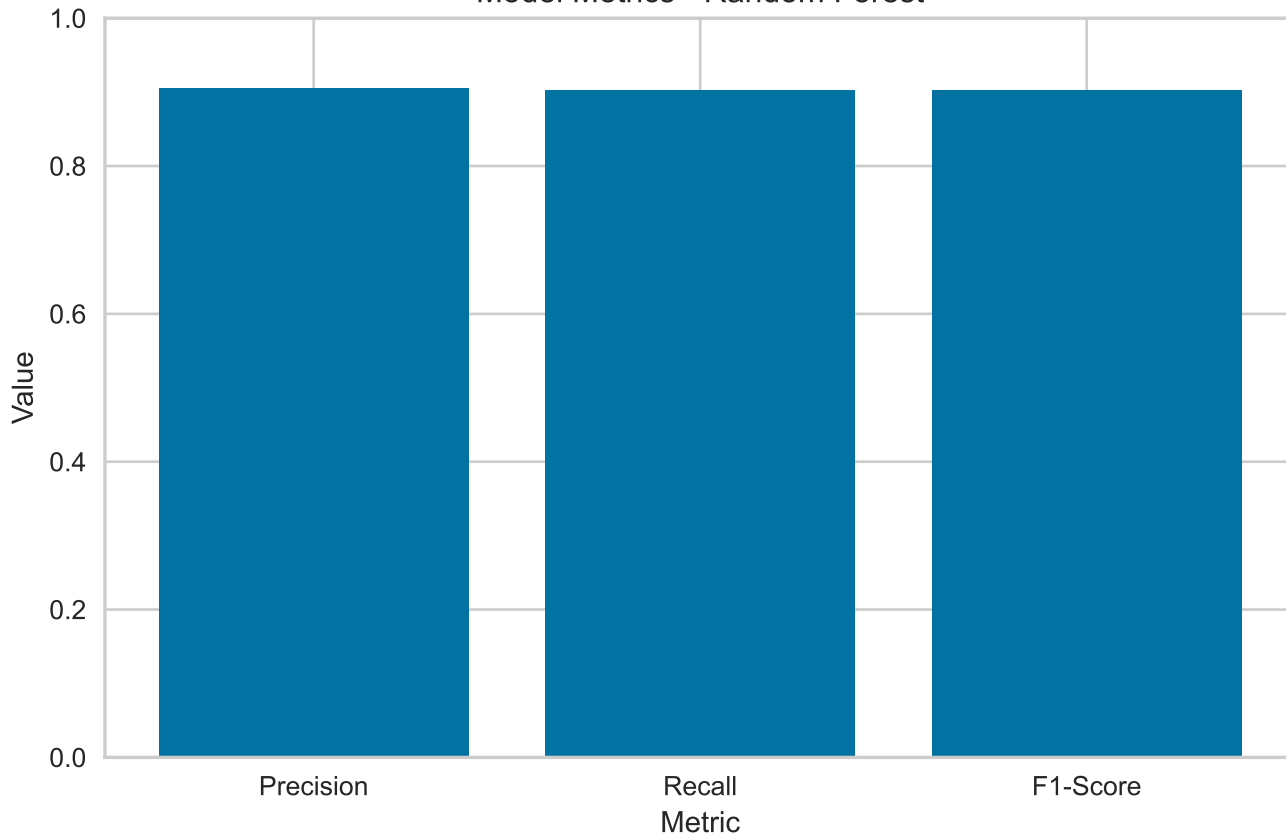
Decision Trees - Confusion Matrix



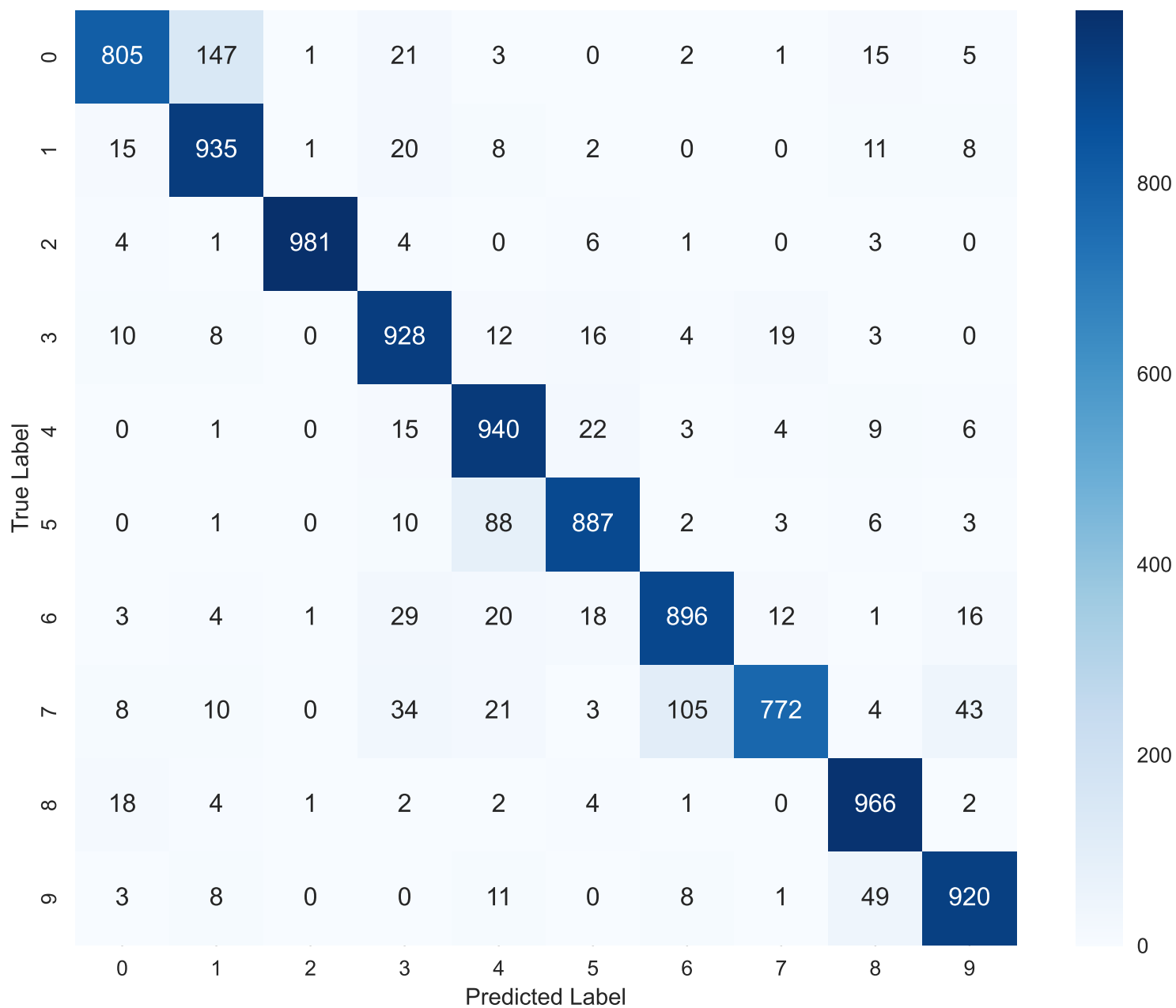
ROC Curves for DecisionTreeClassifier



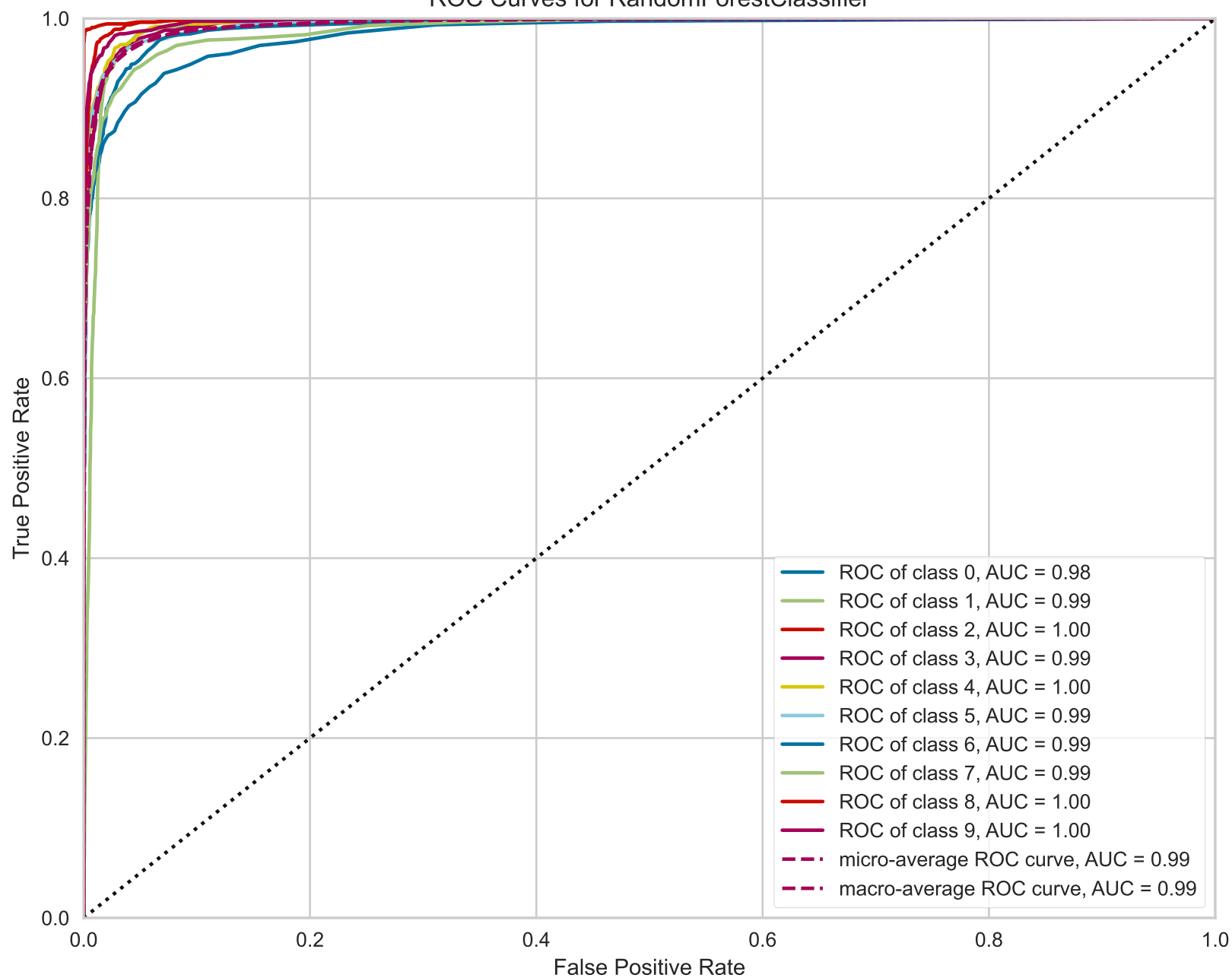
Model Metrics - Random Forest



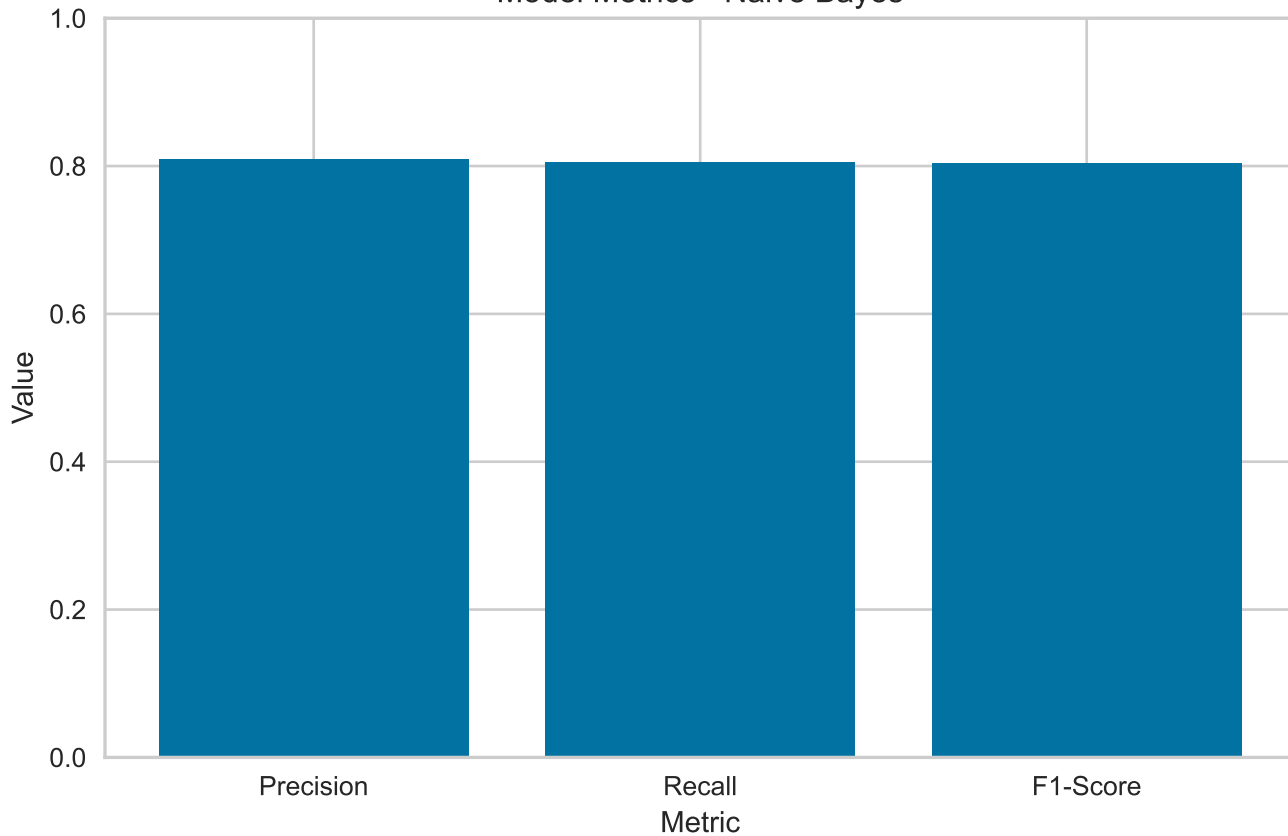
Random Forest - Confusion Matrix



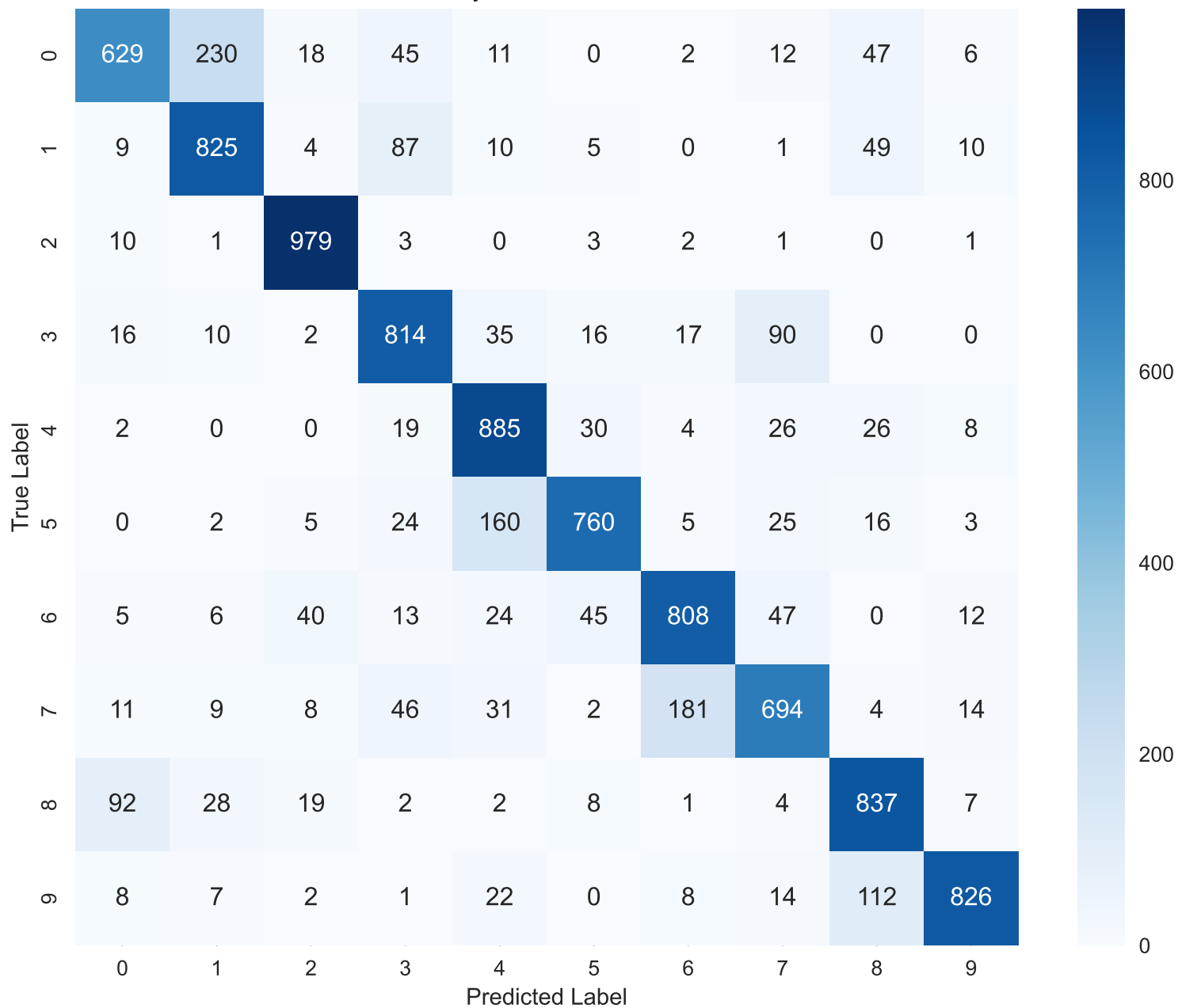
ROC Curves for RandomForestClassifier

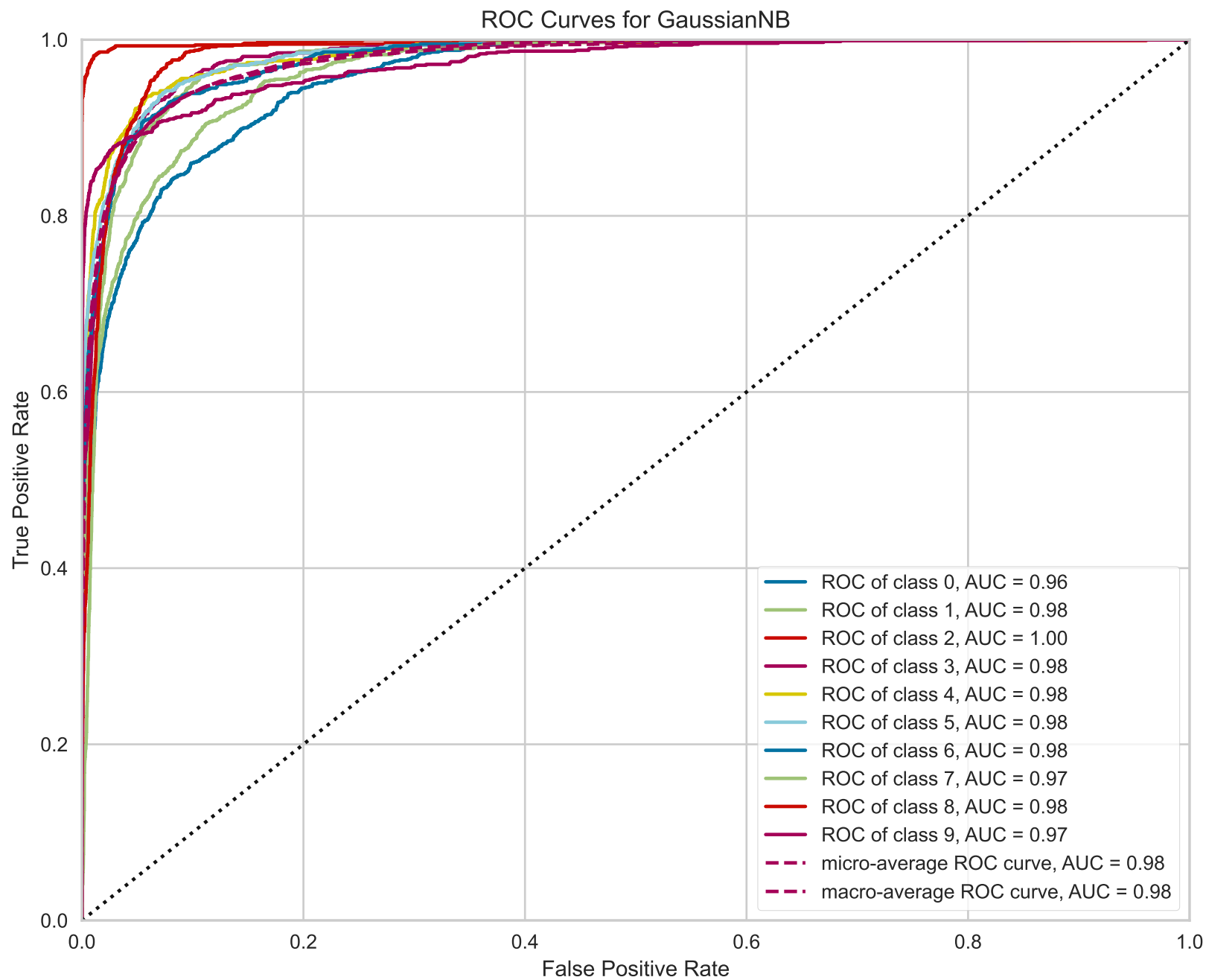


Model Metrics - Naive Bayes

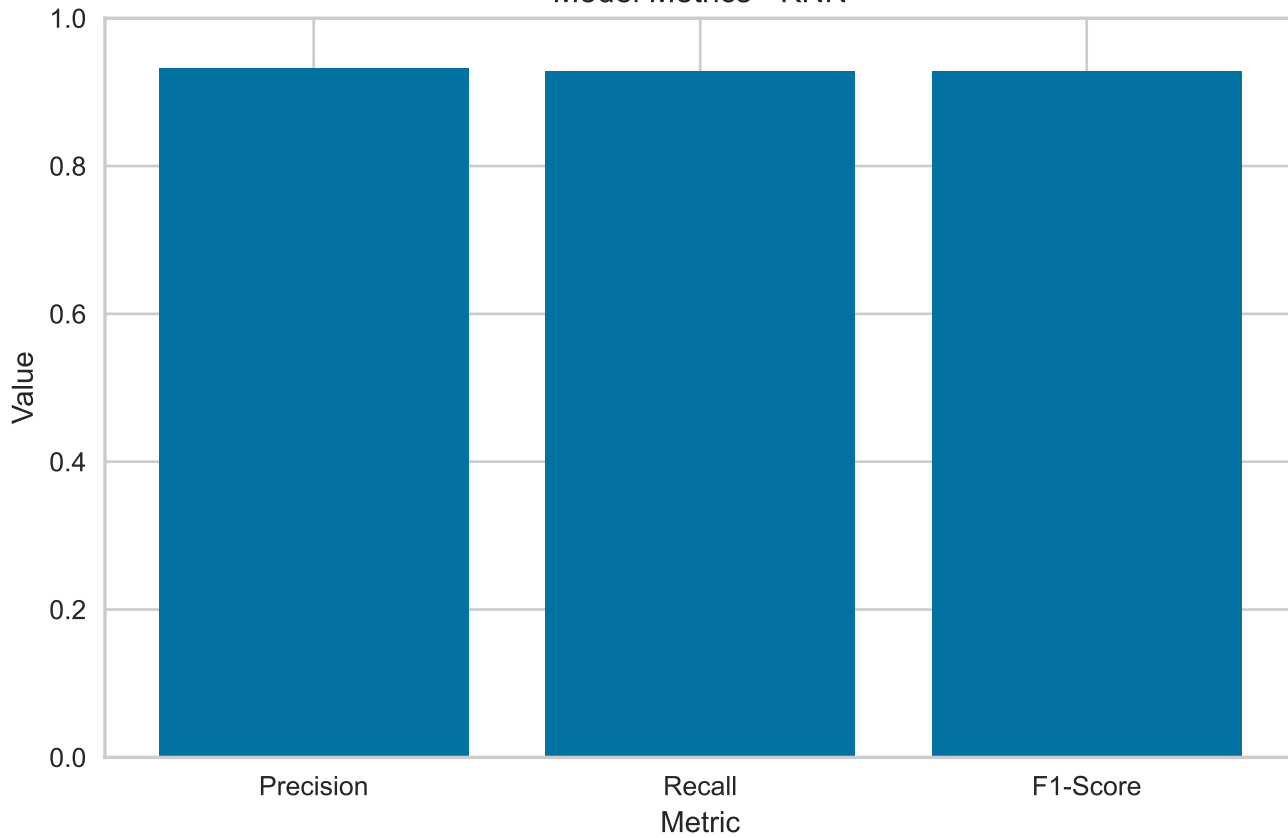


Naive Bayes - Confusion Matrix

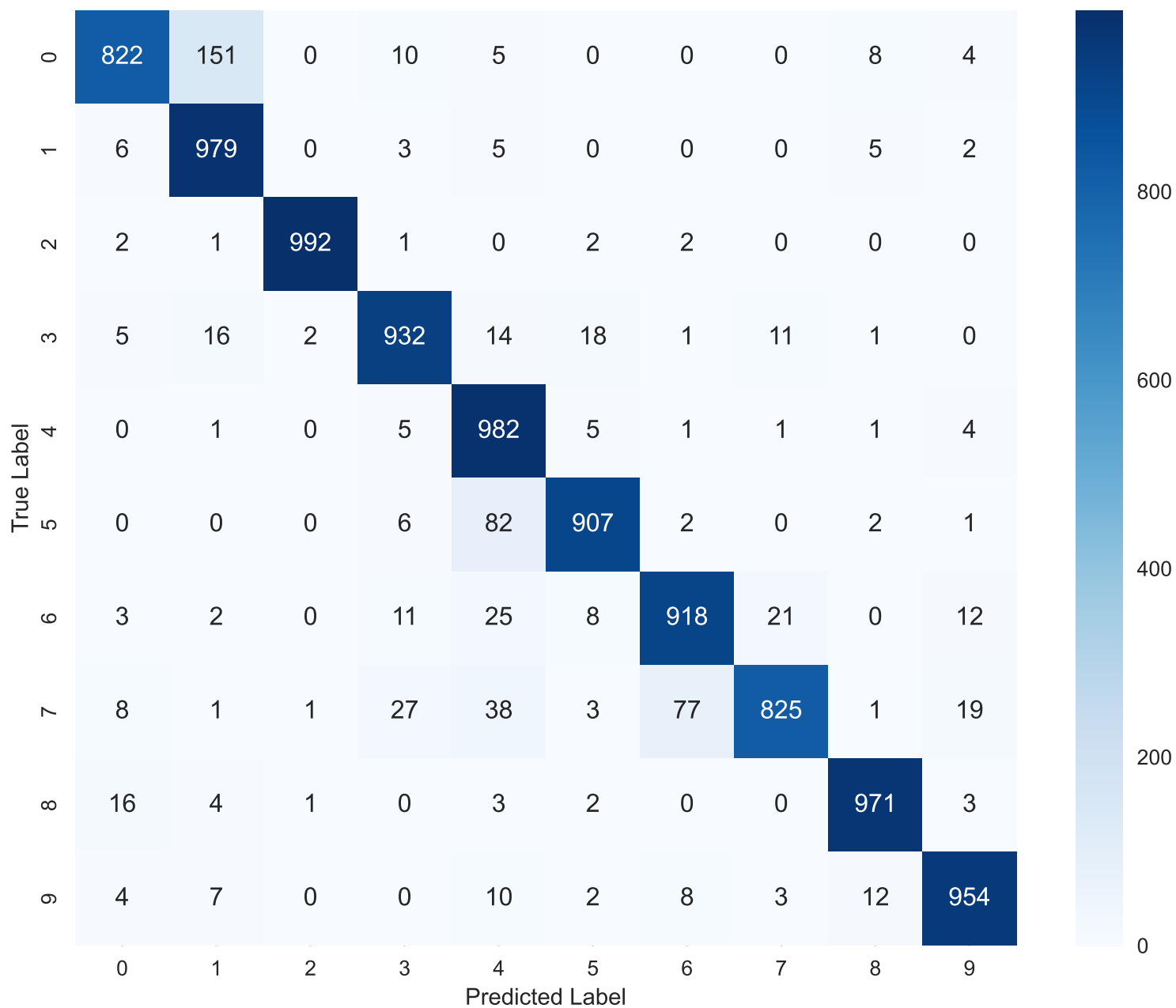




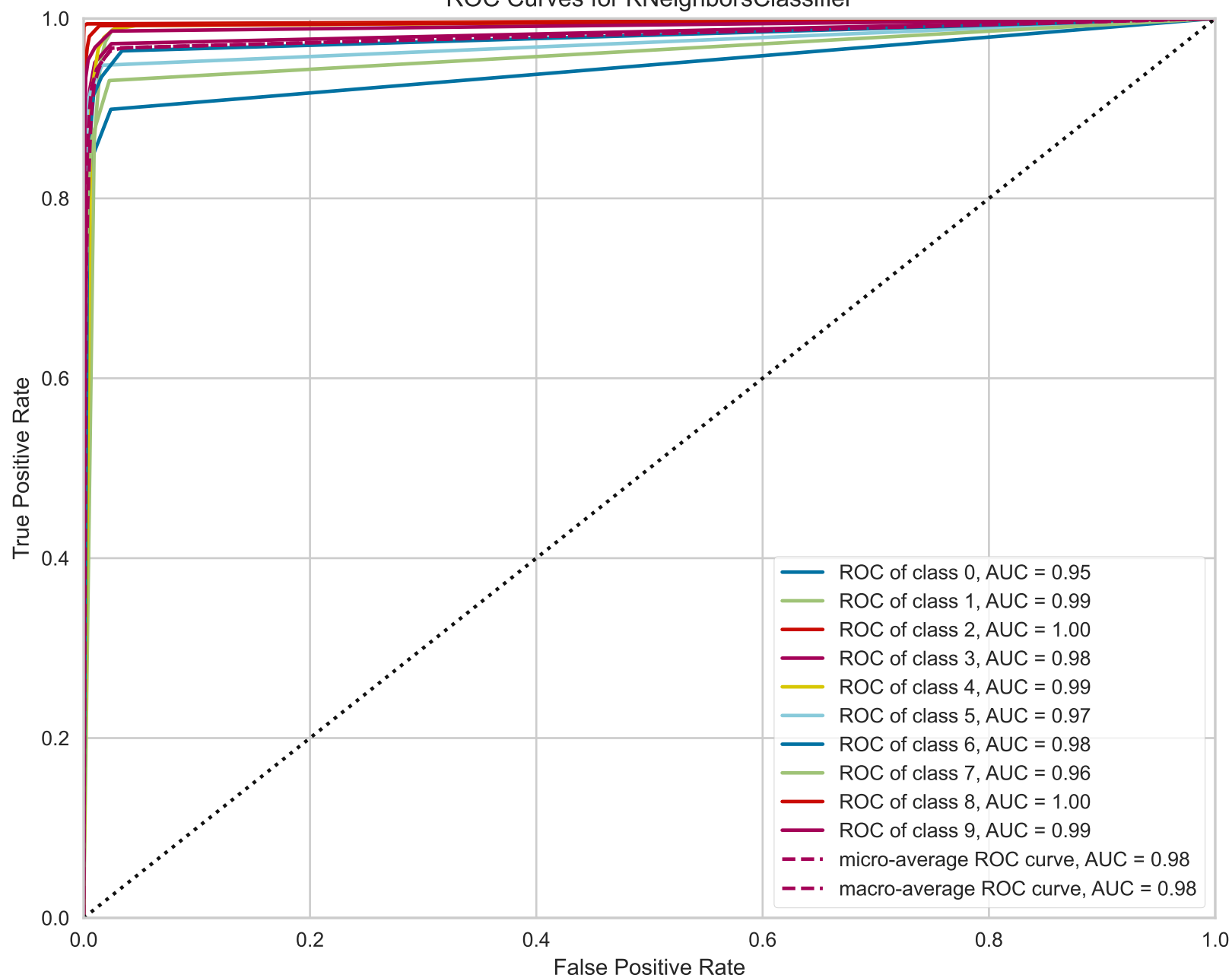
Model Metrics - KNN



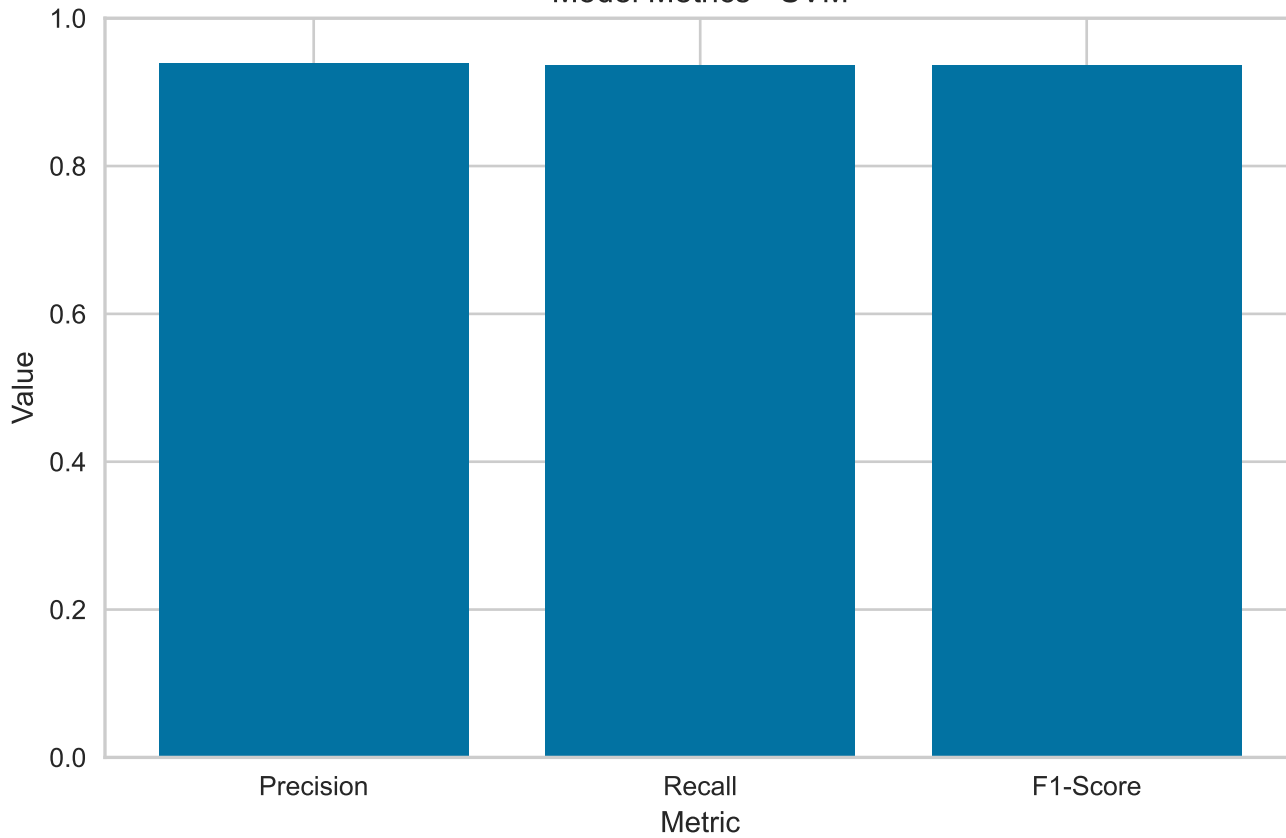
KNN - Confusion Matrix



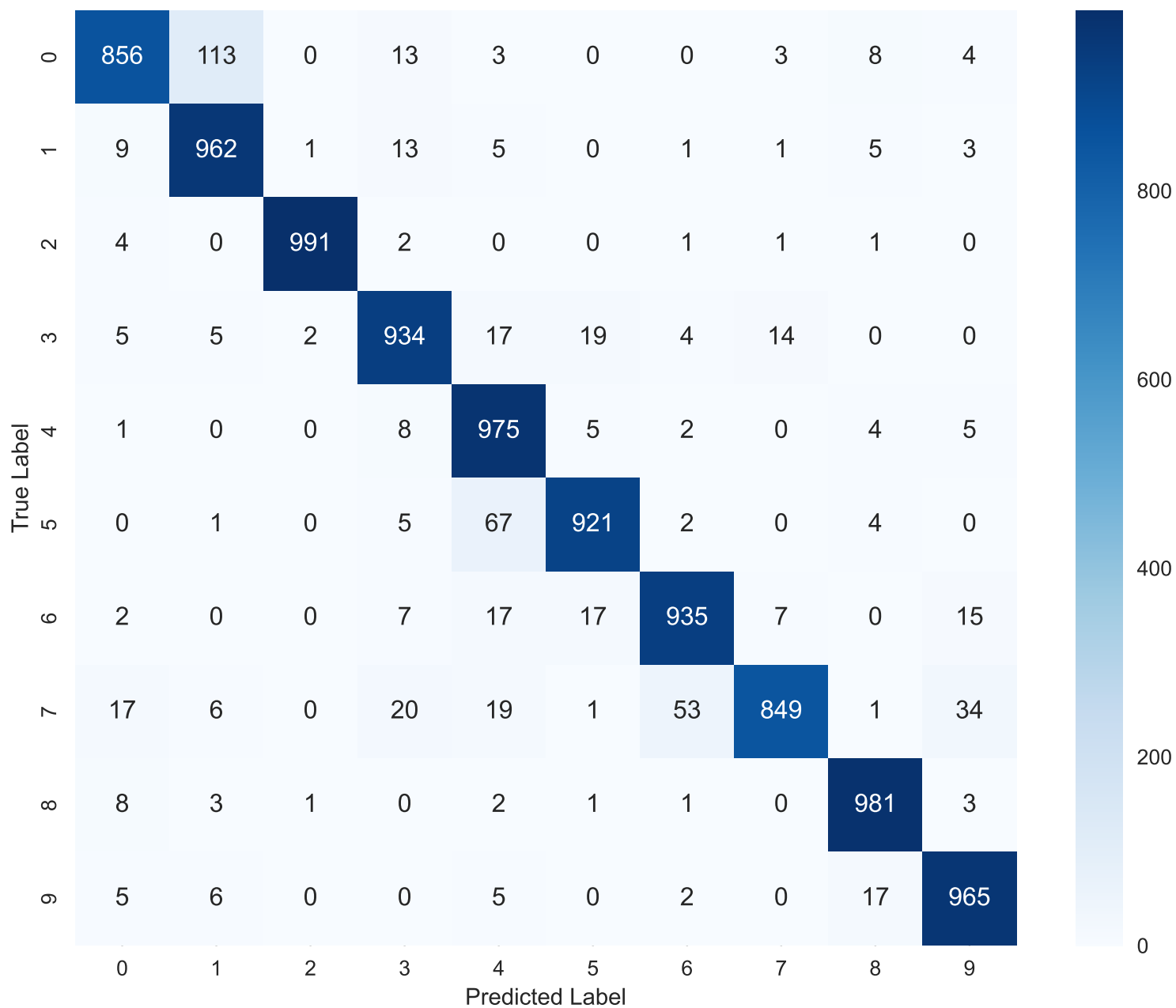
ROC Curves for KNeighborsClassifier



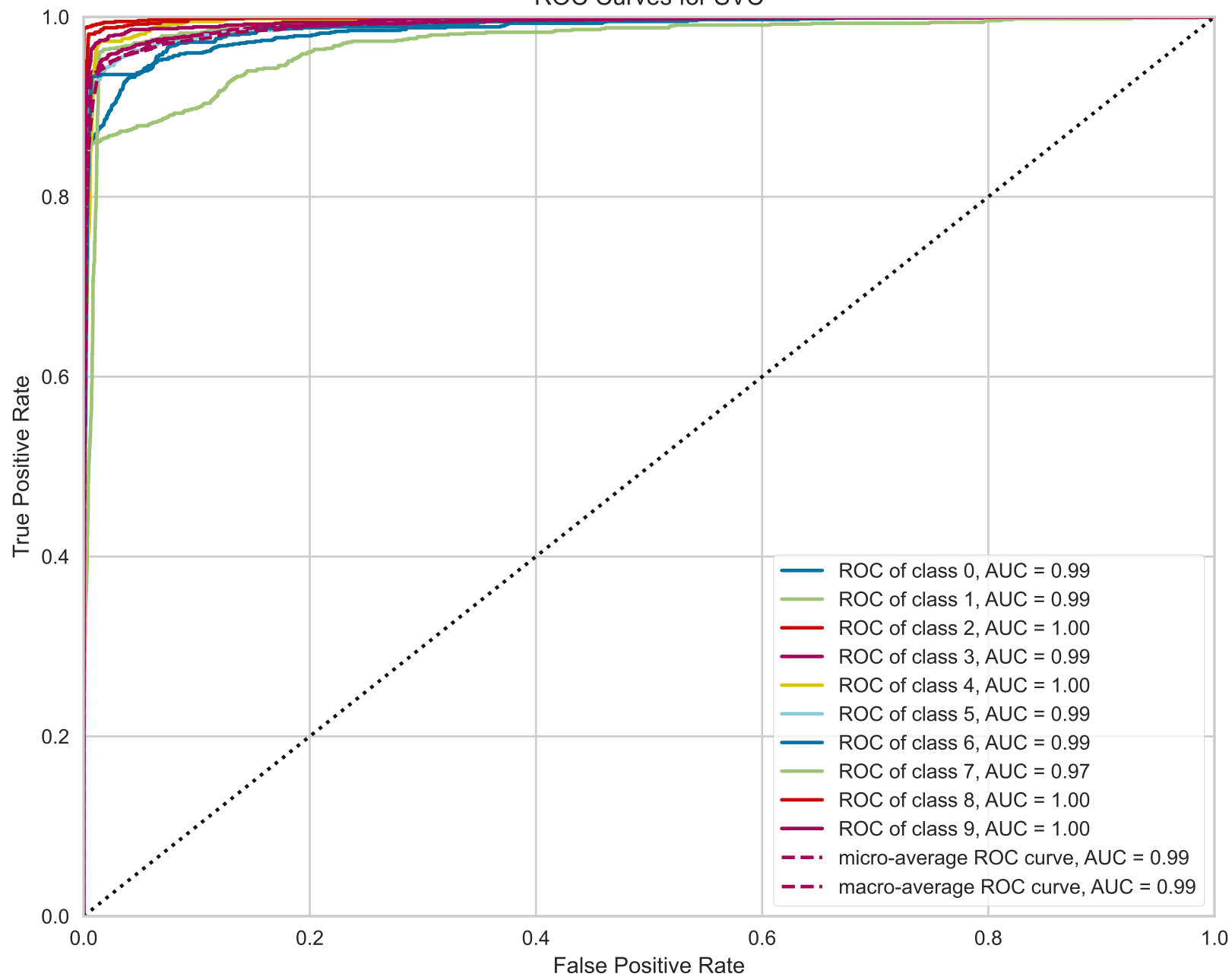
Model Metrics - SVM



SVM - Confusion Matrix



ROC Curves for SVC



Model Comparison - PCA 25 components

Model	Precision	Recall	F1-Score
Decision Trees	0.8069570982970704	0.8070999999999999	0.8061831949271294
Random Forest	0.9060676277932951	0.9029999999999999	0.9024170257473332
Naive Bayes	0.809185060437845	0.8057000000000001	0.8043551195817551
KNN	0.9318760683881508	0.9282	0.9279763599241999
SVM	0.9386374160192525	0.9369	0.9366433969356389