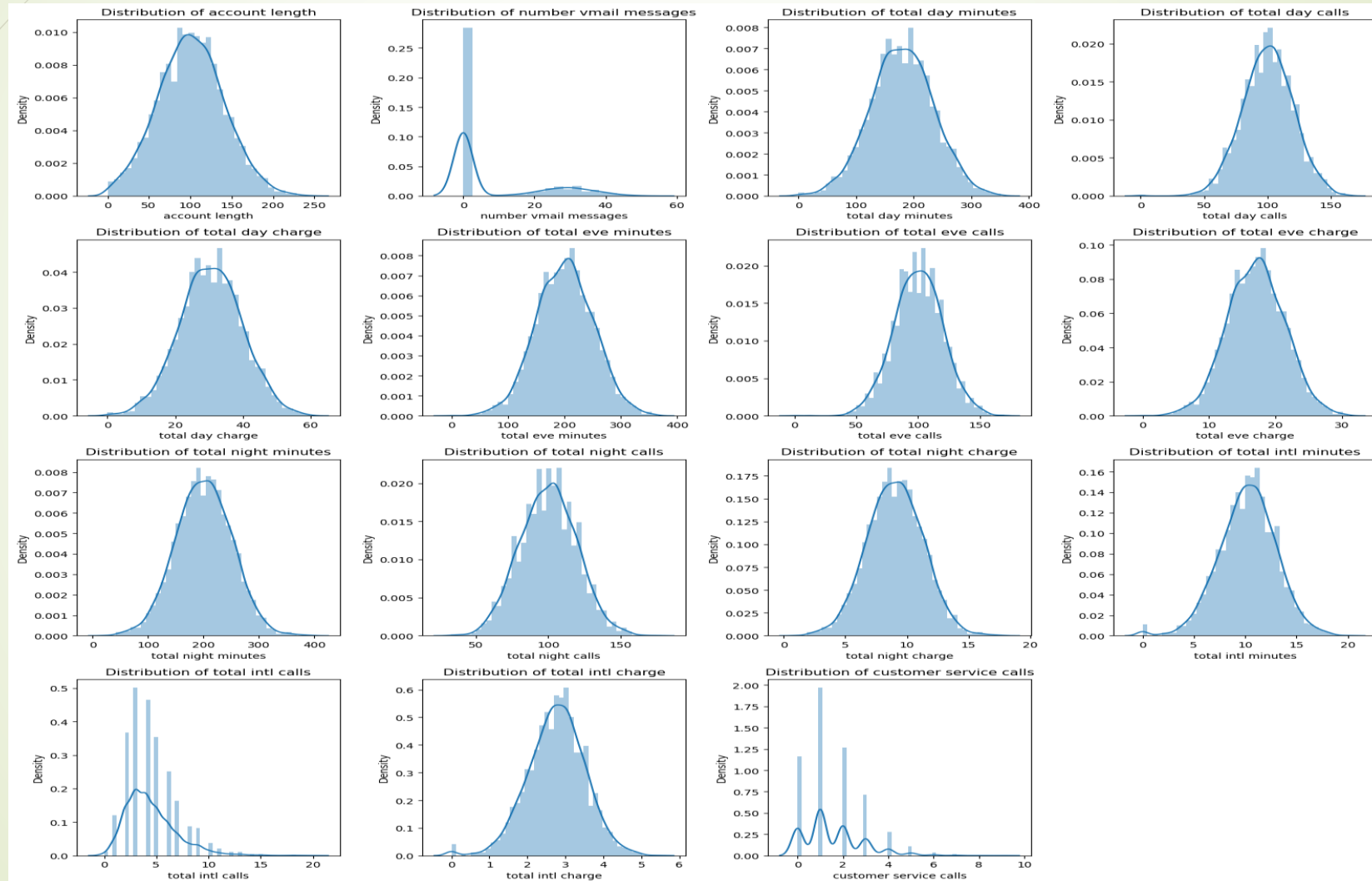# PHASE 3 PROJECT:

Syriatel Customer Churn Prediction
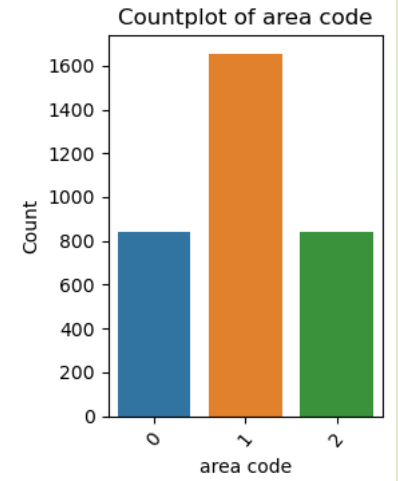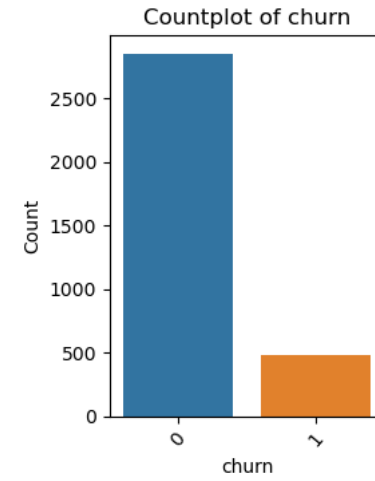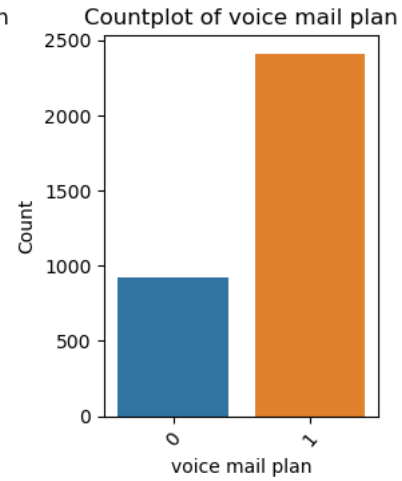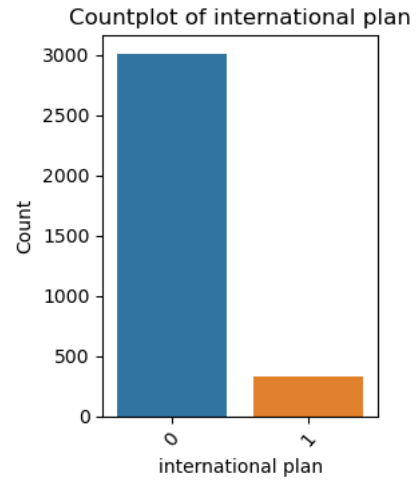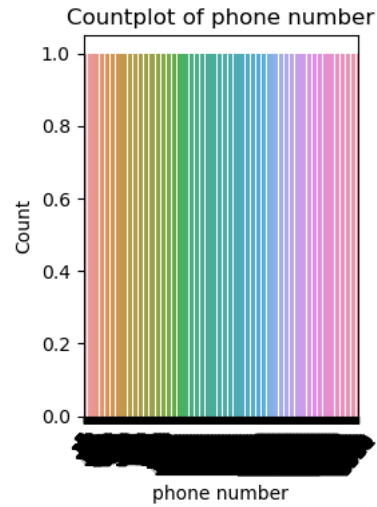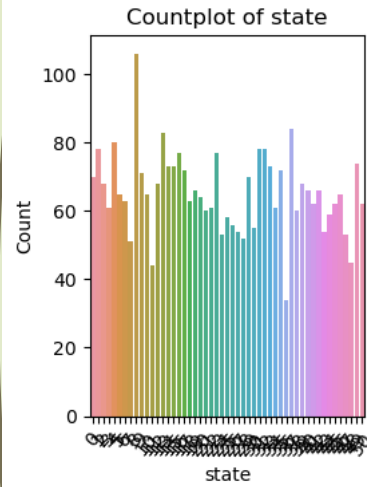
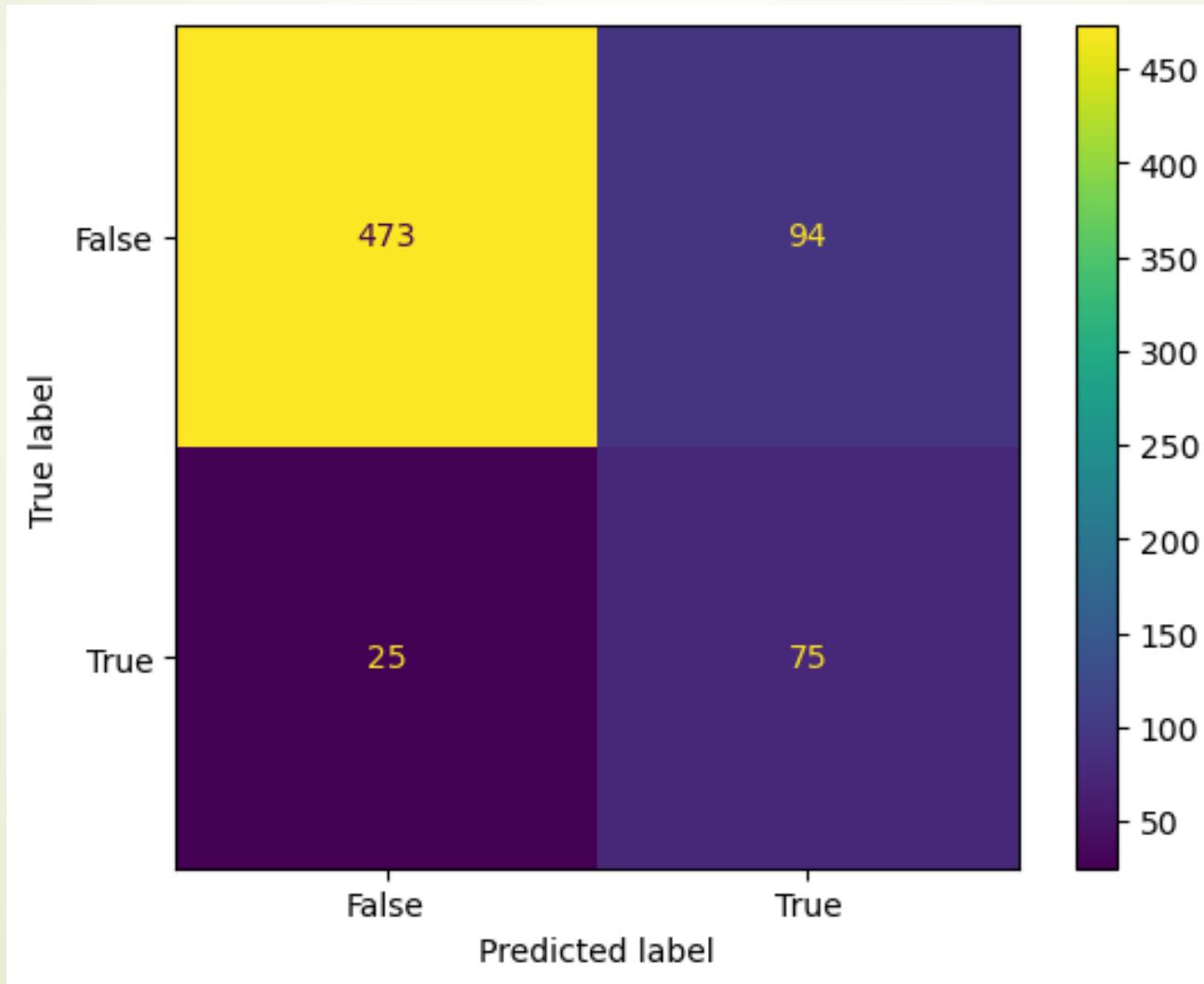# Distribution of the data

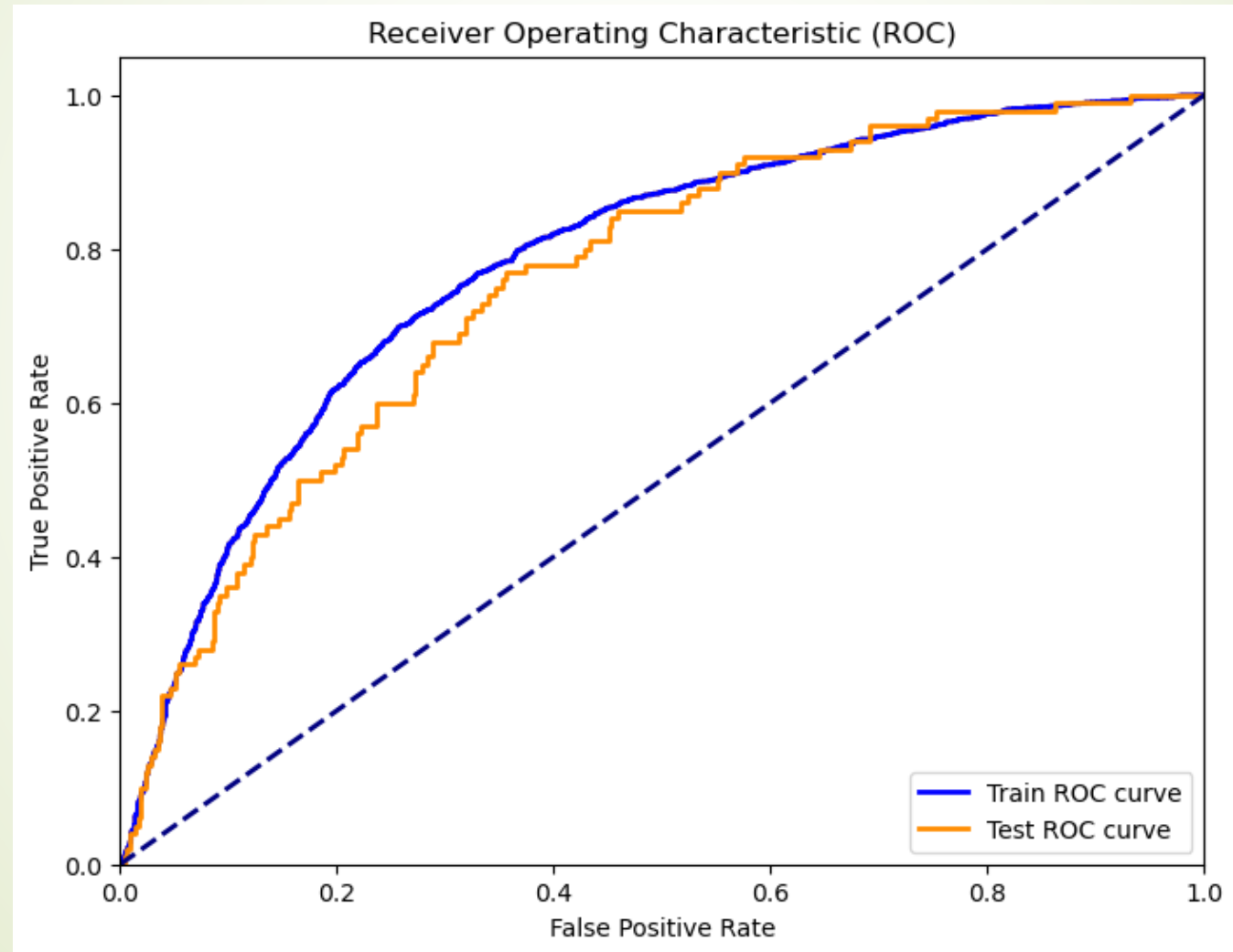*(numerical data)*

Continued...
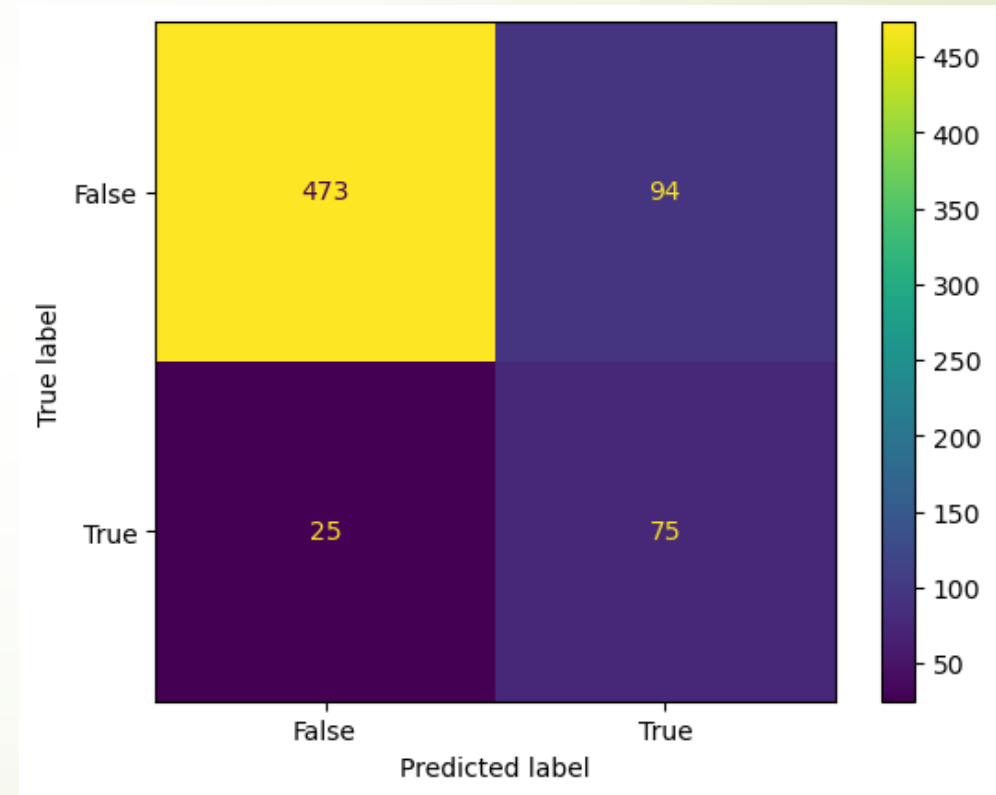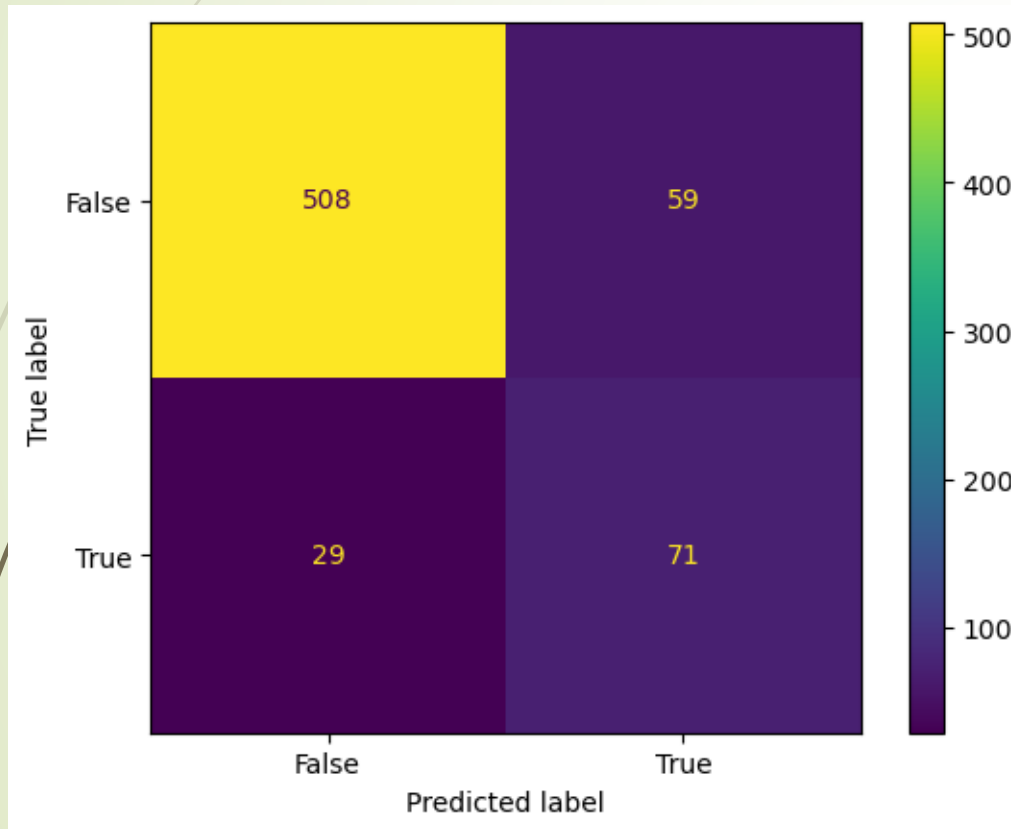
(categorical)

Confusion Matrix - Logistic Model
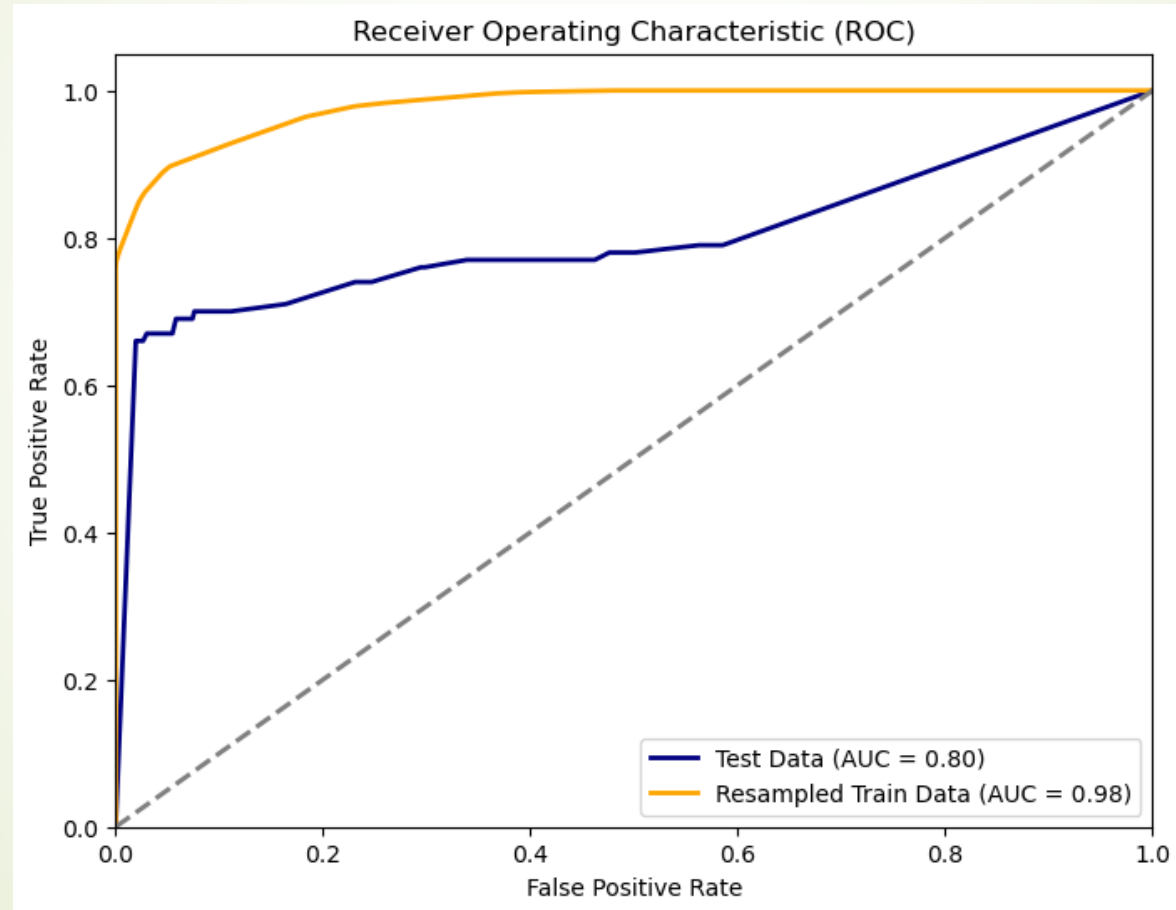
ROC – Logistic Regression Model
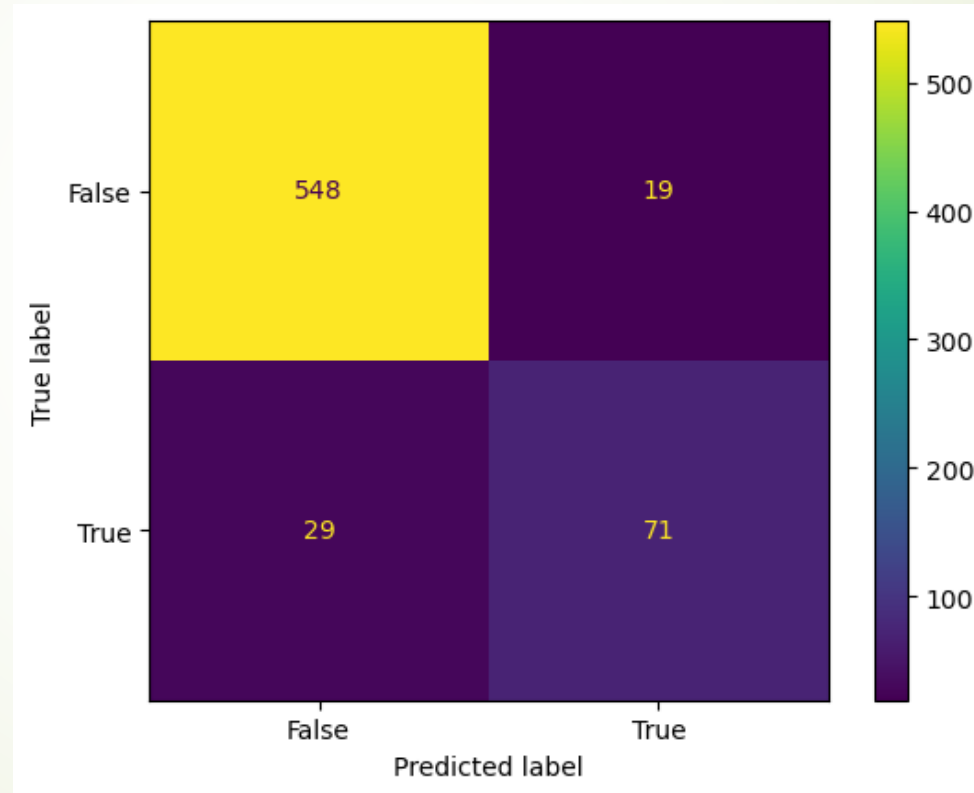
Decision Tree (untuned and tuned)

respectively

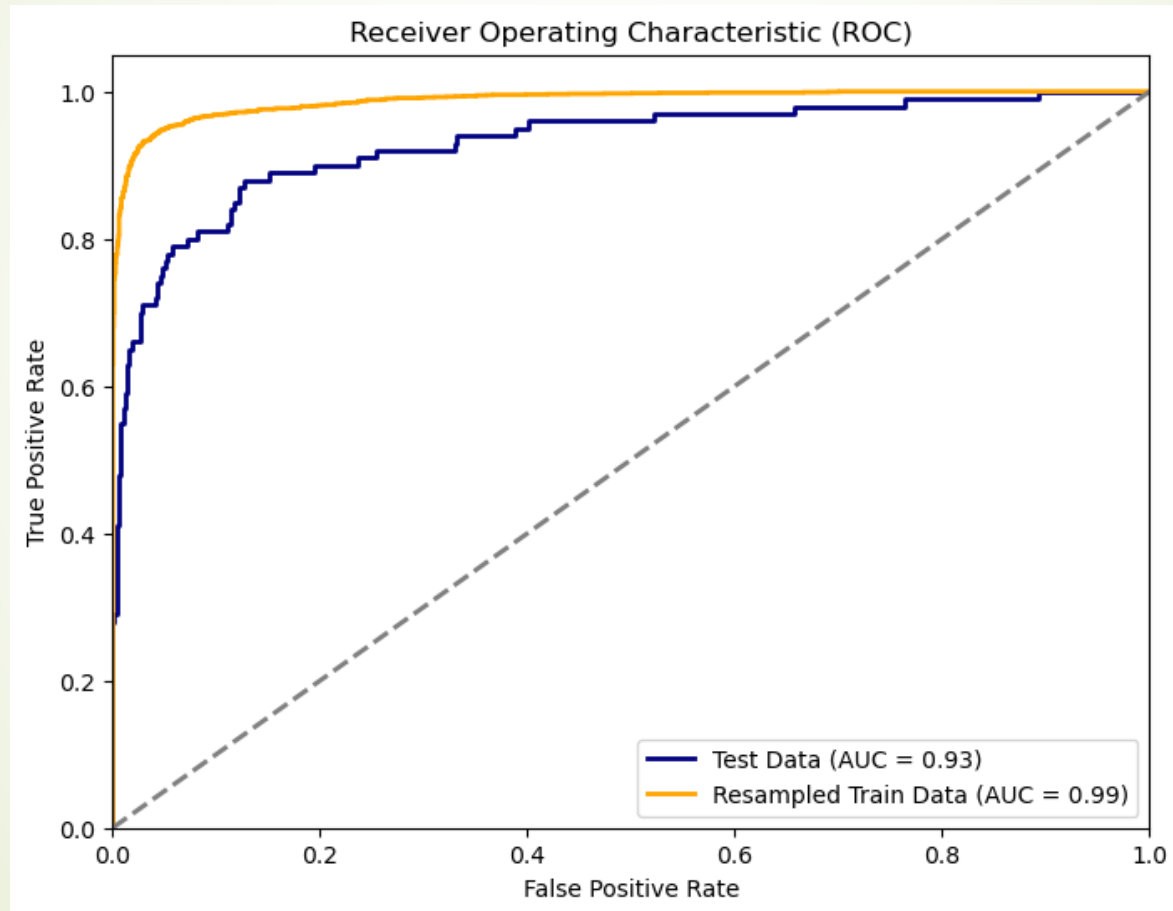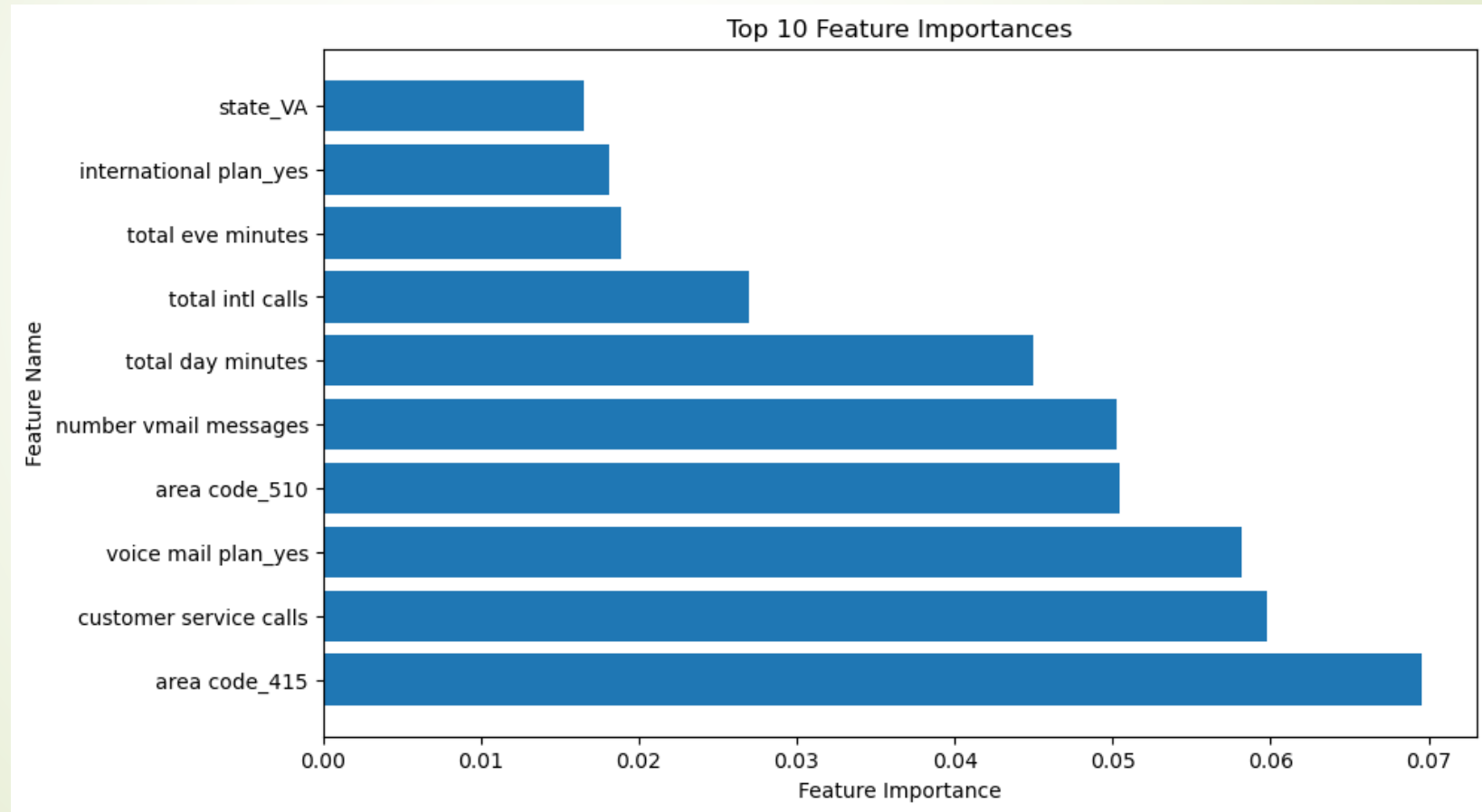# Decision Tree - ROC

XGBClassifier Model – tuned confusion matrix

XGBClassifier Model - ROC

Feature Importance

Top 10 Feature Importances

Model Performance Comparison