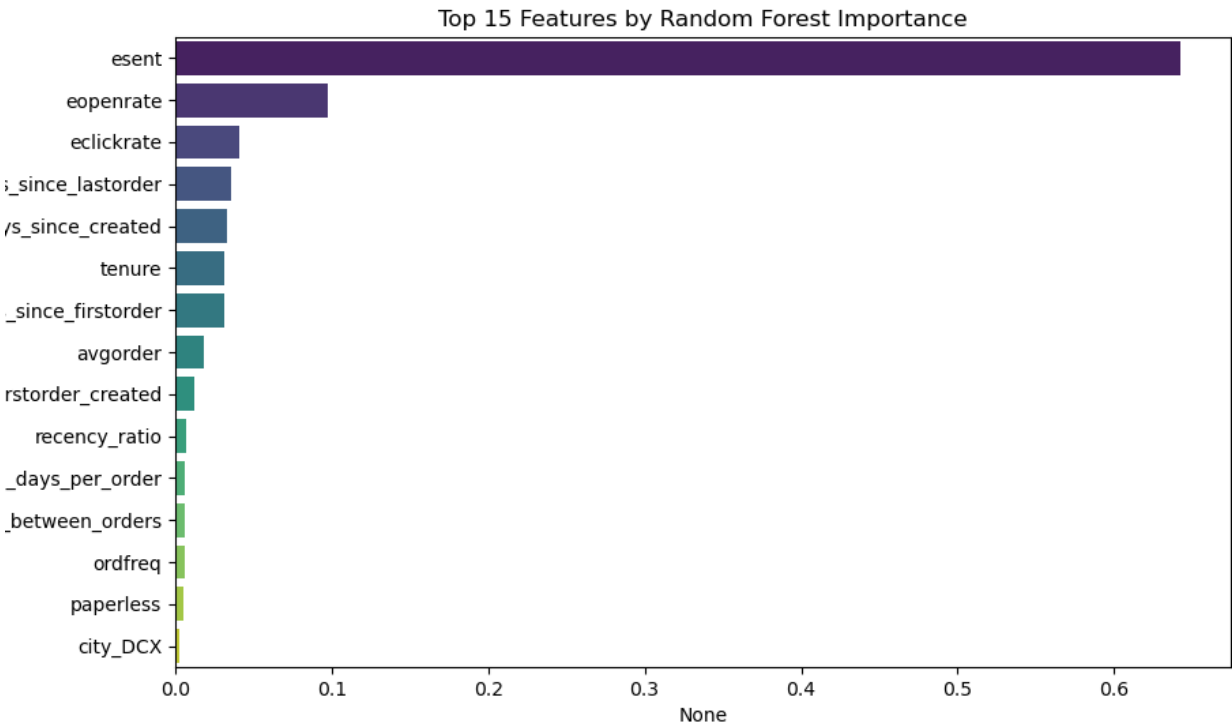
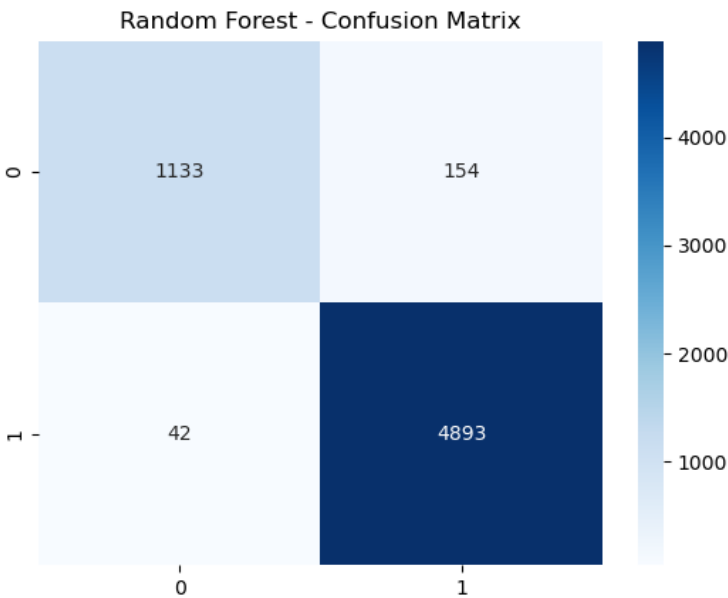


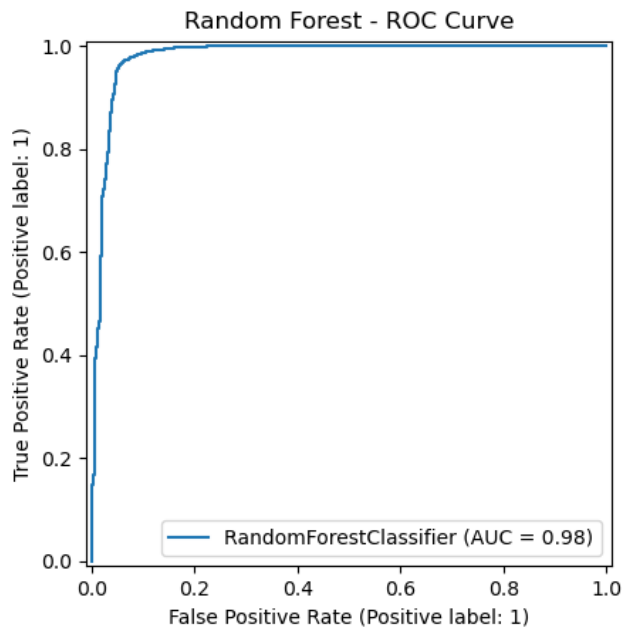
Customer Churn Prediction Report

Selected Features (14): esent, eopenrate, eclickrate, days_since_lastorder, days_since_created, tenure, days_since_firstorder, avgorder, days_since_firstorder_created, recency_ratio, avg_days_per_order, days_between_orders, ordfreq, paperless

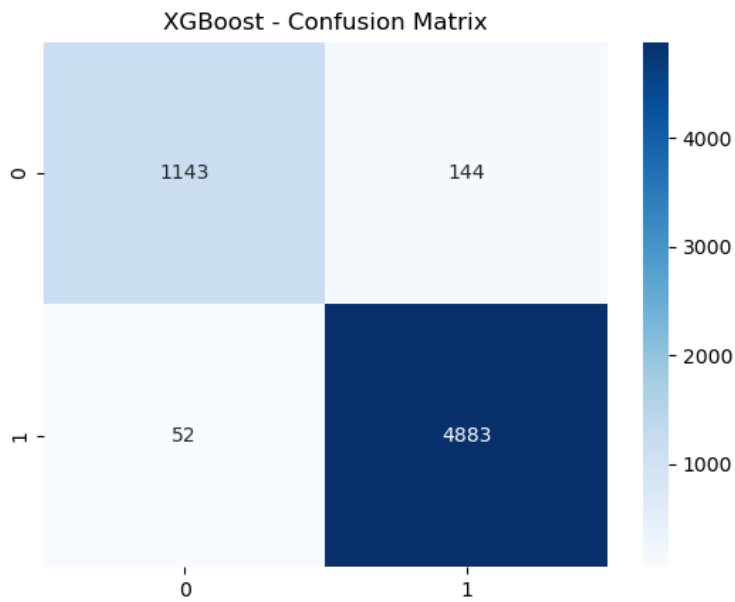


Random Forest - Accuracy: 0.9685, F1 Score: 0.9804

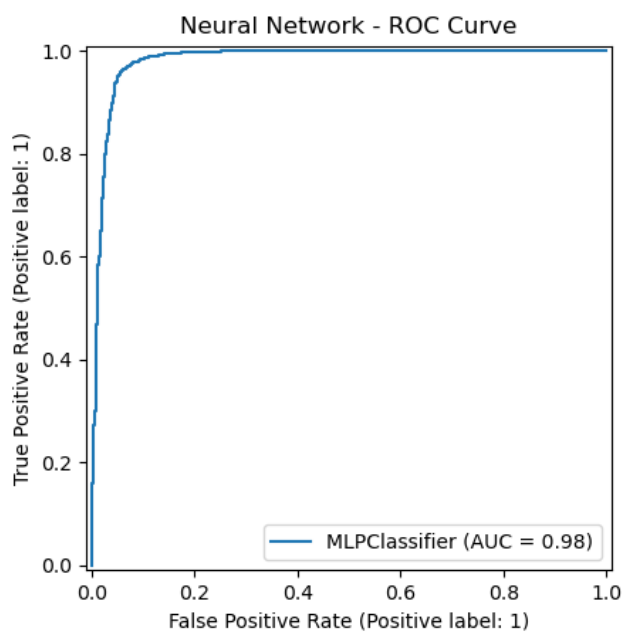
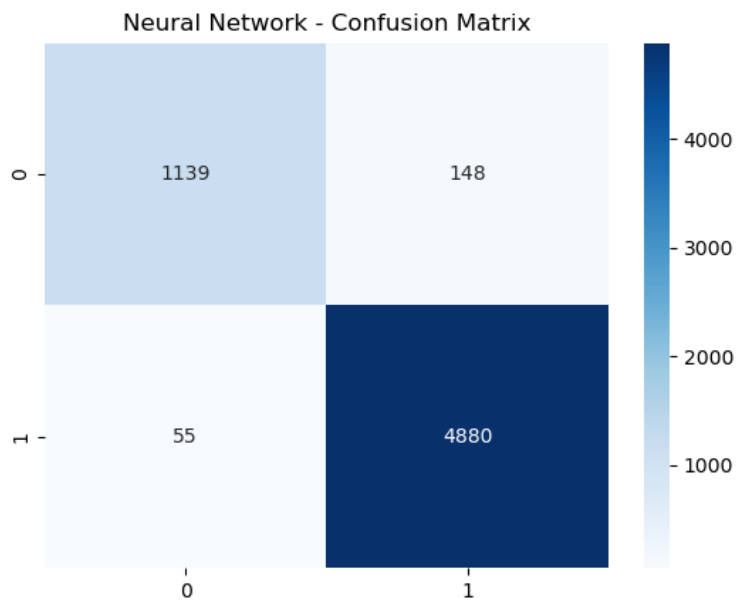




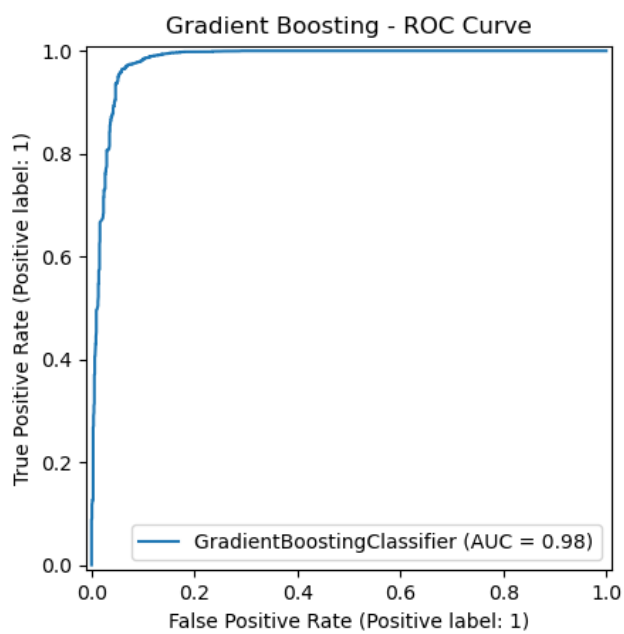
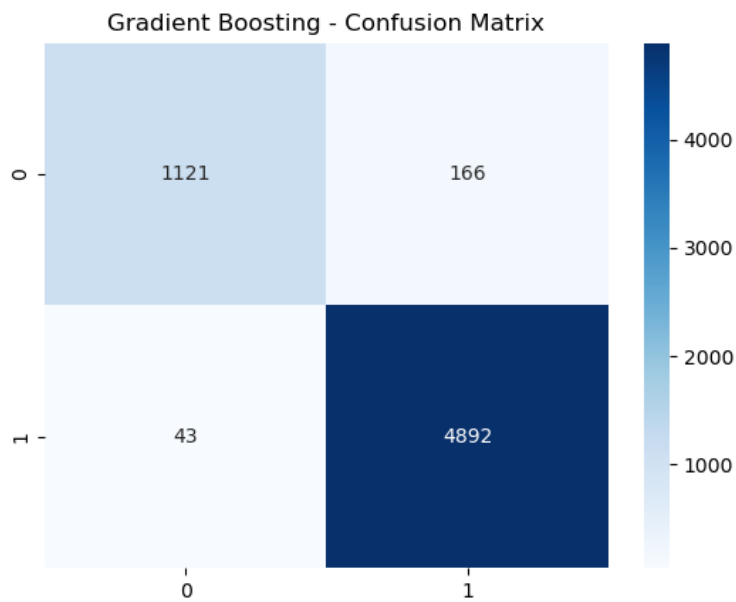
XGBoost - Accuracy: 0.9685, F1 Score: 0.9803



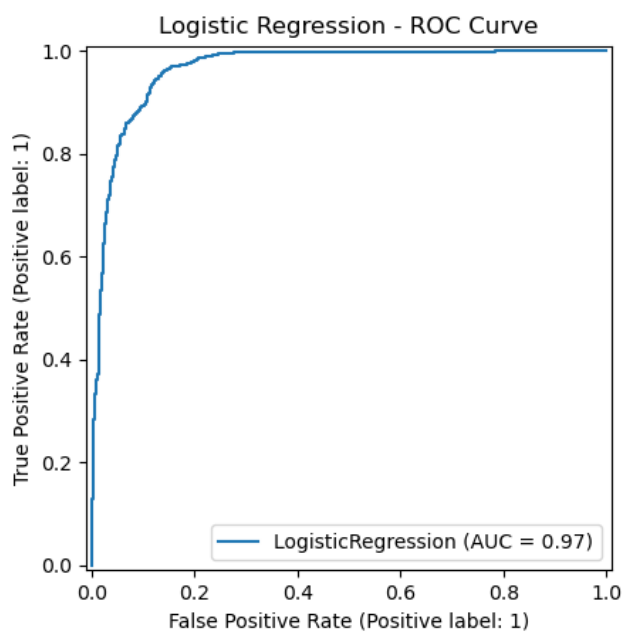
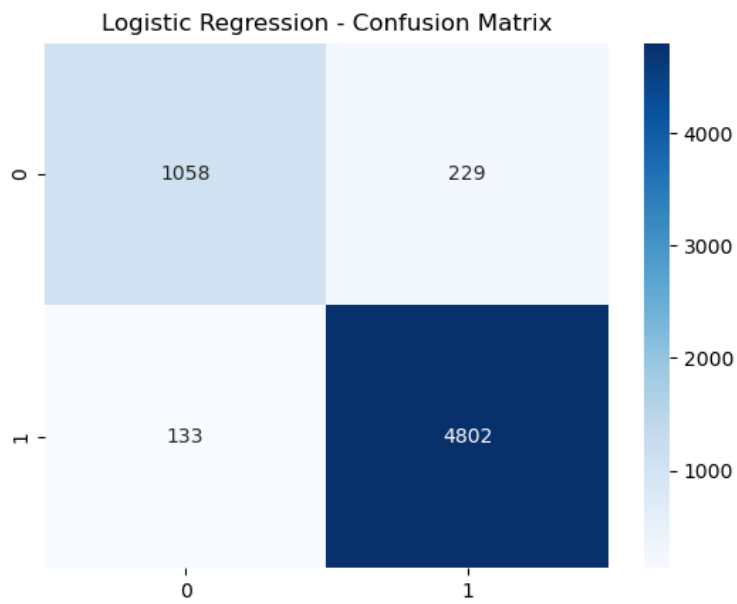
Neural Network - Accuracy: 0.9674, F1 Score: 0.9796



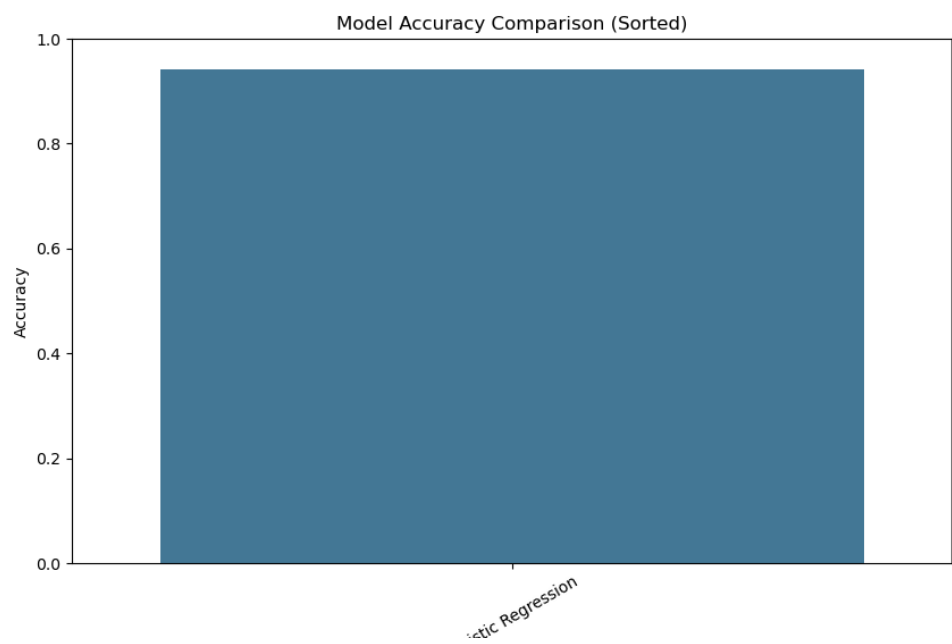
Gradient Boosting - Accuracy: 0.9664, F1 Score: 0.9791



Logistic Regression - Accuracy: 0.9418, F1 Score: 0.9637



Accuracy Comparison



F1 Score Comparison

