Logistic Regression Model Report

# Performance Metrics

Accuracy: 0.700

Precision: 0.000

Recall: 0.000

F1-Score: 0.000

ROC-AUC: 0.438

# Confusion Matrix

[[21 3]  
 [ 6 0]]

# Classification Report

precision recall f1-score support  
  
 0 0.78 0.88 0.82 24  
 1 0.00 0.00 0.00 6  
  
 accuracy 0.70 30  
 macro avg 0.39 0.44 0.41 30  
weighted avg 0.62 0.70 0.66 30

# Model Coefficients

Age: -0.1510

Gender: 0.5099

Monthly\_Spend: -0.1314

Tenure\_Years: -0.1176

Support\_Tickets\_Raised: -0.0561

City\_Tier: -0.0375

Used\_App\_Last\_Month: -1.1310

Education\_Level\_High School: 0.1607

Education\_Level\_Master's: 0.2471

Education\_Level\_PhD: 0.4909

Spend\_per\_Year: -0.1666

See model-performance/logreg\_roc\_curve.png for ROC curve.