**Success Metrics**: FindDefault-Project

```
1 # Model Evaluation
In [11]:
          1 import pandas as pd
           2 from sklearn.metrics import accuracy_score, classification_report
           4 # Load the CSV file into a DataFrame
5 data = pd.read_csv("creditcard.csv")
           7  # Split the data into features (X) and target variable (y)
8  X = data.drop(columns=['Class'])
           9 y = data['Class']
          11 # Predict on the test set
          12 y_pred = best_model.predict(X_test)
          14 # Calculate accuracy
          15 | accuracy = accuracy_score(y_test, y_pred)
          17 # Perform model validation
          19 print(classification_report(y_test, y_pred))
          21 # Print the accuracy
          22 print("Accuracy:", accuracy)
         Classification Report:
                      precision recall f1-score support
                           1.00
                                    1.00
                    0
                                                 1.00
                                                          56864
                    1
                            0.61 0.56
                                                 0.59
             accuracy
                                                 1.00
                                                          56962
            macro avg
                        0.81
1.00
                                      0.78
                                                 0.79
                                                          56962
                                                          56962
         weighted avg
                                      1.00
                                                 1.00
         Accuracy: 0.9986306660580738
```