**Phishing Website Detection - Model Report**

**Objective**:

Build a binary classification model to identify phishing websites using Python Scikit-Learn on a dataset with 11055 rows and 31 columns.

**Steps and Findings:**

1. Logistic Regression Model:

- Logistic regression with C=100.

- Training-test split: 70-30.

- Results:

- Misclassified samples: 259

- Accuracy score: 0.9219173952366596

2. Two-Feature Model:

- Selected features: 'PrefixSuffix-' and 'LinksInScriptTags'.

- Built logistic regression model.

- Compared accuracy with the previous model.

- Accuracy with two features: 0.6629484473922219

3. Decision Boundary Plot:

- Visualized decision boundaries for both models.

A screenshot of a graph

Description automatically generated