7-RESULTS

Without Feature Selection:
Random Forest - Accuracy: 1.0000, Precision: 1.0000, Recall: 1.0000, F1 Score: 1.0000
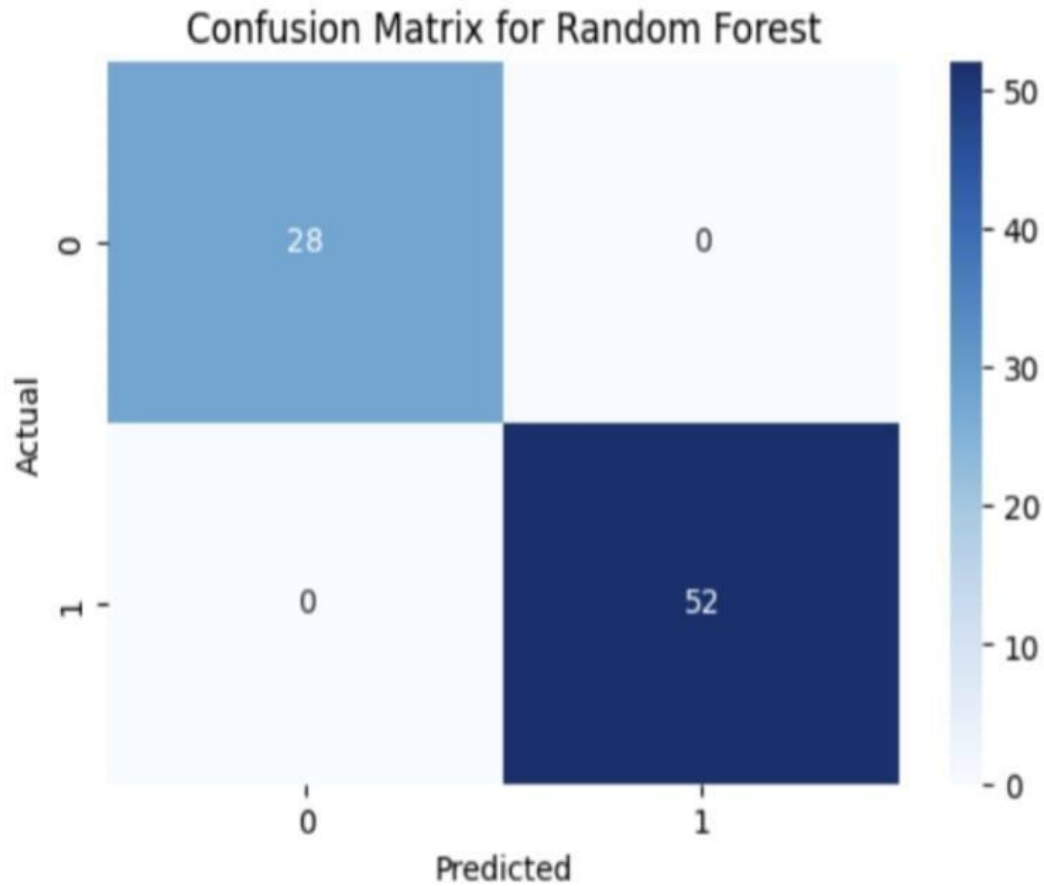
Confusion Matrix for Random Forest

Table: Confusion Matrix for Random Forest Without feature Selection

With Feature Selection:
Random Forest - Accuracy: 1.0000, Precision: 1.0000, Recall: 1.0000, F1 Score: 1.0000
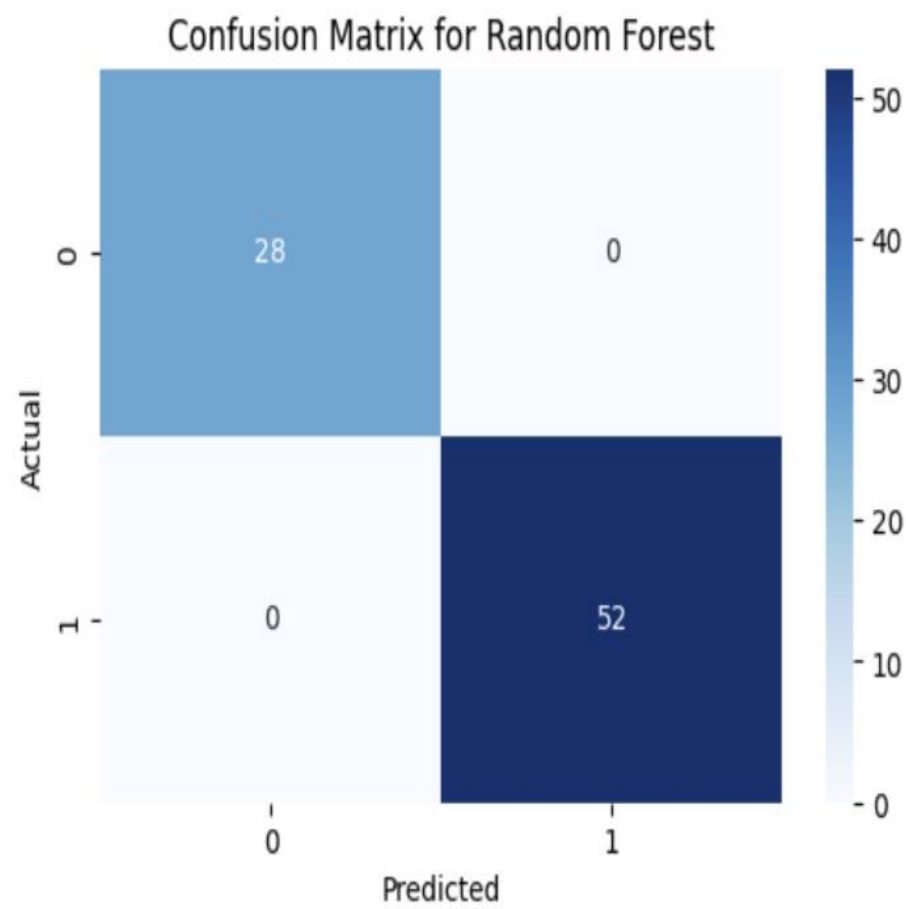
Confusion Matrix for Random Forest

Table: Confusion Matrix for Random Forest With Feature Selection

Without Feature Selection:
Decision Tree - Accuracy: 0.9875, Precision: 1.0000, Recall: 0.9808, F1 Score: 0.9903
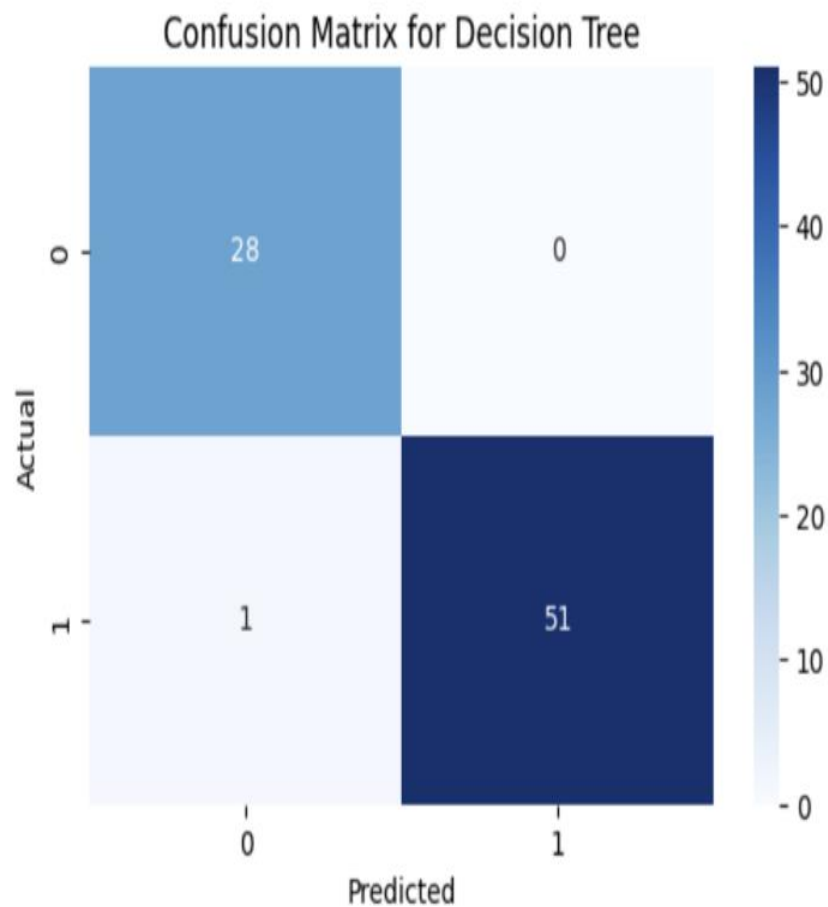

Table: Confusion Matrix for Decision Tree Without feature Selection

With Feature Selection:
Decision Tree - Accuracy: 0.9875, Precision: 1.0000, Recall: 0.9808, F1 Score: 0.9903

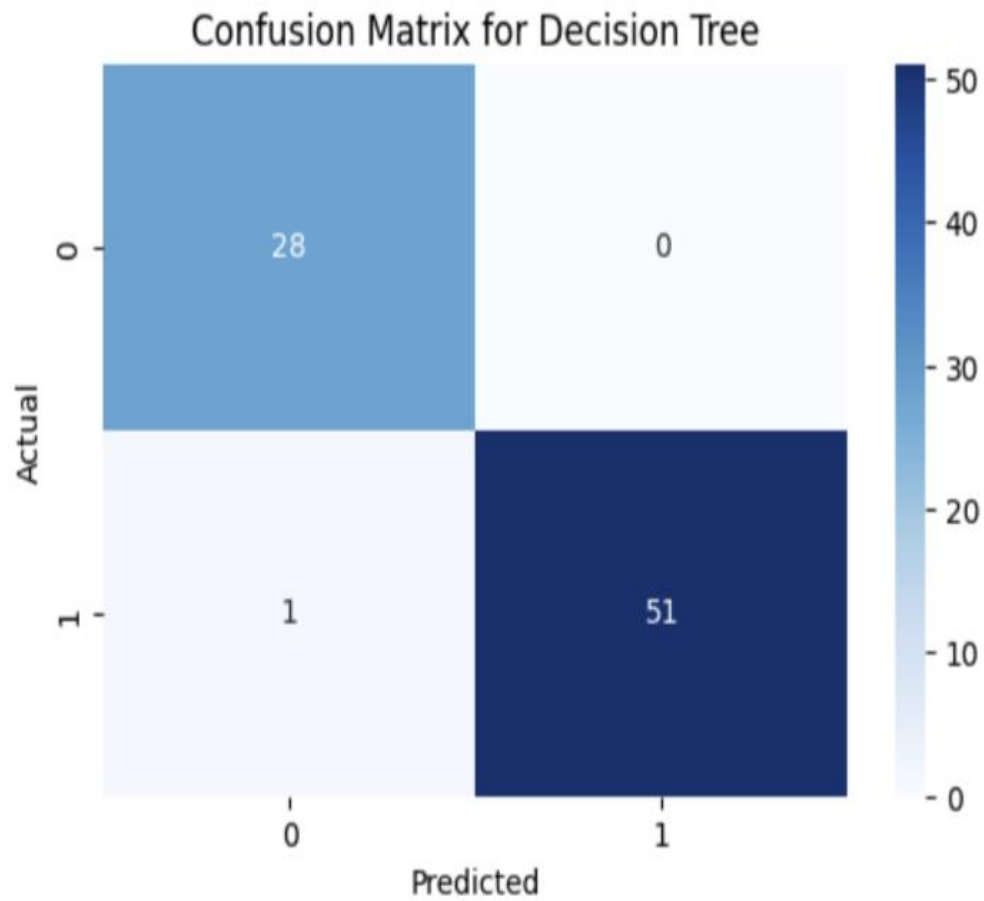## Confusion Matrix for Decision Tree

Table: Confusion Matrix for Decision Tree With feature Selection

Without Feature Selection:
KNN - Accuracy: 0.9625, Precision: 1.0000, Recall: 0.9423, F1 Score: 0.9703
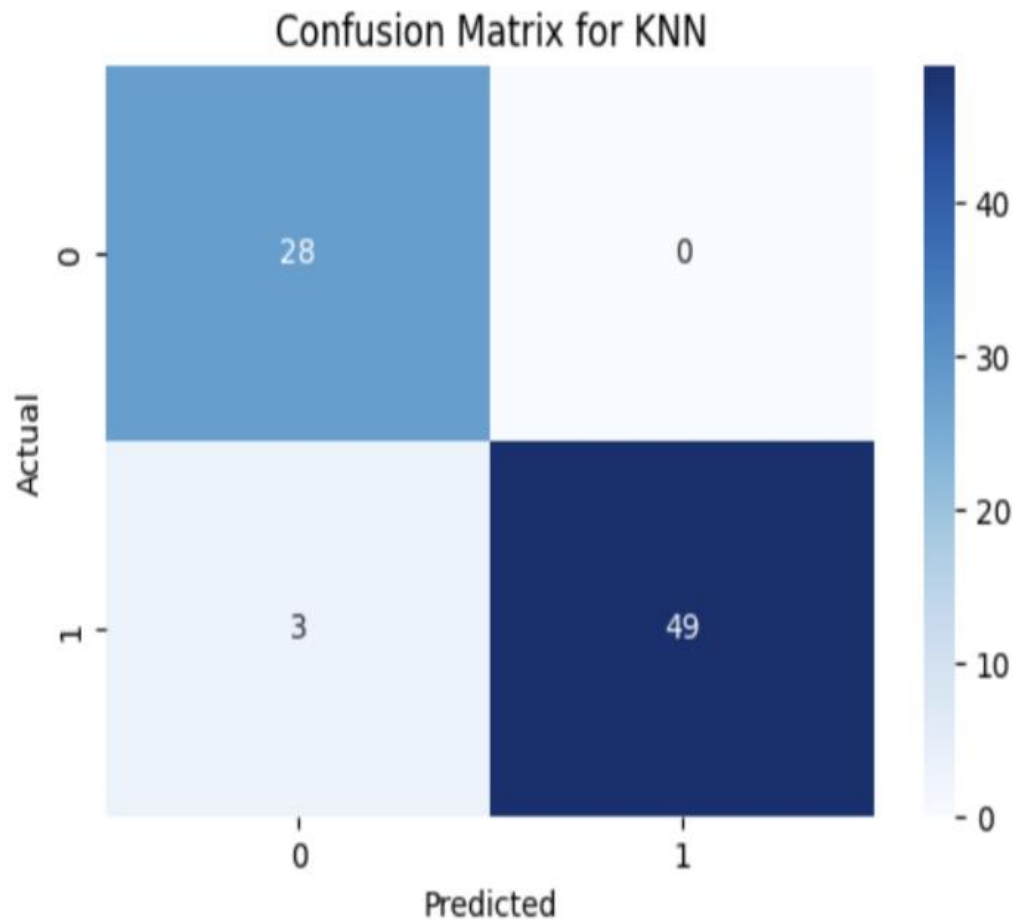

Confusion Matrix for KNN

Table: Confusion Matrix for KNN Without Feature Selection

With Feature Selection:
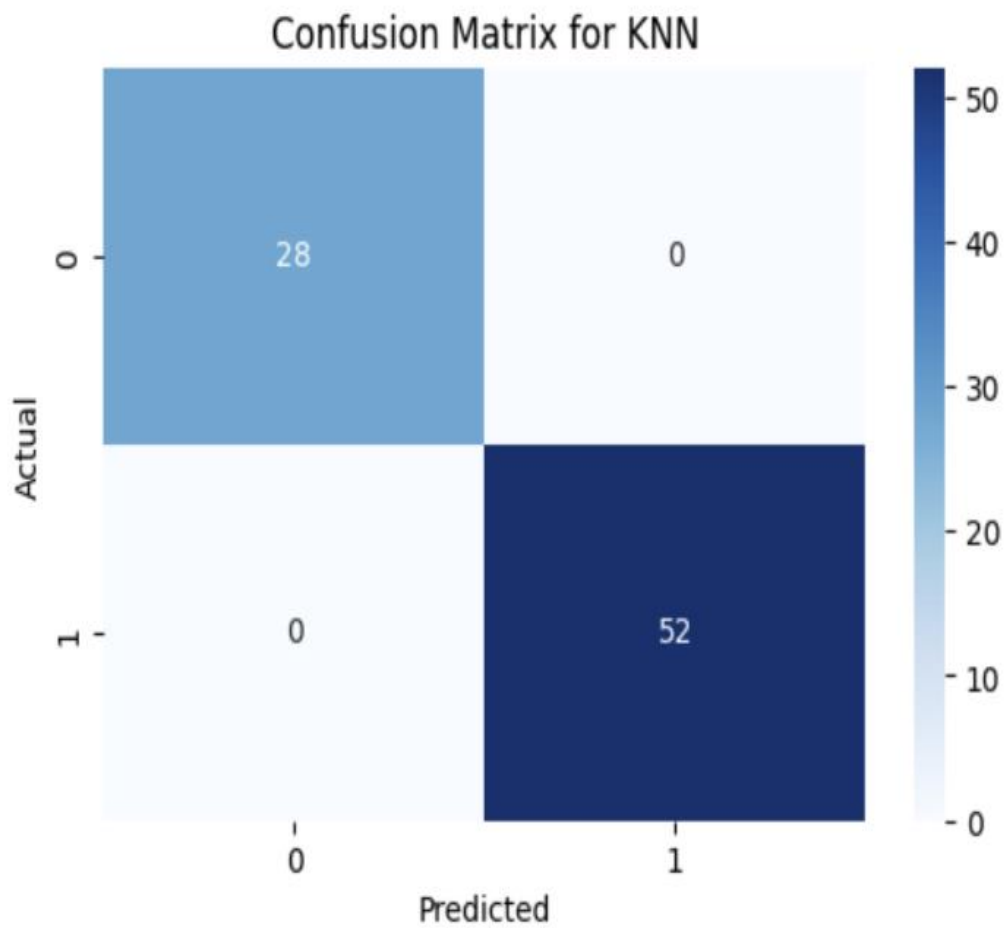KNN - Accuracy: 1.0000, Precision: 1.0000, Recall: 1.0000, F1 Score: 1.0000

Confusion Matrix for KNN

Table: Confusion Matrix for KNNWith Feature Selection