Cl\_kmeans:

Accuracy: 0.7641684158538091

Prediction time: 0.0015349388122558594 seconds

Precision: 0.827081163016539

Recall: 0.7641684158538091

F1 score: 0.7522552385604495

Tuned Cl\_kmeans:

Best parameters:

{'n': 818}

Accuracy: 0.7692307692307693

Prediction time: 0.009592056274414062 seconds

Precision: 0.7726731777364689

Recall: 0.7692307692307693

F1 score: 0.7685001169043723

Cl\_kmeans with biased classifier:

Accuracy: 0.7641684158538091

Prediction time: 0.012408733367919922 seconds

Precision: 0.827081163016539

Recall: 0.7641684158538091

F1 score: 0.7522552385604495

Tuned Cl\_kmeans with biased classifier:

Best parameters:

{'n': 125, 'threshold': 0.7657371237502058}

Accuracy: 0.8399185084578343

Prediction time: 0.013871908187866211 seconds

Precision: 0.8414533666635262

Recall: 0.8399185084578343

F1 score: 0.8397384115264953