Methode: KNN

Précision: 0.8865248226950354

Rappel: 0.9041124199214714

F1-score: 0.8952322488234091

Rapport de classification:

precision recall f1-score support

0.0 0.80 0.77 0.78 2416

1.0 0.89 0.90 0.90 4839

accuracy 0.86 7255

macro avg 0.84 0.84 0.84 7255

weighted avg 0.86 0.86 0.86 7255

Methode: Decision Tree

Précision: 0.9057668198913498

Rappel: 0.8958462492250465

F1-score: 0.9007792207792208

Rapport de classification:

precision recall f1-score support

0.0 0.80 0.81 0.80 2416

1.0 0.91 0.90 0.90 4839

accuracy 0.87 7255

macro avg 0.85 0.85 0.85 7255

weighted avg 0.87 0.87 0.87 7255

Methode: Random Forest

Précision: 0.9166165564241331

Rappel: 0.9450299648687746

F1-score: 0.9306064306064307

Rapport de classification:

precision recall f1-score support

0.0 0.88 0.83 0.85 2416

1.0 0.92 0.95 0.93 4839

accuracy 0.91 7255

macro avg 0.90 0.89 0.89 7255

weighted avg 0.91 0.91 0.91 7255

Methode: SVM

Précision: 0.8464903937607

Rappel: 0.919611489977268

F1-score: 0.8815372424722663

Rapport de classification:

precision recall f1-score support

0.0 0.81 0.67 0.73 2416

1.0 0.85 0.92 0.88 4839

accuracy 0.84 7255

macro avg 0.83 0.79 0.81 7255

weighted avg 0.83 0.84 0.83 7255

Methode: Naive Bayes

Précision: 0.6680933314924755

Rappel: 1.0

F1-score: 0.8010263201456712

Rapport de classification:

precision recall f1-score support

0.0 1.00 0.00 0.01 2416

1.0 0.67 1.00 0.80 4839

accuracy 0.67 7255

macro avg 0.83 0.50 0.41 7255

weighted avg 0.78 0.67 0.54 7255

Methode: Logistic Regression

Précision: 0.8119485294117647

Rappel: 0.9127918991527175

F1-score: 0.8594221227745888

Rapport de classification:

precision recall f1-score support

0.0 0.77 0.58 0.66 2416

1.0 0.81 0.91 0.86 4839

accuracy 0.80 7255

macro avg 0.79 0.74 0.76 7255

weighted avg 0.80 0.80 0.79 7255

Methode: Neural Network

Précision: 0.8834442427908853

Rappel: 0.9053523455259351

F1-score: 0.8942641355378649

Rapport de classification:

precision recall f1-score support

0.0 0.80 0.76 0.78 2416

1.0 0.88 0.91 0.89 4839

accuracy 0.86 7255

macro avg 0.84 0.83 0.84 7255

weighted avg 0.86 0.86 0.86 7255