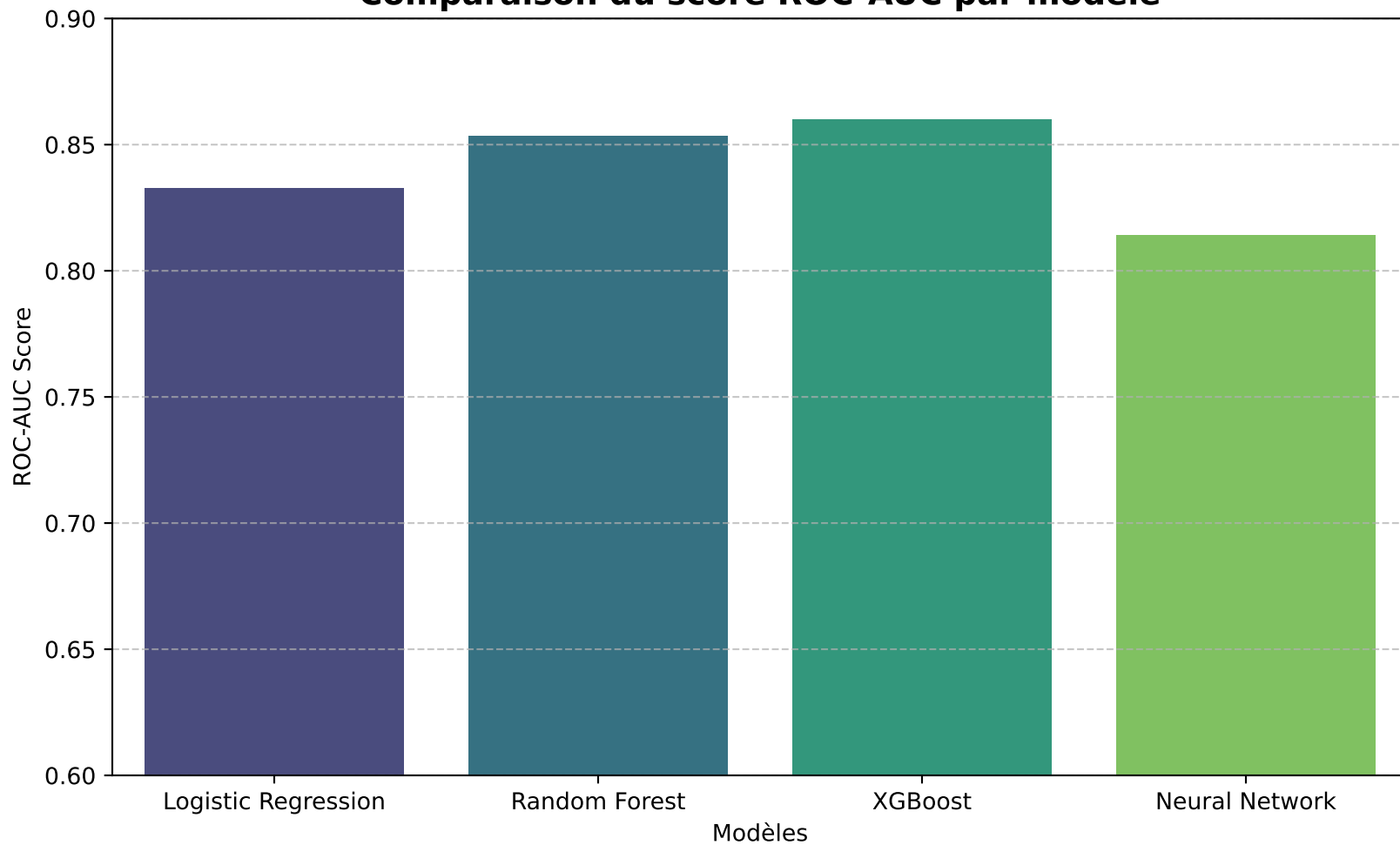
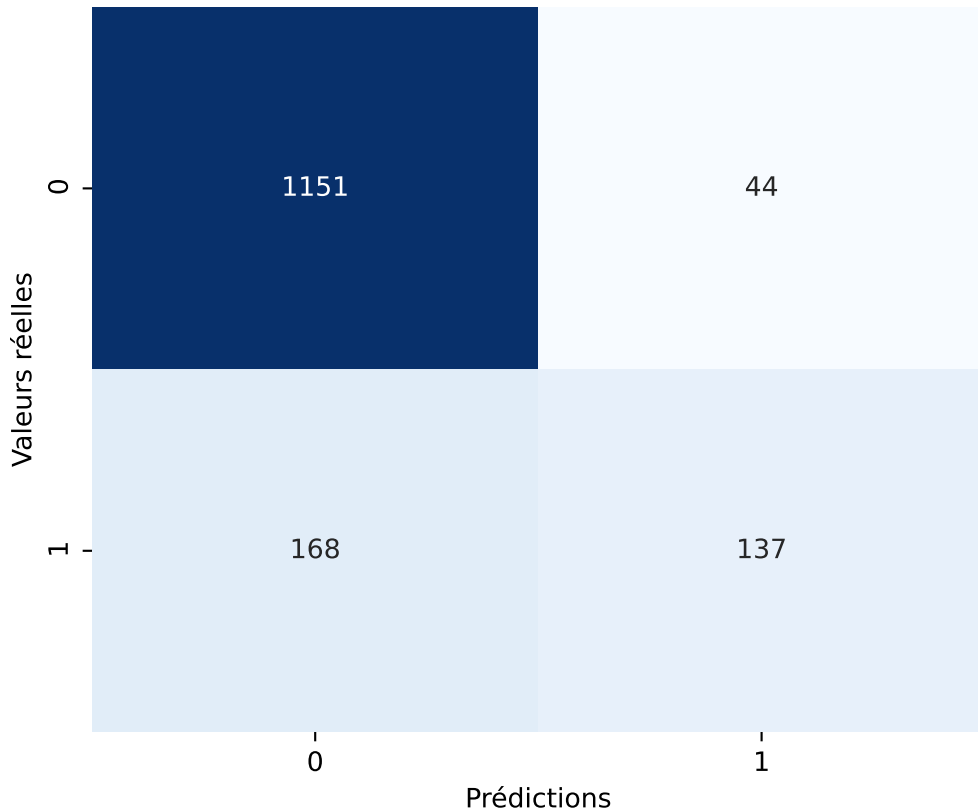


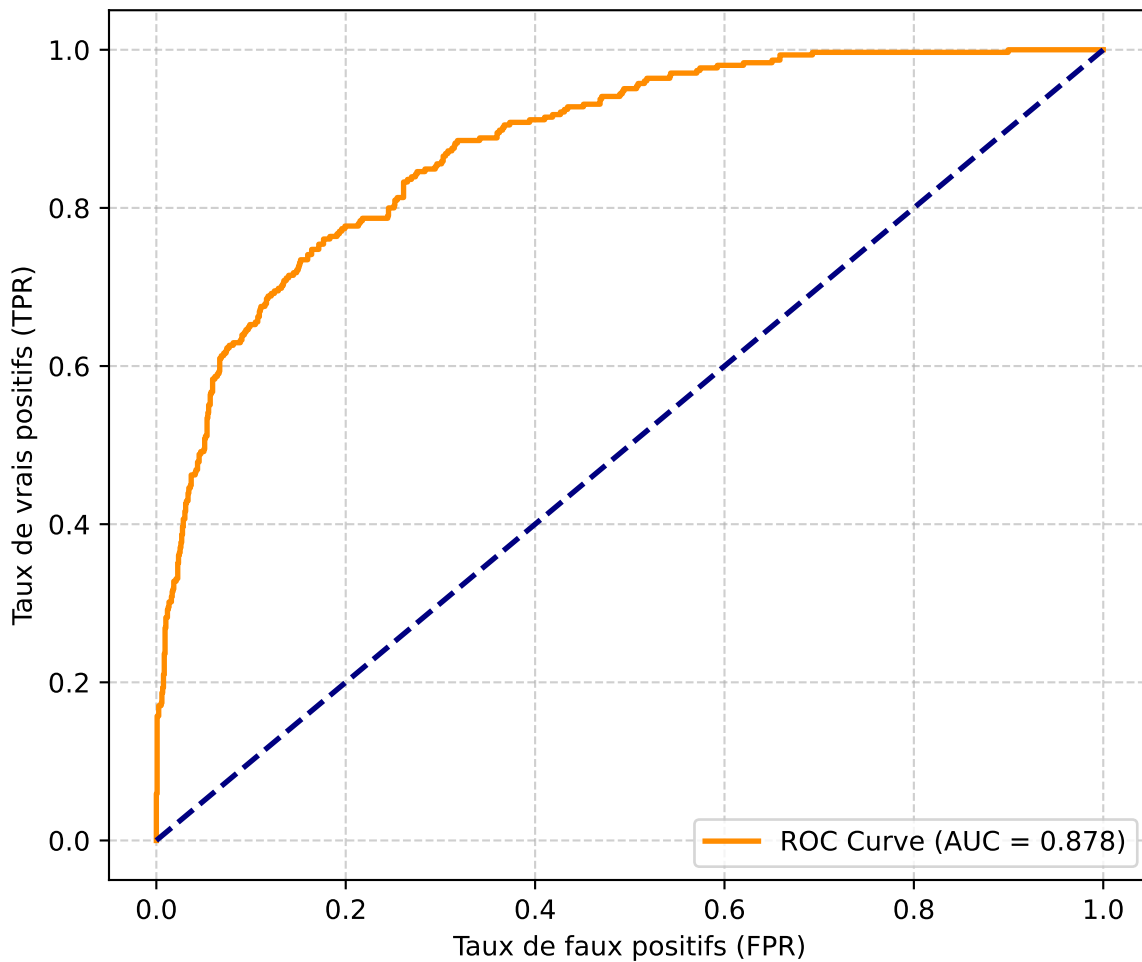
Comparaison du score ROC-AUC par modèle



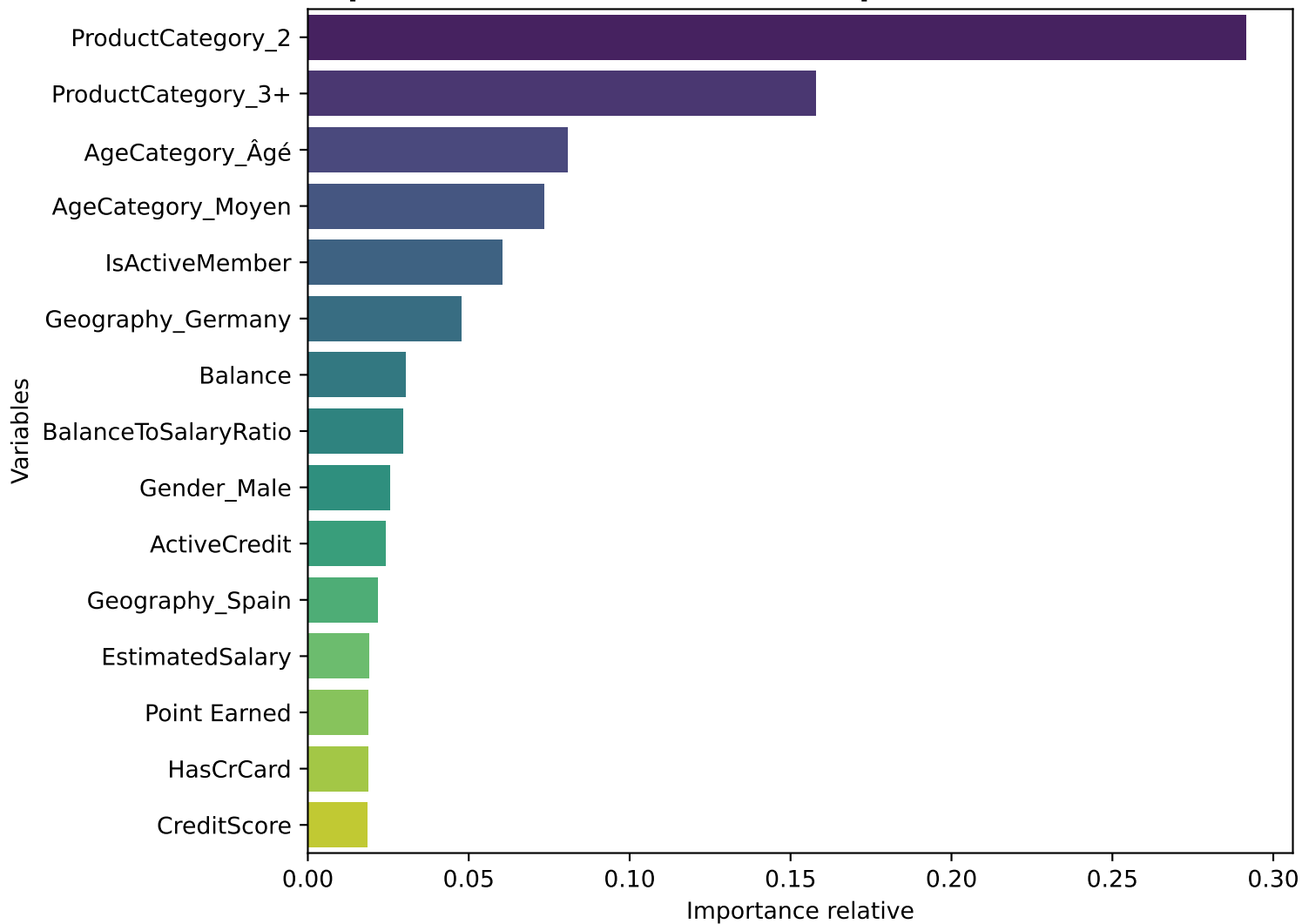
Matrice de confusion du modèle XGBoost



Courbe ROC du modèle XGBoost



Importance des 15 variables les plus influentes (XGBoost)



Résumé des performances sur le jeu de validation

Model	BestParams	Val Accuracy	Val ROC-AUC
Logistic Regression	{C: 0.1, penalty: 'l2', solver: 'liblinear'}	0.838	0.8329
Random Forest	{max_depth: 10, n_estimators: 200, min_samples_split: 2}	0.846	0.8535
XGBoost	{learning_rate: 0.1, max_depth: 5, n_estimators: 100}	0.856	0.8599
Neural Network	{activation: 'tanh', learning_rate: 0.001, hidden_layer_sizes: (50, 50)}	0.8187	0.8141