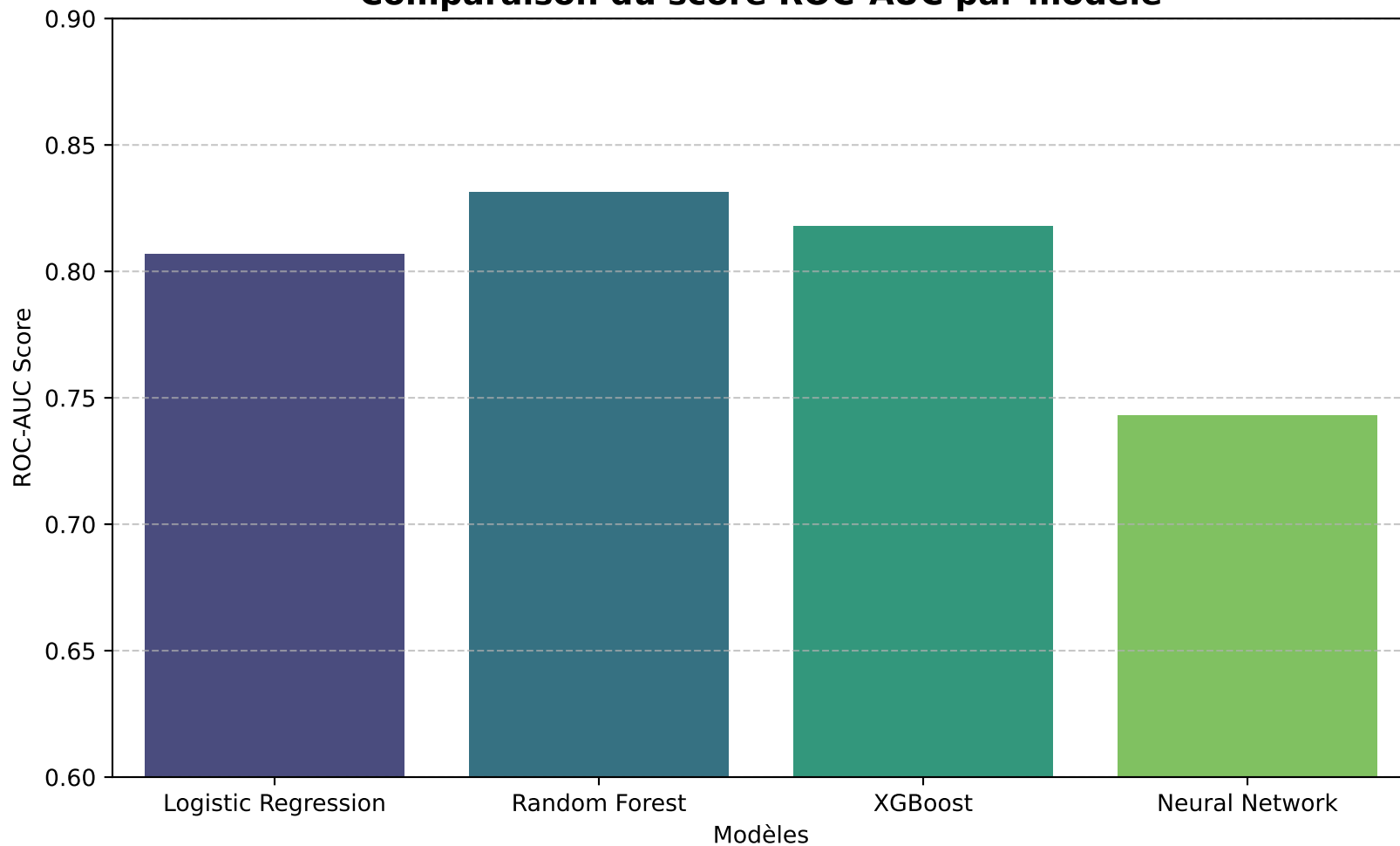
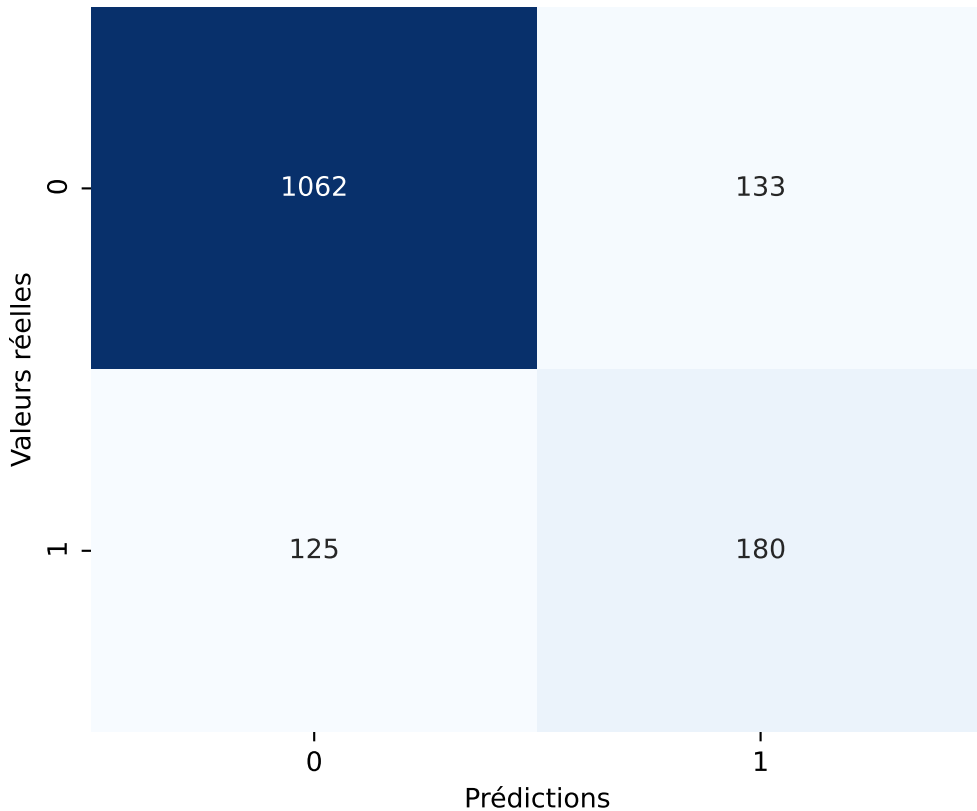


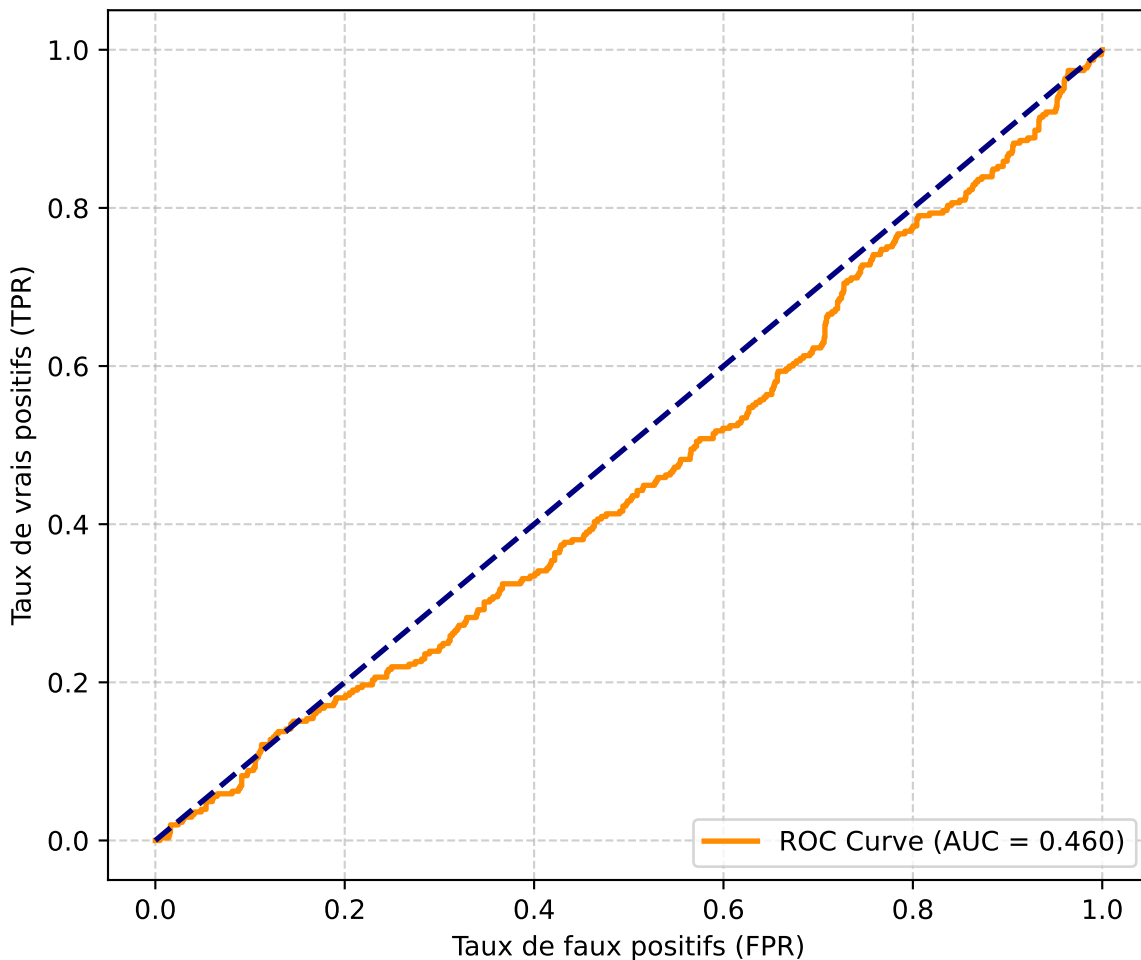
Comparaison du score ROC-AUC par modèle



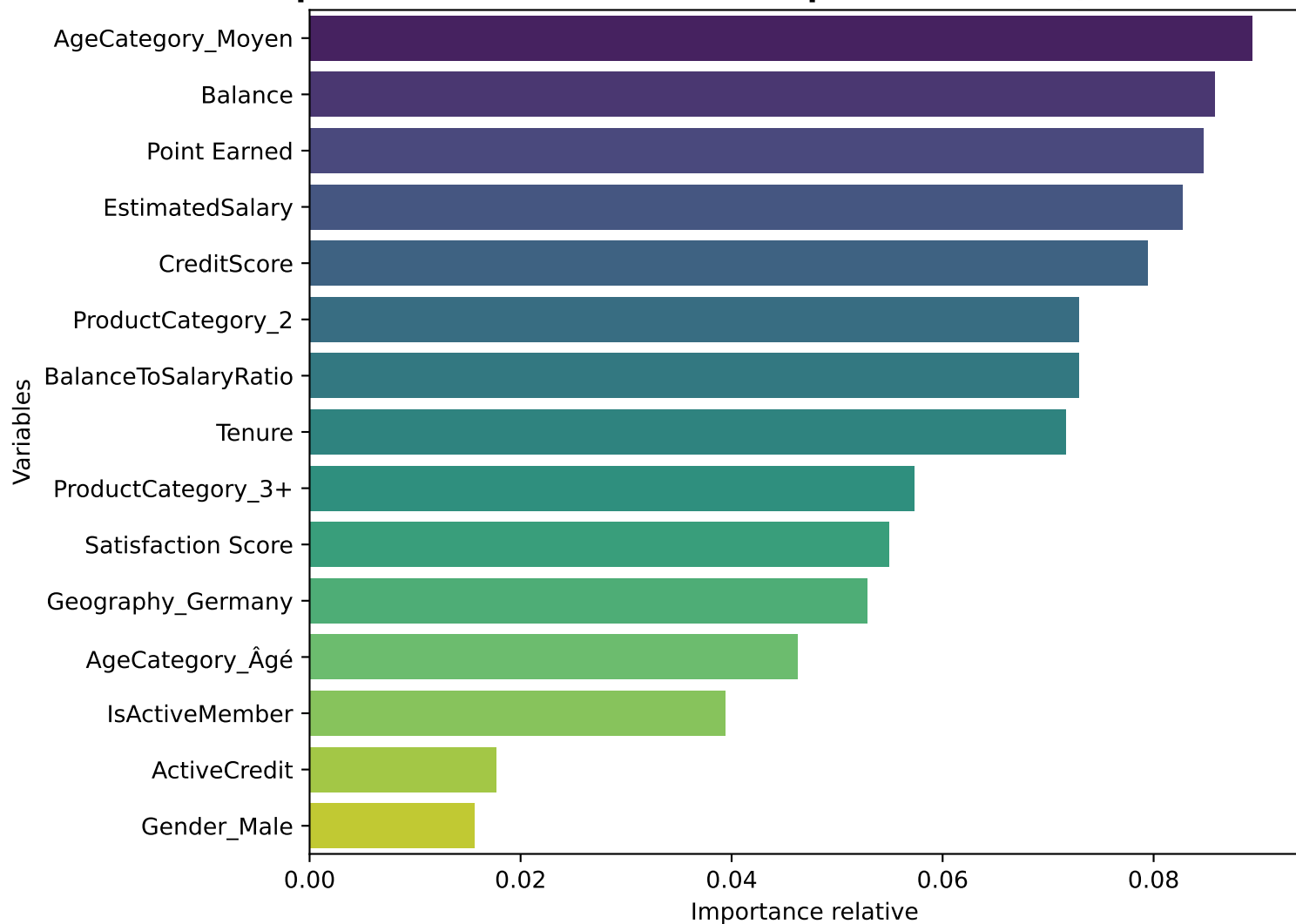
Matrice de confusion du modèle Random Forest



Courbe ROC du modèle Random Forest



Importance des 15 variables les plus influentes (Random Fores



Résumé des performances sur le jeu de validation

Model	BestParams	Val Accuracy	Val ROC-AUC
Logistic Regression	{C: 0.1, penalty: 'l2', solver: 'liblinear'}	0.749333	0.807042
Random Forest	{max_depth: 20, n_estimators: 200, min_samples_split: 2}	0.821333	0.831557
XGBoost	{learning_rate: 0.1, max_depth: 7, n_estimators: 100}	0.827333	0.817973
Neural Network	{activation: 'tanh', alpha: 0.001, hidden_layer_sizes: (100, 100)}	0.768	0.743242