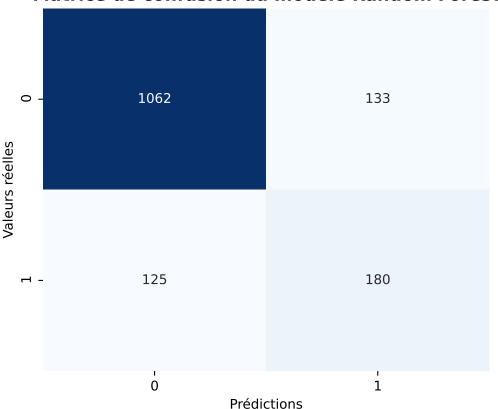
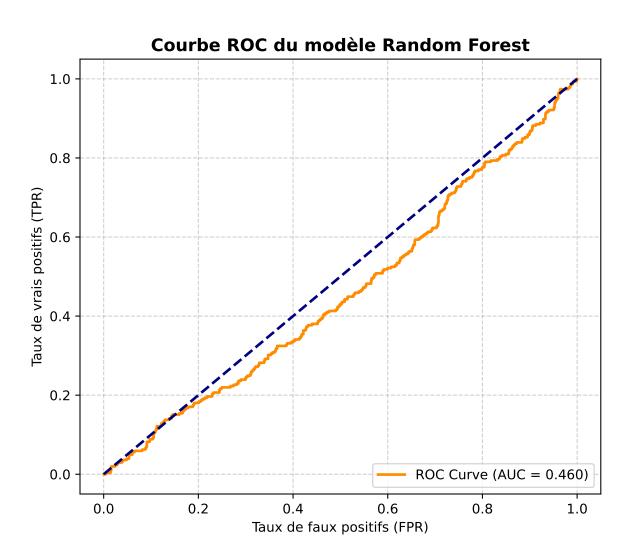


Matrice de confusion du modèle Random Forest





Importance des 15 variables les plus influentes (Random Fores AgeCategory Moyen -Balance -Point Earned -EstimatedSalary -CreditScore -ProductCategory_2 -BalanceToSalaryRatio -Variables Tenure -ProductCategory_3+ -Satisfaction Score -Geography_Germany -AgeCategory_Âgé -IsActiveMember -ActiveCredit -Gender_Male -0.02 0.04 0.06 0.08 0.00 Importance relative

Résumé des performances sur le jeu de validation

| | Model | BestParams | Val Accuracy | Val ROC-AUC |
|----|--|-----------------------------------|--------------|-------------|
| | Logistic Regressio세C: 0 | 1, penalty: 'l2', solver: 'liblir | 0.749333 | 0.807042 |
| | {max <u>R</u> ahedoth POrestestima | tors: 200, min_samples_spli | 0.821333 | 0.831557 |
| | {lea x′@Bno go_state: 0.1, m | ax_depth: 7, n_estimators: | 0.827333 | 0.817973 |
| {a | ctivati o lne:u 'italniki ęta lph a: 0.00 | 1, hidden_layer_sizes: (100, | 0.768 | 0.743242 |