Credit Scoring using Machine Learning

Yann HERENG Al engineer training OpenClassrooms github.com/yhereng/OpenClassrooms

Proof of concept for a decision-making tool controlling risk

I. IDENTIFY BUSINESS PROBLEM AND POTENTIAL VALUE

II. DATA PIPELINE

III. METRIC SELECTION

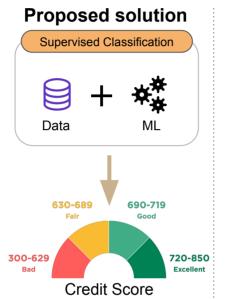
Business use case







Light Gradient Boosting









Improve risk management



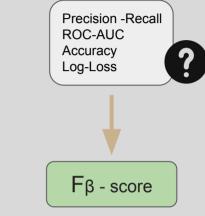
Increase regulatory compliance





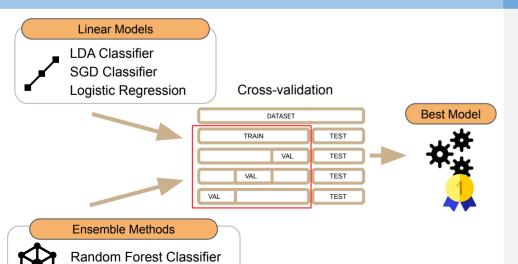
Missing value One hot encoder Label encoder Feature engineering Outliers Scale Standardize





Control over Precision and Recall Trade off Coverage / Risk

VI. MODELS EVALUATION



II. OPTIMISATION



III. MODEL EXPLAINABILITY

