

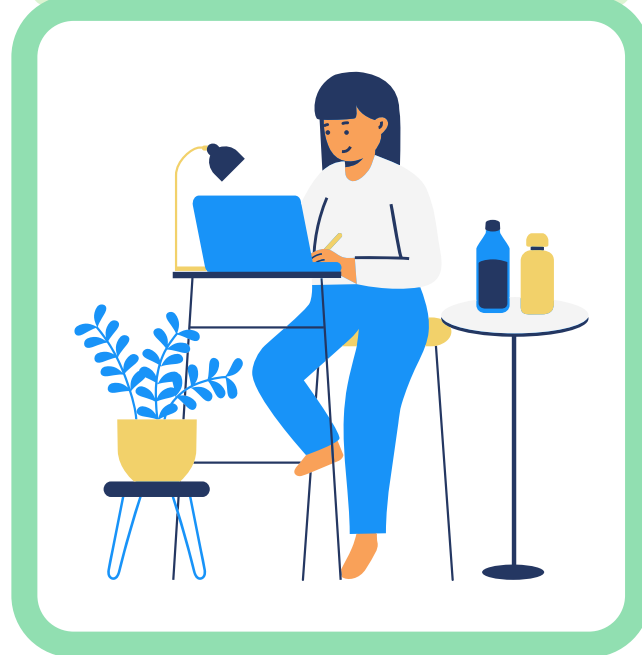
MiTiGATiNG FiNANCiAL RiSKS:

A PRiDiCTiVE MODEL FOR LOAN DEFALT PREVENTiON

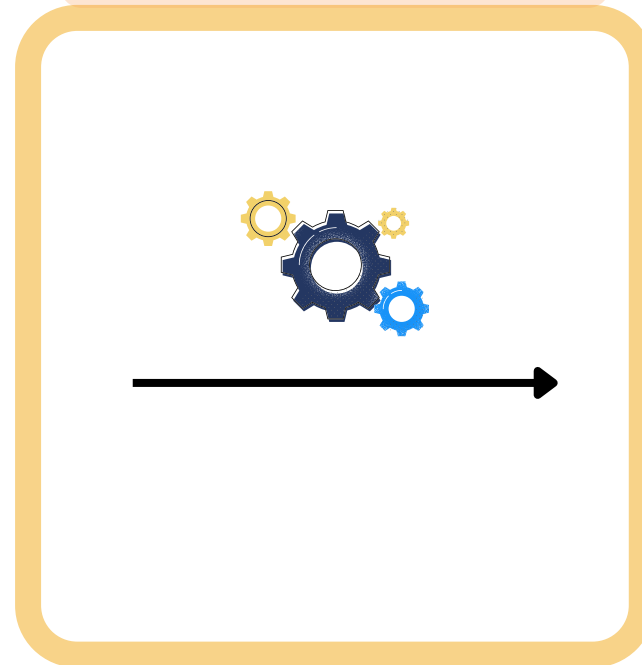
RISK MODELLING

DEFINITION

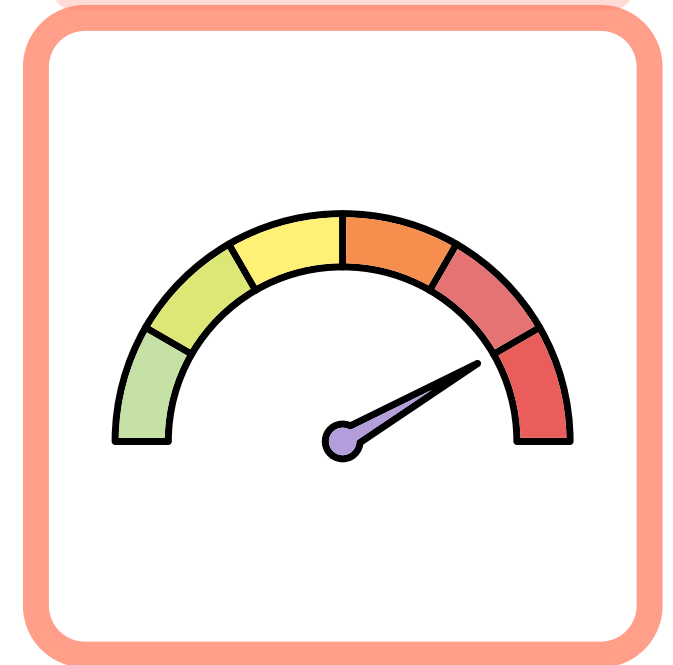
Individual seeking Credit



Assessing uncertainty



Quantifying uncertainty



RISK MODELLING

IMPORTANCE

01

RISK MITIGATION

- Risk identification
- Risk anticipation
- Impact minimization

02

PROFIT PROTECTION

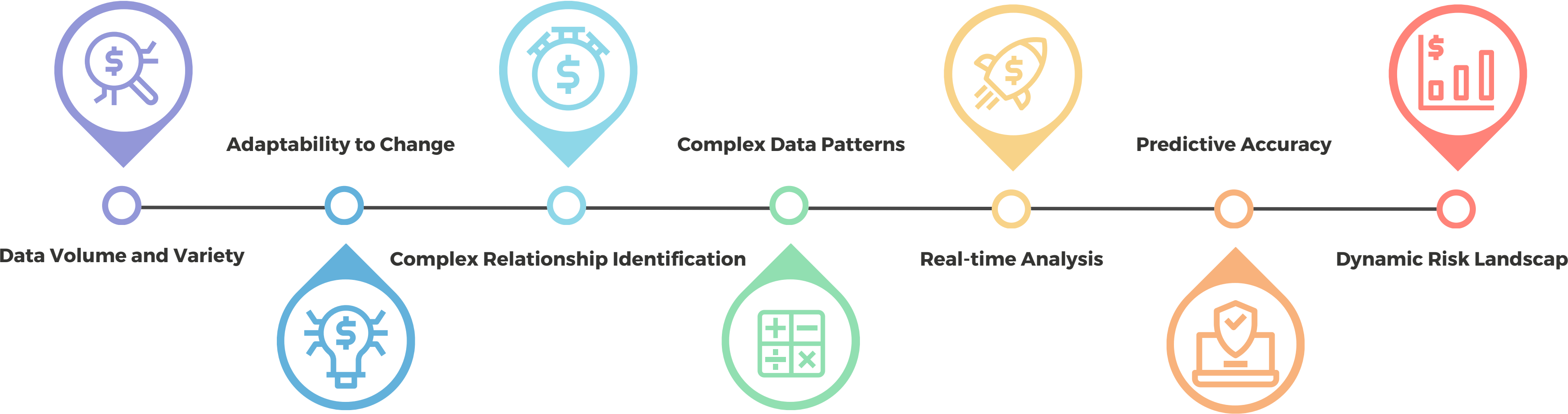
- Safeguard investments
- Foreseeing and preparing for adverse financial events

02

IMPROVED DECISION- MAKING

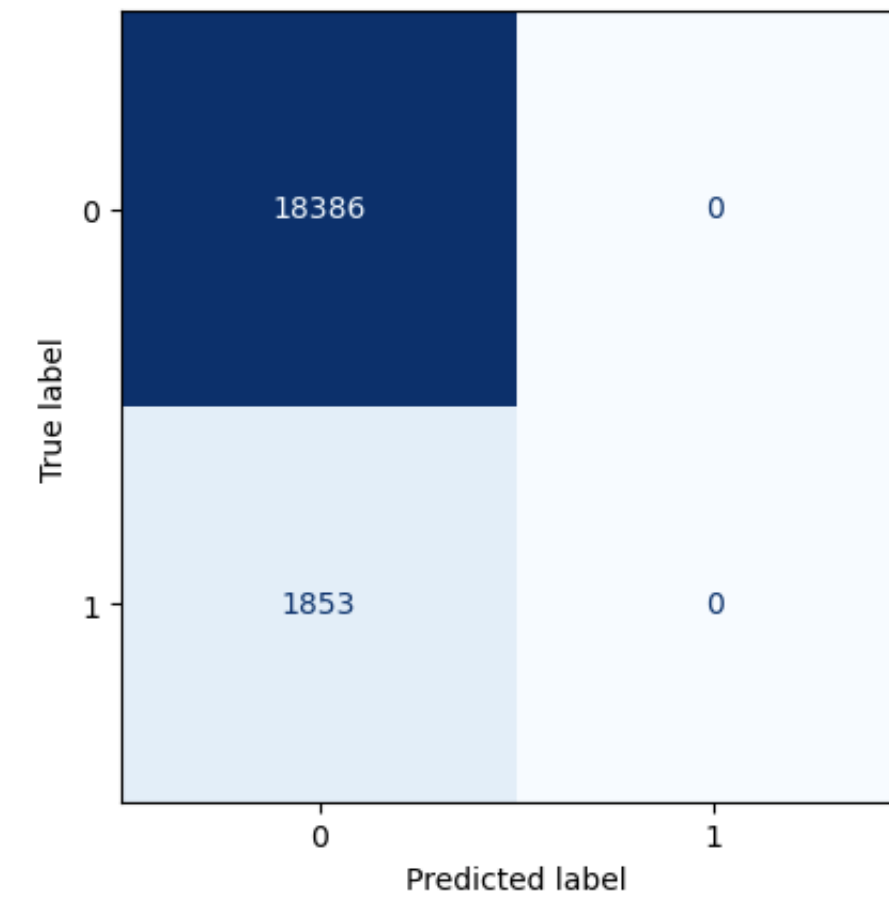
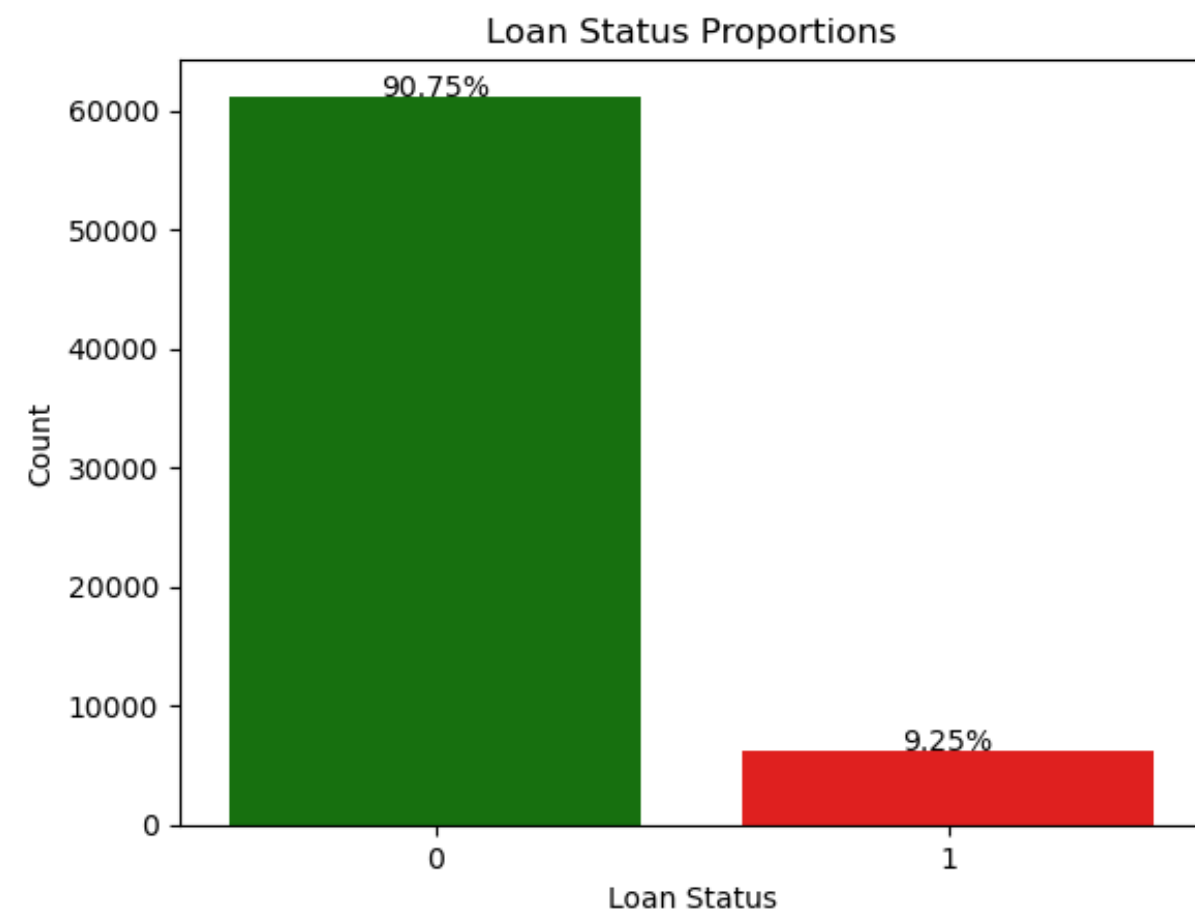
- Data-driven insights
- Informed lending strategies
- Enhanced risk assessment

RISK MODELLING
.....
MACHINE LEARNING



CHALLENGES AND CONSEQUENCES

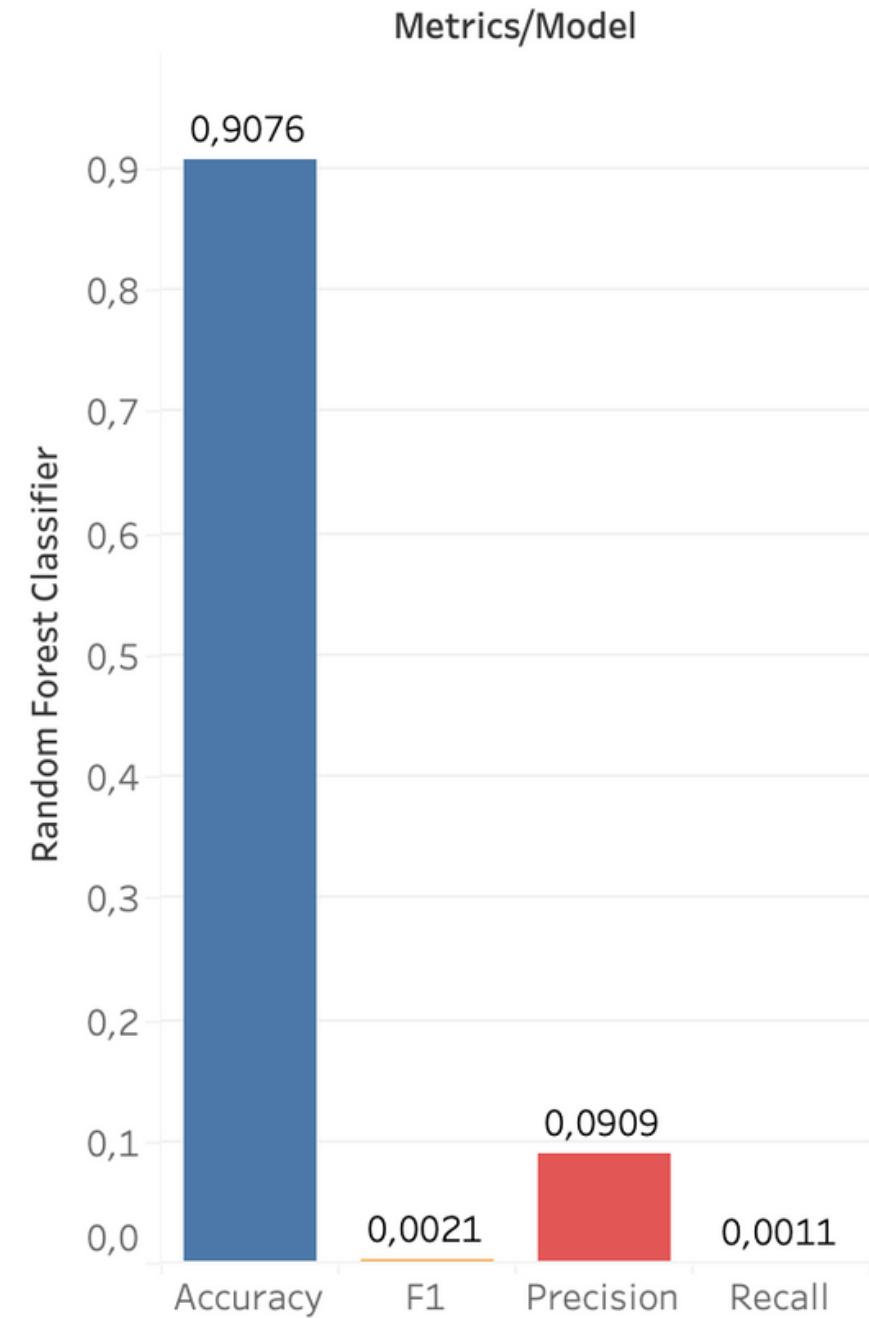
DATA IMBALANCE



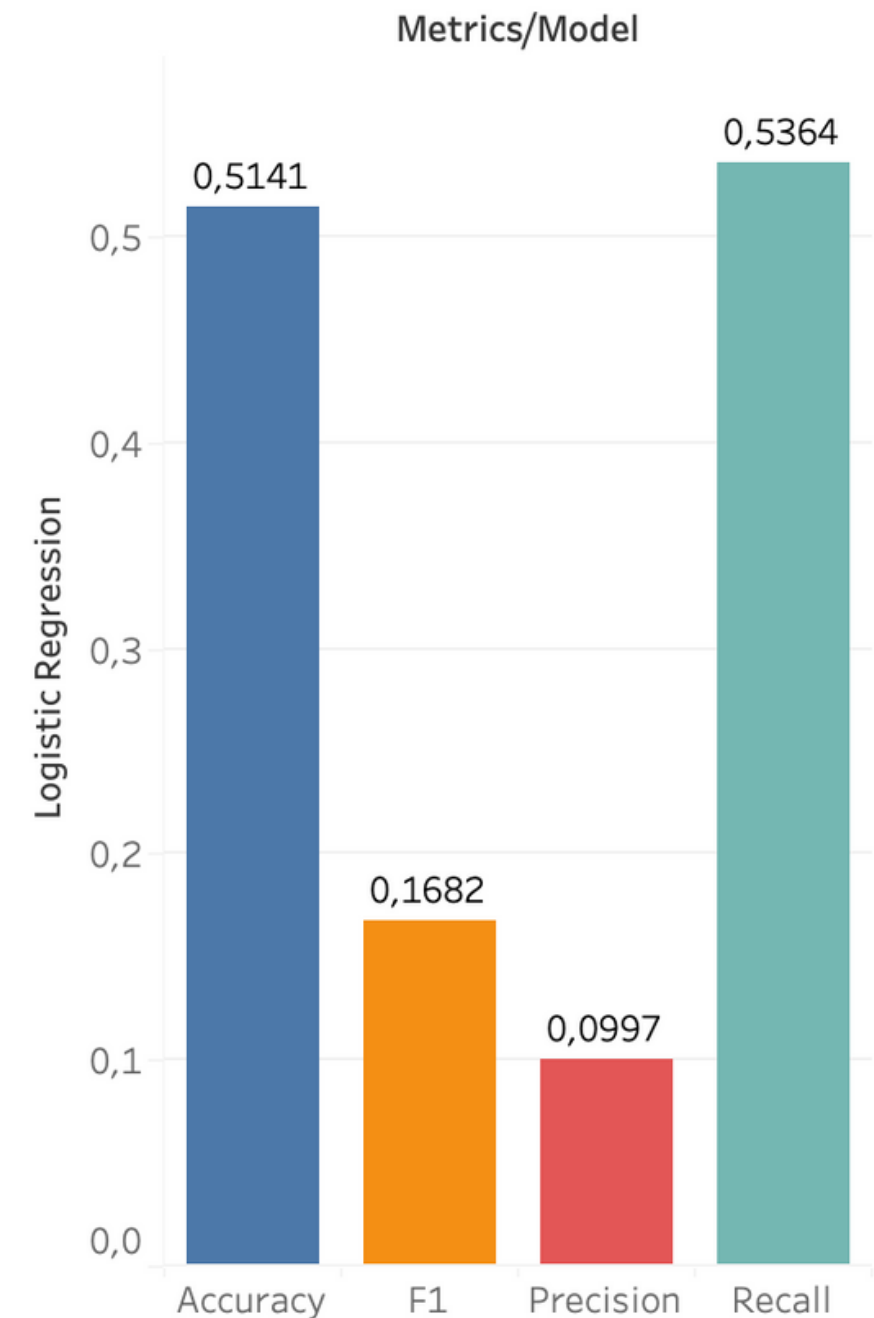
CHALLENGES AND CONSEQUENCES

CLASSIFICATION MODEL SELECTION

RFC



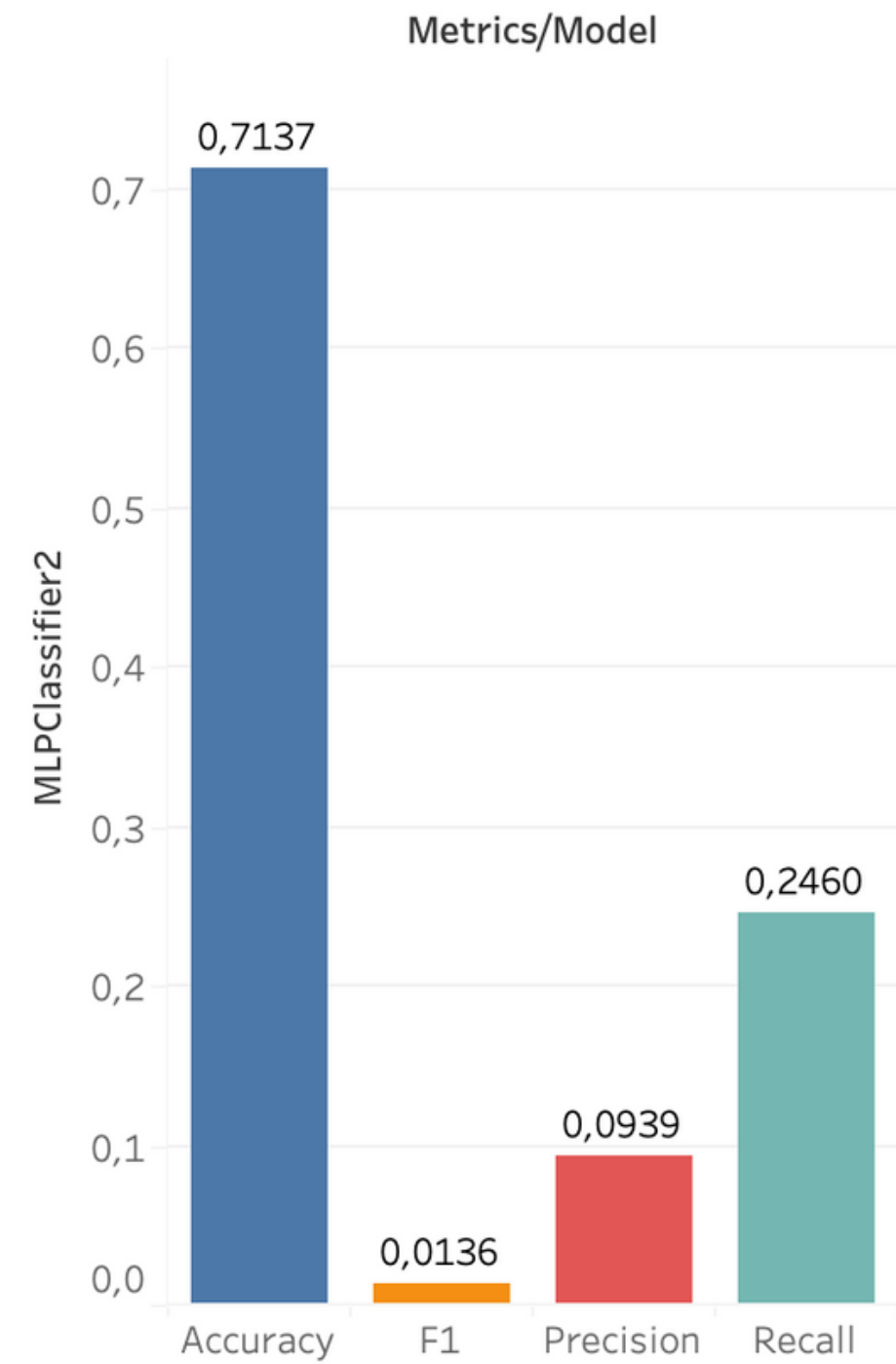
LR



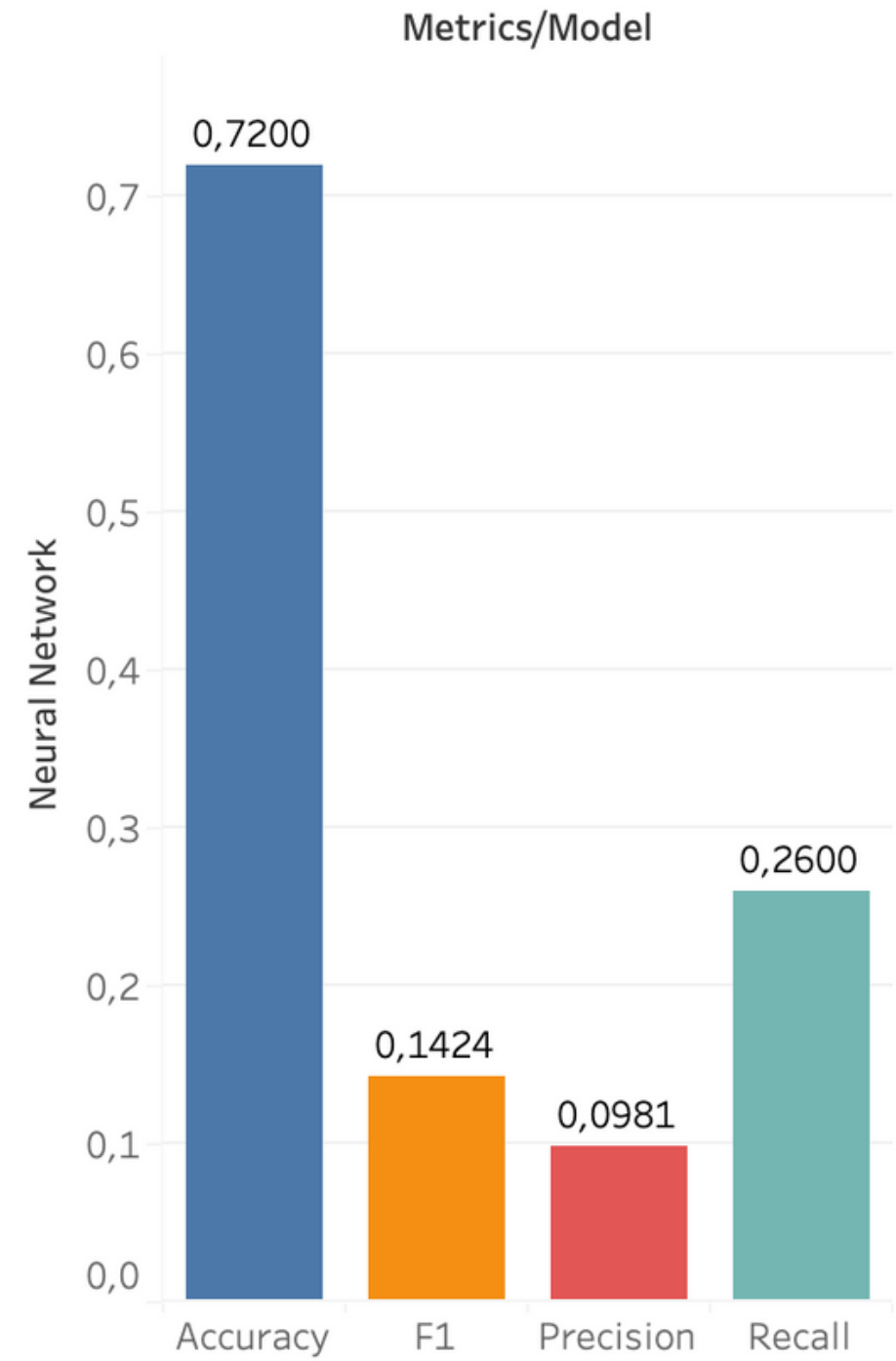
CHALLENGES AND CONSEQUENCES

CLASSIFICATION MODEL SELECTION

MLP2



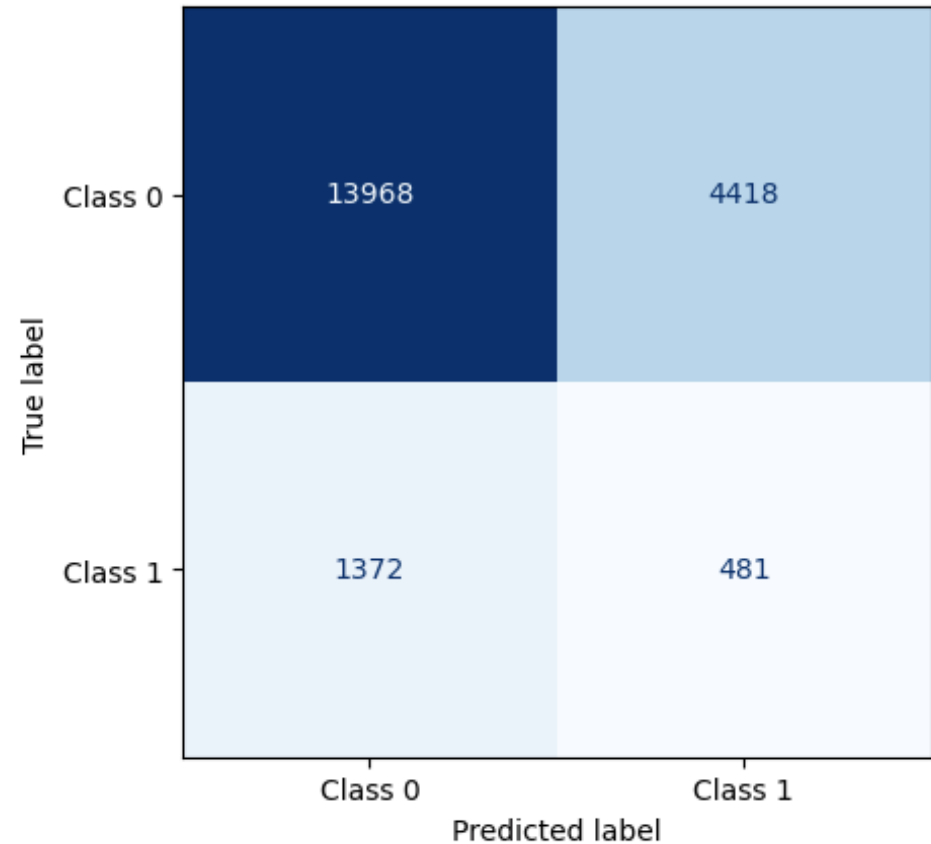
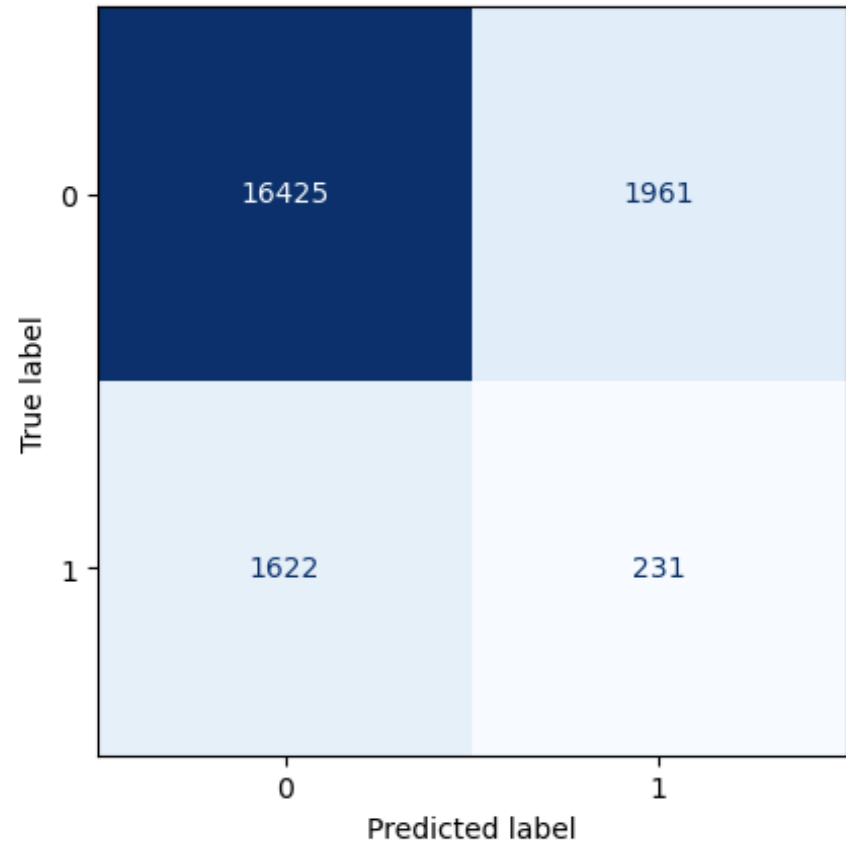
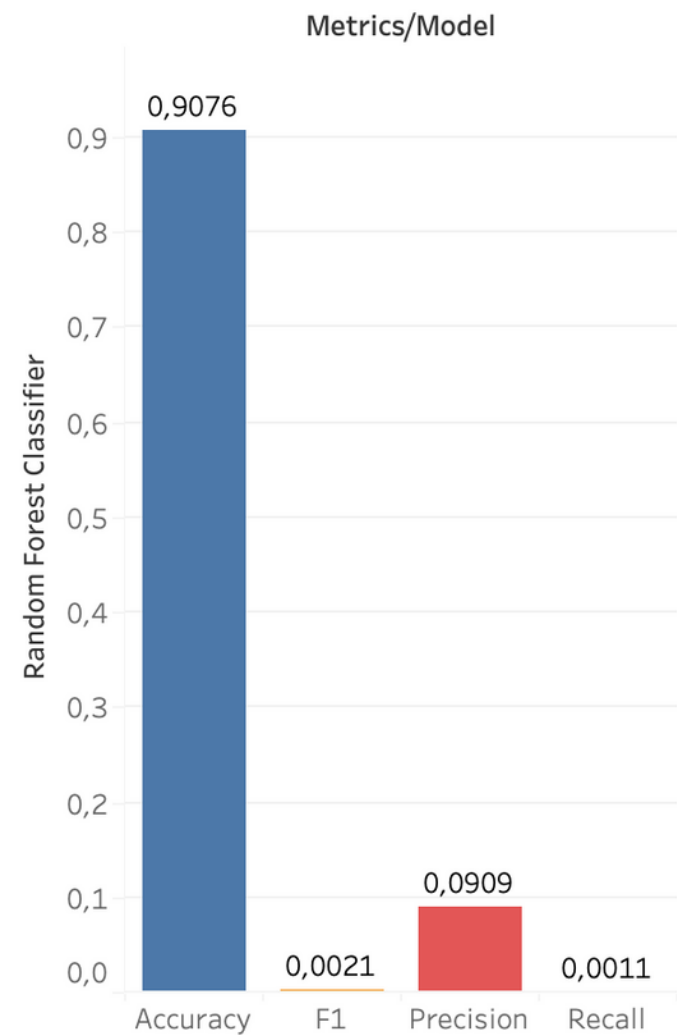
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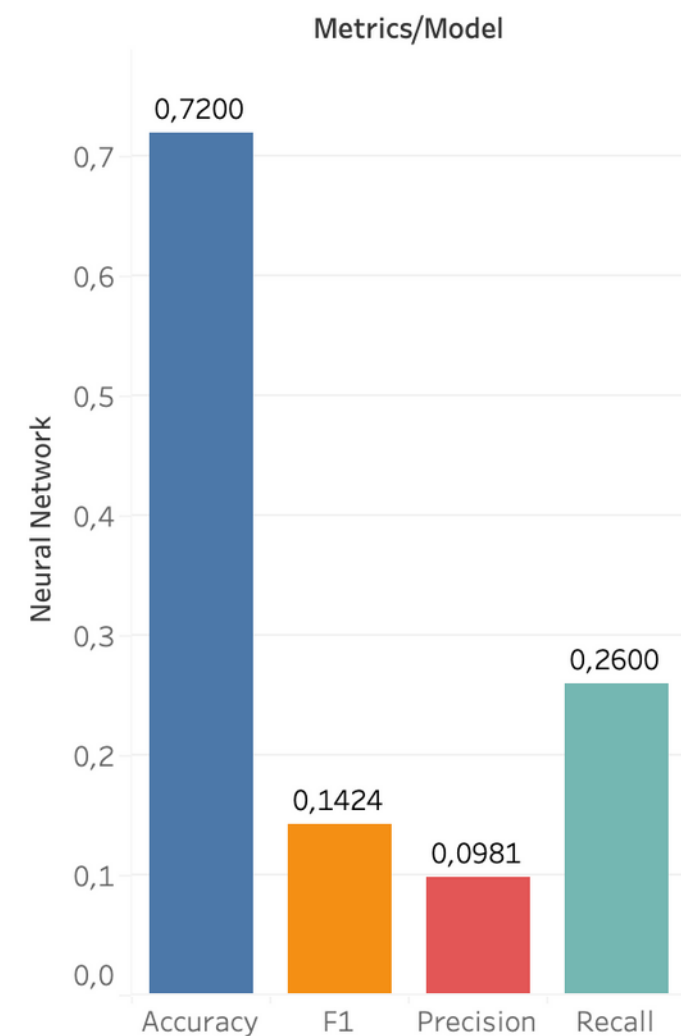
CHALLENGES AND CONSEQUENCES

RESULTS INTERPRETATION

RFC



NN



RISK MODELLING

DECISION-MAKING

