

TASK 4

CREDIT-RISK ANALYSIS

DATASET PREPROCESSING STEPS.

1-LOAD DATASET AND Extracted patches AND LABELL DISTRIBUTION

2-LOAD MODULES(RandomForestClassifier, GradientBoostingClassifier,xgboost)

MODEL SELECTION AND RATIONALE.

1-SMOTE AND EVALUATION OF MODEL

2-TRAINING AND TESTING OF DATASETS

CHALLENGES FACED

1-visualization results

SOLUTION

1-TO DIVIDE PROBLEM INTO STEP BY STEP BUT TIME-TAKING

2-USED ARTICLES AND HELP WITH AI TO CONFIGURE THESE PROBLEMS

RESULTS WITH VISUALIZE

1-RESULTS OF DIFFERENT MODELS

