

**APPLIED DATA SCIENCE**  
**SMART-LENDER APPLICANT CREDIBILITY**  
**PREDICTION FOR LOAN APPROVAL**

**LIST OF PROBLEM STATEMENTS:**

**PROBLEM STATEMENT 1:**A bank is a financial institution licensed to receive deposits and make loans needs a way to verify the customer details and their documents for getting loan because they need a trustable customer with proper documents who can repay the loan amount and interest on time.

**PROBLEM STATEMENT 2:**A lender is an individual or a financial institution that makes funds available to a person with expectation that the funds will be repaid who needs a way to easily and quickly approve the loan for an trustworthy person because manually loan approval is a time taking process.

**PROBLEM STATEMENT 3:**The lender needs a way to trust the borrower's credentials so that he can give loan to the borrower with assured repayment of the loan.

**PROBLEM STATEMENT 4:**A lender is a party who loans out money needs a way to automate the loan prediction process because he cannot easily trust the person.

**PROBLEM STATEMENT 5:**Akshay is a bank manager who needs a way to predict the loan approval of a person automatically because of the difficulty in manual loan prediction as he wants to hire highly professional individuals for approving loan and security issues.

**PROBLEM STATEMENT 6:**A bank is money lender who needs away to lend loans to its customers securely with proper interest and repayment because being impetuous might cause a lot of damage to itself.

