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

Team members	Register number
Vijay S	211419106291
Vishal R	211419106295
Sanjay B	211419106234
Raja tharun devar	211419106212

PROPOSED SOLUTION

S.NO	PARAMETER	DESCRIPTION
1.	**Problem Statement**	A bank is a financial institution licensed to receive deposits and make loans needs a way to verify and trust the customer details and their documents for getting loan because they need an trustable customer with proper assets ,cash flow, documents and background who can repay the loan amount and interest on time.

2.	Idea/Solution description	- The customer only need to enter the details,the loan approval status is then predicted automatically and quickly. - The property documents of the customer need to be submitted and the customer should agree to the terms and conditions of the bank. - The loan approval will also depend on the CIBIL score ofthe customer. - Provide captcha security - Automatic calculation of interest rate and repayment date based on loan amount. - Varies efficient machine learning algorithms can be used to predict the loan eligibility of the customer.

3.	**Novelty/Uniqueness**	• Provide customer ratings and reviews for understanding the customer. • Adding digital signature of the customer on agreementof the terms and conditions. • Provides data security.The customer details will not be shared to the third party. • ▯ Instant Loan approval status.
4.	**Social Impact**	• Easy and fast loan approvalprocess for the customer. • Approves Loan to a trustableperson. • Bank can find a genuine person to provide loan. • Secure storage of customer details.
5.	**Business Model**	• Can generate revenue through advertisement. • Can collaborate with manycompanies. • Can charge the processing fees and service fees from customer. • Can give pre payment option. • Can generate revenue

		byreferencing.
6.	**Scalability Of Solution**	- It can be provided as softwareas a service. - Both borrower and Lender can use this software. - Any type of customer can predict their loan approval without any discrimination. - Can use this software anytimeand anywhere. - This system is easily scalableand efficient. - Easy and user friendly software for all.