SMART LENDER – APPLICANT CREDIBILITY PREDICTION FOR LOAN APPROVAL

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PROPOSED SOLUTION

S.No	PARAMETER	DESCRIPTION
1.	Problem statement	Smart Lender – A Machine Leaning model for applicant credibility prediction
2.	Idea/ Solution Description	By using a machine learning algorithm known as linear regression, we get an idea of how the process is about to be modelled in the following ways: 1. The various liability checks, employment status, credit history and other such aspects that affect process are rated on a scale of 1 to X. 2. These numbers are introduced as variables and they are graphed against each other in a regressive manner, with all the relations between each of the variables 3. The final graph that contains all the variables and their relations plotted against each other gives a straight line which depicts a final value. 4. We then find the maximum or almost maximum range of the final value by giving the variables various use case test values. 5. The Range is then measured on a scale of 1 to 10 for easier understanding.
3.	Novelty/Uniqueness	Predicts the eligibility of the user in an efficient, orderly, and timely manner.
4.	Social Impact/ Customer Satisfaction	Stakeholders need not worry about the Monotonous process of manual credibility assessment.
5.	Business Model/ Revenue Model	The royalties and network traffic by integrating the model to existing services will act as revenue.
6.	Scalability of the solution	As the app is based on ML it is scalable.