

# Loan Prediction System using Machine Learning

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**Abstract:** *As per growing demands of people for getting a loan. Nowadays with the increase in Banking sector Many peoples are applying for loans in a bank. Everyday bank get many application forms for a loan. All these loans are not approvable. The primary source of income is derived from the interest earned on loans.*

*The main objectives of banks is to invest their assets in safe customers. Today many banks approve a loan after many process of verification and validation but still there is no guaranty that selected customer is safe or not.*

*Getting a loan can be a big deal for people. Sometimes, it's hard to know if a bank will approve your loan or not. That's where our project comes in. We used computer magic (called machine learning) to build a system that can guess whether a bank will say "yes" or "no" to your loan request.*

*We fed the computer a bunch of information, like how much money you make, your credit score history, and other stuff about you. Then, it learned from that data to make predictions. If you have a good chance of getting a loan, our system will say "yes." If not, it will say "no."*

*We tested our system on lots of examples to make sure it's good at predicting. It's like having a helpful friend who can give you an idea if you'll get that loan or not. This can save you time and stress when you're thinking about getting a loan. It's like having a loan expert in your pocket!*

**Keywords:** Machine Learning, Loan Sanction, Support Vector Machine.

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