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**Bank Loan Approval Prediction Using
Machine Learning Approach**

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Abstract

The data is expanding at such a rapid rate in banks nowadays, bankers must examine a person's data before granting a loan amount, there is always a major risk associated when a financial institution lends money to them. The evaluation of data can be a real pain. The data is analyzed and trained using one of the Machine Learning techniques to solve this problem. For this, we created a model to predict the loan amount and display the loan eligibility. The primary goal of this study is to determine whether or not a person is eligible for a loan by analyzing the data using Random Forest, which can provide an accurate prediction.

Keywords—Bank Loan, Machine Learning, Random Forest, Data training

Subject Descriptor

Computing Methodologies > Machine Learning

Computing Methodologies > Machine Learning > Machine Learning Approach > Classification and Regression trees