Credit Scoring using Machine Learning Techniques

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Abstract

Lenders such as banks and credit card companies while reviewing a client’s request for loan use credit scores. Credit scores help measure the creditworthiness of the client using a numerical score. Now it has been found out that the problem can be optimized by using various statistical models. In this study a wide range of statistical methods in machine learning have been applied, though the datasets available to the public is limited due to confidentiality concerns. Problems particular to the context of credit scoring are examined and the statistical methods are reviewed.

References

2. West, Jarrod, and Maumita Bhattacharya. "Some Experimental Issues in Financial Fraud
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Index Terms

Computer Science
Information Sciences

Keywords

Data Mining, Credit Scoring, Logistic Regression, LDA, XGBoost, Random Forest.