SMART LENDER-APPLICANT CREDIBILITY PREDICTION FOR LOAN APPROVAL

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LITERATURE SURVEY

Nikhil Bansode, Adarsh Verma, Abhishek Sharma and Varsha Bhole, “PREDICTING LOAN APPROVAL USING ML”, International Research Journal of Modernization in Engineering Technology and Science, volume: 4, issue: 5, pp: 375-382, May 2022.

Description:

This system would be able to determine the status of the loan whether it would get approved or denied swiftly in real time. It displays accuracy with various algorithms. They have compared the Logistic regression algorithm to two other algorithms, random forest and decision tree. However, of all the algorithms, Logistic regression has the highest accuracy. Also, it can fill the missing values of the datasets, treat categorical values, scalability problems, overfitting problems and provide a good visualization of the data using a confusion matrix.

LITERATURE SURVEY

Dr.C K Gomathy, Ms.Charulatha,Mr .Aakash ,Ms.Sowjanya, “THE LOAN PREDICTION USING MACHINE LEARNING”, International Research Journal of Engineering and Technology (IRJET), volume: 8, issue: 10, pp: 1322-1329, Oct 2021.

Description:

From a proper analysis of positive points and constraints on the member, it can be safely concluded that the product is a considerably productive member. This system is working duly and meeting to all Banker requisites. This member can be freely plugged in numerous other systems. There have been mathematics cases of computer glitches, violations in content and most important weight of features is fixed in automated system.

LITERATURE SURVEY

L. Udaya Bhanu ,Dr. S. Narayana, “Customer Loan Prediction Using Supervised Learning Technique”, International Journal of Scientific and Research Publications, volume: 11, issue: 6, pp: 403-407, June 2021.

Description:

In this paper, they have proposed customer loan prediction using supervised learning techniques for loan candidate as a valid or fail to pay customer. Various algorithms were implemented to predict customer loan. Optimum results were obtained using Logistic Regression, Random Forest, K-Nearest Neighbor, SVM and Decision Tree classifier. Compare these five algorithms random forest is the high accuracy. From a correct analysis of positive points and constraints on the part, it can be safely ended that the merchandise could be an extremely efficient part.