ABSTRACT

The bank's primary operation is lending. The main source of income is the interest on the loan. A loan is only approved by the lending companies after a comprehensive evaluation and verification process. They cannot, however, ensure that the borrower will repay the loan without incident. The tasks at hand involve predicting which customers will be authorized for a loan and verifying the explanations for why one would not. To decide whether or not a borrower would be able to return the loan to the lender, a prediction system will be developed. For this the data is needed so that one can do a detailed analysis and deploy distinct machine learning models for the prediction of granting the loan. In this study, MultiLayer Perceptron algorithm was used to develop the prediction model and the results came out to be 80% accurate.