

Form 2:Literature Documents

1.Team No: 9

2. Project Title: Loan Approval Prediction using Deep Learning and Data Storage using Blockchain

Comparison of Existing Methods

Slno	Author (s)	Method	Advantages	Disadvantages
1	Vadipina Amarnadh Nageswara Rao Moparthi	Assessment of Credit Risk using an Adaptive Binarized Spiking Marine Predators' Neural Network	Using deep learning techniques which performs with high accuracy.	It can be further developed with blockchain for data storage and security
2	Viswanatha V, Ramachandra A.C, Vishwas K N and Adithya G	Random Forest, Naive Bayes, Decision Tree, and KNN.	Random forest gives highest value of accuracy	The accuracy can still be improved using deep learning techniques
3	Anurima Majumdar, Romik Banerjee, Rounak Ghosh	Decision Tree	User-friendly application. This system properly and accurately calculates the result	Deep learning techniques can perform better than decision tree algorithms
4	Mamatha, Madhura, Mahalakshmi Mukri	Logistic regression Random forest SVM K Neighbors Decision tree	Logistic regression has good accuracy in the methods	84% of accuracy is lesser compared to tackling real-world problems.

**Signature
Supervisor**