

PROJECT TITLE:

# CREDIT WORTHINESS EVALUATION

PROJECT REPORT FINAL

Unlocking Financial Confidence: Your Trustworthy Partner in Credit Worthiness Evaluation.

## PROJECT DETAILS

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## **ABSTRACT**

This research focuses on the development of a predictive model leveraging machine learning algorithms to assess an individual's creditworthiness, specifically their ability to repay a loan. The binary target variable categorizes individuals as either "Unable to pay the loan" (labeled as 1) or "Able to pay the loan" (labeled as 0). The dataset comprises a diverse set of features, including gender, salary, details about the individual's residence, familial information, marital status, and more.

The primary objective is to employ sophisticated machine learning techniques to analyze these features systematically and identify patterns indicative of financial stability or risk. By doing so, the model aims to provide financial institutions with a robust tool for making informed decisions on loan approvals, ultimately contributing to more accurate assessments of an individual's creditworthiness.

Through the careful examination of various attributes, our research seeks to enhance the accuracy and efficiency of credit evaluations. The findings from this study have the potential to revolutionize the loan approval process, allowing financial institutions to optimize risk management and better serve their customers.

## TABLE OF CONTENTS

CHAPTER	TITLE	PAGE NO
	ABSTRACT	i
	LIST OF TABLES	v
	LIST OF FIGURES	vi
	LIST OF ABBREVIATIONS	vii
1	INTRODUCTION	1
1.1	Problem Definition	1
1.2	Motivation / Challenges	2
2	LITERATURE SURVEY	5
2.1	Survey	5
2.2	Findings	8
2.3	Objectives of the work	9
3	PROPOSED WORK	10
3.1	Architecture of the System	10
3.2	Phases	10
3.3	Algorithm Design	11
3.3.1	Decision Tree	11
3.3.2	Random Forest	12
3.3.3	Logistic Regression	13
3.3.4	Hybrid Classifier	15
3.4	Data Set Description	16
4	Results & Inferences	19
4.1	Confusion Matrix	19
4.2	Results & Discussion	21
4.3	Results Obtained	22

5	Conclusion & Future Enhancement	27
6	References	29

## LIST OF TABLES

TABLE NO	TITLE	PAGE NO
1	Results comparison from dataset-1	22
2	Results comparison from dataset-2	22

## LIST OF FIGURES

FIGURE NO	TITLE	PAGE NO.
1	The architecture of the system	10
2	Sigmoid function	14
3	Ensemble Method	15
4	Stacking Classifier	16
5	Statistical Description	16
6	Confusion Matrix	19
7	Pie-Chart	23
8	Heat Map	24
9	Accuracy Comparison Plot for Dataset – 1	24
10	Accuracy Comparison Plot for Dataset – 2	25

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FIGURE NO	TITLE	PAGE NO.
1	The architecture of the system	10
2	Sigmoid function	14
3	Ensemble Method	15
4	Stacking Classifier	16
5	Statistical Description	16
6	Confusion Matrix	19
7	Pie-Chart	23
8	Heat Map	24
9	Accuracy Comparison Plot for Dataset – 1	24
10	Accuracy Comparison Plot for Dataset – 2	25