< Thesis Title (clear and concise) >

Thesis submitted to the
ICFAI Foundation for Higher Education
for the award of the degree of
Bachelor of Technology
In

Artificial Intelligence and Data Science

Submitted by

< Full Name>

<Enrollment Number>

Under the Guidance of

< Supervisor's Name>

(Associate Professor)

Department of Artificial Intelligence and Data science



The ICFAI Foundation for Higher Education

Donthanapally, Shankarapalli Road, Telangana, Hyderabad - 501203, India.

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BONAFIDE CERTIFICATE

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Place	

SUPERVISOR

Associate Professor
Department of Artificial Intelligence and Data Science
ICFAI FOUNDATION FOR HIGHER EDUCATION

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a. The work contained in the thesis is original and has been done by myself under the

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b. The work has not been submitted to any other Institute for any degree or diploma.

c. I have confirmed to the norms and guidelines given in the Ethical Code of Conduct of the

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d. Whenever I have used materials (data, theoretical analysis, and text) from other sources, I

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in the references.

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f. From the plagiarism test, it is found that the similarity index of the whole thesis within

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Name

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Abstract

Cyber money laundering poses a significant threat to the integrity of financial systems worldwide, with criminals leveraging digital channels to conceal the origins of illicit funds. This project endeavors to develop a robust solution for cyber money laundering detection using machine learning techniques. The process begins with the collection of diverse datasets comprising financial transaction records, encompassing variables such as transaction amounts, timestamps, account details, and transaction descriptions. Following data collection, extensive preprocessing is conducted to cleanse and standardize the data, ensuring its suitability for subsequent analysis. Feature engineering techniques are then applied to extract meaningful insights from the dataset, enhancing the discriminative power of the machine learning models

Keywords:

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Chapter 1:

Introduction

- Introduction to the topic
- Motivation behind the work
- Problem Statement
- Objectives of the study
- Scope of the project
- Organization of the report

Chapter 2:

Literature Review

- Review of related work
- Overview of relevant technologies/frameworks
- Comparison between existing approaches
- Research gaps

Chapter 3:

System Design / Methodology

- System Architecture / Flowcharts
- Algorithms used (with explanations)
- Tools, languages, frameworks used
- Database Design (ER diagrams, schema)
- Development methodology

Chapter 4:

Implementation

- Description of implementation process
- Screenshots of the UI or tool developed
- Testing strategies (unit, integration, system testing)

Chapter 5:

Results and Evaluation

- Performance evaluation (accuracy, execution time, etc.)
- Test cases and outcomes
- Graphs, charts, tables
- Comparative analysis with existing systems (if applicable)
- Challenges faced during implementation

Chapter 6:

Conclusion and Future Work

- Recap of objectives and how they were met
- Limitations of the current system
- Suggestions for future improvement/expansion

REFERENCES

[1] J. Gao, Z. Zhou, J. Ai, B. Xia, and S. Coggeshall, "Predicting credit card transaction fraud using machine learning algorithms," J. Intell. Learn. Syst. Appl., vol. 11, no. 3, pp. 33–63, 2019. [2] Y. Bengio, A. Courville, and P. Vincent, "Representation learning: A review and new perspectives," IEEE Trans. Pattern Anal. Mach. Intell., vol. 35, no. 8, pp. 1798–1828, Aug. 2013. [3] A. Coates, A. Ng, and H. Lee, "An analysis of single-layer networks in unsupervised feature learning," in Proc. 14th Int. Conf. Artif. Intell. Statist., JMLR Workshop Conf., 2011, pp. 215–223.