



UNIVERSITY OF BIRMINGHAM

SCHOOL OF COMPUTER SCIENCE
COLLEGE OF ENGINEERING AND PHYSICAL SCIENCES

MSc. PROJECT

Machine Learning & Deep Learning Approaches to Predict Credit Card Default

Submitted in conformity with the requirements
for the degree of MSc. Artificial Intelligence & Computer Science
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Abstract

The material contained within this report has not previously been submitted for a degree at the University of Birmingham or any other university. The research reported within this report has been conducted by the author unless indicated otherwise.

Declaration

The material contained within this report has not previously been submitted for a degree at the University of Birmingham or any other university. The research reported within this report has been conducted by the author unless indicated otherwise.

Signed Sarathkumar Padinjare Marath Sankaranarayanan

“You have to learn the rules of the game.
And then you have to play better than anyone else”

ALBERT EINSTEIN

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Table of Abbreviations

Introduction

Background Knowledge

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Materials

Methodology

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1 Appendix One: Code

1.1 Directory Structure

1.2 Running the Provided Code