

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
UNITED INTERNATIONAL UNIVERSITY

---

**CSE6011: Data Mining**

**Forecasting SMS Traffic and Balance Availability with  
Machine Learning**

---

***Author:***

Mohammad Saifur Rahman

ID : 0122420002

Nirupom Das Dipto

ID : 0122230023

Md. Raqibur Rahman

ID : 0122310001

Md Mizanur Rahman

ID : 0122420016

***Supervisor:***

Dr. Mohammad Nurul Huda

Professor, Head of CSE Dept.

Department of CSE, UIU

Copyright©Year 2024

September 2024



# Contents

	Chapters	Page
<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Background . . . . .	1
1.2	Literature Review . . . . .	1
1.3	Research Gap . . . . .	2
1.4	Objectives . . . . .	2
<b>2</b>	<b>Methodology</b>	<b>3</b>
2.1	Corpus Collection . . . . .	3
2.2	Training Data . . . . .	3
2.3	Test Data . . . . .	3
<b>3</b>	<b>Experimental Results and Analysis</b>	<b>5</b>
<b>4</b>	<b>Conclusion and Future Works</b>	<b>7</b>

# Chapter 1

## Introduction

### 1.1 Background

### 1.2 Literature Review

- **Literature:** work/writing of others
- **Review:** analysis
- **Literature Review:** analysis of the work or writing of others on a particular topics
- **3 parts:**
  - **Introduction:**
    - \* Why is the topic worth reviewing:
    - \* Research gap/problem statement:
    - \* Define key terms/concepts:
    - \* Overview of topics covered:
    - \* Criteria for organizations:
    - \* Scope of review:
  - **Body:**
  - **Conclusion:**

### 1.3 Research Gap

### 1.4 Objectives

# Chapter 2

## Methodology

### 2.1 Corpus Collection

### 2.2 Training Data

### 2.3 Test Data



## Chapter 3

# Experimental Results and Analysis





## Chapter 4

### Conclusion and Future Works