



This is the Thesis Title

*A thesis submitted in partial fulfillment of the requirements of the B.Sc. degree
in Electrical and Electronic Engineering*

Submitted by:

Student Name (Index)

Student Name (Index)

Supervised by:

Supervisor name

To

Department of Electrical and Electronic Engineering

Faculty of Engineering

University of Khartoum

September 2024

Declaration of Authorship

You can check the official EEE department thesis guidelines from the main menu **”thesis Guidelines .pdf”**

Dedication

Acknowledgments

Abstract

List of Tables

4.1 Comparison of Different Methods 7

List of Figures

3.1 Machine Learning Model Development Workflow 6

Contents

List of Tables	v
List of Figures	vi
Contents	vii
List of Abbreviations	ix
1 Introduction	1
1.1 Overview	1
1.2 Problem Statement	1
1.3 Literature Review	1
1.4 Objectives	1
1.5 Methodology	2
1.6 Thesis Layout	2
2 Theoretical Background and Literature Review	3
2.1 This is the First Title in Chapter 2	3
2.1.1 This is the First Subtitle	3
3 Methodology	6
3.1 Adding a Figure	6
4 Results and Discussion	7
4.1 Adding a teble	7
5 Conclusion	9
5.1 Adding an algorithm	9
5.1.1 Adding an algorithm	9

5.1.2	Adding an equation	9
Bibliography		10

List of Abbreviations

TE Test Example

AE Another Example

Chapter 1

Introduction

General guidelines page :)

1.1 Overview

Write your paragraph here.

To start another paragraph, keep an empty line. If you don't, it will continue in the same line.

1.2 Problem Statement

1.3 Literature Review

1.4 Objectives

This is a numbered list:

- a. the first item
- b. the second item

1.5 Methodology

This is a bullet list:

- the first item
- the second item

1.6 Thesis Layout

This is another bullet list:

- the first item
- the second item

Chapter 2

Theoretical Background and Literature Review

2.1 This is the First Title in Chapter 2

To add a citation, use the "hash cite" and add your reference from 'References.bib' as shown below: This is The first reference [1]

For adding a subtitle and sub-subtitle, use "hash subsection" and "hash subsubsection" as shown below:

2.1.1 This is the First Subtitle

The term **Test Example** (TE) is used in this document. The term **Another Example** (AE) is used in this document.

2.1.1.1 This is the First sub-subtitle

The main aim of this chapter:

- a. Group research studies according to common Denominators. Point out overall trends in what has been published
- b. Summarize individual studies or articles with as much or as little detail as each merits. Build research citations on each other.

- c. Summarize major contributions of significant studies and articles to the body of knowledge under review.
- d. Evaluate the current "state of the art" for the body of knowledge reviewed,

/

Chapter 3

Methodology

3.1 Adding a Figure

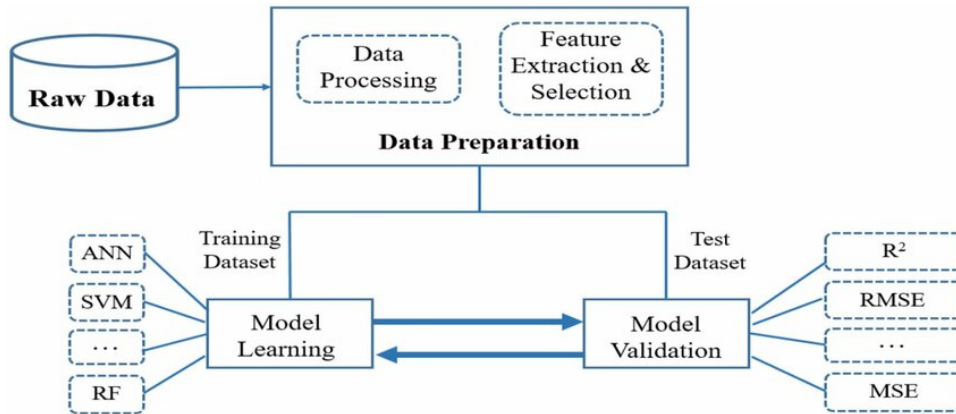


Figure 3.1: Machine Learning Model Development Workflow

ML model development requires several key steps, as illustrated in Figure 3.1.

Chapter 4

Results and Discussion

4.1 Adding a table

In the same way as in figures, you can mention any table through its label using the "hash ref" as showing below:

The results are summarized in Table 4.1. Each method has its strengths and weaknesses, which are analyzed below.

Table 4.1: Comparison of Different Methods

Method	Accuracy (%)	Processing Time (ms)	Memory Usage (MB)
Method A	95.2	120	256
Method B	93.8	85	312
Method C	97.1	150	428

1

Chapter 5

Conclusion

5.1 Adding an algorithm

USE ANY AI TOOL TO GENERATE LATEX CODE OF ALGORITHMS AND EQUATIONS
SO YOU CAN GAIN TIME

5.1.1 Adding an algorithm

Algorithm 1 Example Algorithm

```
1: Initialize  $x \leftarrow 0$ 
2: for  $i = 1$  to  $n$  do
3:    $x \leftarrow x + i$ 
4: end for
5: Return  $x$ 
```

5.1.2 Adding an equation

$$A = \frac{B}{C + D} \tag{5.1}$$

You can mention it in any part of the text through it's label using the "hash ref" as shown below

As shown in equation 5.1

Bibliography

[1] SomeOne, "Some title," *Some Journal*, p. 1011, 2025.