

Title

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**Supervisor:**

Submitted in partial fulfilment of the requirements for the degree:

**B. Sc. Hons. (??????????????)**

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Originality Declaration

I hereby declare that this work, submitted for the degree B.Sc.Hons. (??????????????), at the University of the Free State, is my own original work and has not previously been submitted, for degree purposes or otherwise, to any other institution of higher learning. I further declare that all sources cited or quoted are indicated and acknowledged by means of a comprehensive list of references. Copyright hereby cedes to the University of the Free State.

Name Surname
[Your name and surname go under the line and your full signature goes above the line.]

Name Surname

Name Surname

Acknowledgement

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Abstract

This is where you briefly (max 150 words) say what your research is about and then summarise your conclusions (max 100 words). The abstract should not exceed this page.

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Problem Statement

This is where you explain the problem and research questions that the topic attempts to address (in plain language).

Overview

This is where you briefly explain what you do in each chapter of this document. For example:

In Chapter 1 we introduce the subject matter and the basic concepts needed to understand the literature related to the topic.

In Chapter 2 we summarise the core of the topic and discuss the literature and topics required in order to grasp the main subject matter.

In Chapter 3 we explain the methods, techniques and methodology in detail.

In Chapter 4 we explain the results and conclude our work. This is followed by references and appendices.

# Introduction

## Subject Area

### What is it?

### Where does it come from?

### Where is it going?

## Introduction to the article

Here you are going to explain the source of the topic and start to summarise the introductory section.

#### Example of a figure

$$X\_{1}$$

$$X\_{2}$$

$$X\_{p}$$

$$Z\_{1}$$

$$Z\_{2}$$

$$Z\_{M}$$

$$f(X)$$

Formulas longer than 2 cm should be on their own line and numbered, like this:

|  |  |  |
| --- | --- | --- |
|  | $$σ\left(v\right)=g\left(v\right)=\frac{1}{1+e^{-v}}, vϵR$$ | * + - 1.
 |

Copy and paste this entire line and then modify the formula each time, like so:

|  |  |  |
| --- | --- | --- |
|  | $$αβ…ω$$ |  |

## When and where does the topic apply?

## Conclusion

This is where you say what you did in this chapter and what you’re going to do in the next.

# Literature Study

## Introduction

This is where you say what you did in the previous chapter and what you’re going to do in this one.

## First important concept

Explain what you read in this chapter. You will start by summarising the first important concept of the topic and the literature you read that is related to that concept.

Example of a table:

##### Data Set Variables

|  |  |  |
| --- | --- | --- |
| No. | Name | Description and Domain |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |

This is a cross-reference to Introduction to.

## Second important concept

## Conclusion

This is where you say what you did in this chapter and what you’re going to do in the next.

# Methodology and results

## Introduction

This is where you say what you did in the previous chapter and what you’re going to do in this one.

## Methods and Techniques

This is where you discuss the work done. Be methodical and systematic. Explain what you do properly.

## Novelty

How unique is the work? Does it stand out from the related research or does it complement it? Does it ask interesting questions or does it plug holes?

## Summary concluding remarks

This chapter is where you explain what you did by comparing it to other people’s work. **This must be objective and unbiased and factual and not a summary! That means NO BOLD OR ALLCAPS OR SMILEYS ;-)**

## Conclusion

This is where you say what you did in this chapter and what you’re going to do in the next.

# Conclusion

## Introduction

This is where you say what you did in the previous chapter and what you’re going to do in this one.

## What you discovered

This chapter is where you highlight the best and worst parts of the work and the related research, and what you think about it.

## Possible future research

This is where you suggest things other people can do that builds on what you read and said.

## Conclusion

This is where you explain why what you did is awesome.

# References

Consistent list of references cited go here. There may be nothing cited that is not here and nothing here that is not cited.

# Appendices

## Appendix A: Programming Code

Please note that all code presented here remains the intellectual property of the University of the Free State.

### First Program Title

The following code …:

function impute(filename, varargin)

% Automatic imputation function, by Sean van der Merwe

% Requires an Excel workbook with a sheet called Impute that contains only

% the relevant variables, variables names in the first row, and consists of

% only numerical data (text labels and blanks indicate missing values).

% Useage:

% impute('mydata.xlsx') to use GLM regression

% impute('mydata.xlsx', 'useBART') to use BART regression

## Appendix B: Additional Tables

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## Appendix C: Proofs of Theorems

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