A logo for college computing

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**Assessment Cover Page**

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| --- | --- |
| *Student Full Name* |  |
| *Student Number* |  |
| *Module Title* |  |
| *Assessment Title* |  |
| *Assessment Due Date* |  |
| *Date of Submission* |  |

**Declaration**

By submitting this assessment, I confirm that I have read the CCT policy on academic misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source.

I declare it to be my own work and that all material from third parties has been appropriately referenced.

I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution.

Chapter 1: Introduction

* 1. Motivation (background domain) 1 page
  2. Research problem
  3. Research questions
  4. Research hypothesis (Ho, Ha)
  5. Research objectives

paragraph

Chapter 2: Literature review/ related works

2.1 Technologies you are using (machine learning)

Paragraph (summarise your related work)

Chapter 3: Methodology

Write one or two sentences that describe the aim of your project.

Add architectural diagram of your project.

3.1 Dataset information

3.2 Data analysis and preprocessing

3.3 Model training (3 models)

3.3.1 Neural networks

3.3.2 Random Forest

3.4 Model evaluation

Chapter 4: Results and Discussion

4.1 Results from ED

4.2 Classification result from machine learning algorithms

4.3 Regression result from machine learning algorithms

Paragraph (discuss your result and compare with research hypothesis)

Chapter 5: Conclusion (brief about research problem, aim, solution, research, contribution to the body of knowledge, and future work).

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[NOTE: The table of contents above has been included for your convenience. To refresh the table, simply click on it, then select 'Update Table' using the mouse. You can choose to update either the page numbers exclusively or the entire table as needed.]

# Introduction

# Chapter 1

## Chapter 1.1

### Chapter 1.1.1.

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[NOTE: For the table of contents to function properly, you must use the correct headings for all your chapters and subchapters.

**Heading 1:** This is the main heading and should be employed for the primary title or chapter. For example: CHAPTER 1.

**Heading 2:** Use Heading 2 as a subheading. For instance: Chapter 1.1.

**Heading 3:** Heading 3 provides a more detailed breakdown, such as Chapter 1.1.1.

By adhering to this hierarchical structure, you ensure an organized and effective document outline, enhancing readability and navigation. However, you are not forced to use all 3 headings, usually heading 1 and 2 are sufficient.

The remainder of your text should be written using a normal font.]

# References