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Description automatically generated

BSc Computer Science

**Module Title**

Machine Learning

**Assessment Title**

Project Proposal

**Assessment Weighting**

10% of the total module mark

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**Group Number**

Group 23

(10/03/2024)

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**Requirements:**

* Ensure your proposal is double column, 10pt font size, and includes the names of all authors (i.e., everyone in your project team).

# The Problem

What is the problem that you will be investigating? Why is it interesting?

# Context and background

What is the context and background of your project? What have you read or examined about these?

# The dataset

What data will you use?

If you are collecting a new dataset, how will you do it?

If it is an existing dataset, what is it?

Why do you choose it?

# Methodology

What algorithms are you proposing to apply?

If there are existing implementations, will you use them and how?

How do you plan to improve or modify such implementations?

***You don't have to have an exact answer at this point, but you should have a general sense of how you will approach the problem you are working on.***

# Evaluation

How will you evaluate your results?

Qualitatively, what kind of results do you expect (e.g. plots or figures)?

Quantitatively, what kind of analysis will you use to evaluate and/or compare your results (e.g. what performance metrics)?