PUSL3123 AI and Machine Learning

20 CREDIT MODULE / 100% COURSEWORK SUBMISSION

C1: 50% Exam
C2: 50% Report

MODULE LEADER: **Dr Neamah Al-Naffakh**

MODULE AIMS

- To introduce the area of machine learning (ML) covering unsupervised, supervised and reinforcement learning from Bayesian perspectives.
- To review and apply learning techniques and artificial intelligence concepts towards data representations and decision-making and prediction systems.
- To enable students to analyse real datasets and control real-time systems.

ASSESSED LEARNING OUTCOMES (ALO):

1. Describe and analyse a range of artificial intelligence methods and their applications.
2. Apply the concepts of unsupervised, supervised and reinforcement learning to tackle machine learning problems.
3. Demonstrate the ability to implement and apply machine learning techniques to make decisions on artificial and real data sets

OVERVIEW

This document contains all the necessary information pertaining to the assessment of PUSL3123 *AI and Machine Learning*. The module is assessed via 50% exam and 50**% Group coursework**, across two elements: *50% for the first coursework* and *50% for the second coursework Report*.

The sections that follow will detail the assessment tasks that are to be undertaken. The submission and expected feedback dates are presented in Table 1. All assessments are to be submitted electronically via the respective DLE module pages before the stated deadlines.

	Submission Deadline	Feedback
Exam (50%)	Will be updated	Within 20 working days
Report (50%)	Will be updated	Within 20 working days

All assessments will be introduced in class to provide further clarity over what is expected and how you can access support and formative feedback prior to submission. Whilst the assessment information is provided at the start of the module, it is not necessarily expected you will start this immediately – as you will often not have sufficient understanding of the topic. The module leader will provide guidance in this respect.