7907ICT

Workshop Document

**This document is where you write-up the TEN weekly workshop tasks, each one of which is worth 10% of your total marks.**

# How to Approach these workshops (1 - 10)

This document lays out the ten workshop exercises to be completed each week. Either during the workshop session or at another time at your convenience. It contains detail of the task, plus a read-made template to be used when answering the questions.

This is the document that will be submitted for marking in two stages; Part A in week 6 to include workshops 1 through 5. Part B submitted in Week 11 to include weeks 6 to 10.

Key points to note:

* The output of each workshop is a **600-word written report**.
* Write your 600-word report into this workbook, accumulating them until you have completed all ten, then submit it via the Turnitin portal at the bottom of the assignment page of the course website.
* Don’t be tempted to leave doing the workshop write-up until the week the submission. It is a fact that we usually under-estimate the amount of work needed.
* As per university policy, extensions to the allowed time to submit can be granted with the necessary documentation. But please bear in mind that the IT industry is a very deadline driven profession.
* The workshops follow a similar format. Once you become familiar with the process, you should be able to work through the ten workshops over the duration of the course.
* The workshops can be completed individually or in discussions with groups of 2-4 students. Your submission will be an individual one, not a group submission.
* Ensure your report has clear headings for each.
* Try to do one workshop write-up per week.
* Avoid directly copying and pasting information from online sources, including generative language models like ChatGPT or other.

# Module 5: Ethical AI Case Study Analysis

**<Your Exercise Title>**

### Introduction

A leading AI company called TechnoCore is facing some troubles, their hiring system has been found that existing an unfair mechanism to select candidates, such as woman, minorities and non-traditional paths people have less opportunity to get an interview.

### <ETHICS in enterprise>

Enterprises always put the profit as their priority, there is nothing wrong with that. But a great enterprise should also consider ethics and responsibilities to society. Laws and regulations are the lowest standards of ethics, serving as the basic rules that all companies must follow. With higher standards of ethics, most of times, enterprise could not have direct benefit, but for long-term view, it could promote the development of society and get positive feedback then form a positive cycle finally.

#### <Ethical Issues>

TechnoCore faced some big troubles with fairness when they used their job application filter system to help pick people for interviews. The system was only choosing people who looked like the ones it was trained to recognize, which were mostly men from certain schools and women are always ignored. This meant it was leaving out lots of good people who didn't fit that narrow group, like women and people from different backgrounds. The problem was that the system wasn't fair, and it wasn't transparent to see how it was making its choices. Because of this, TechnoCore needed to figure out how to make sure everyone had a fair chance to be chosen.

#### <priorities>

The most important thing for TechnoCore is to make sure their hiring process is fair by fixing the filter system that was unfairly leaving people out because of their gender, race, or education background. They need to stop this unfairness so that everyone can get a fair chance. It’s also important that TechnoCore explains how the system makes its choices and takes responsibility if it makes mistakes. Lastly, they should focus on bringing in different kinds of people to make their company more diverse and more creative.

#### <solutions>

To solve the problems TechnoCore is facing, we should know what cause the system to have these biased choices. Maybe it’s because the amount of data for training is not enough, or the quality of the data is not good, then they can consider re-training the model in the filter system. And they should also have people regularly review and audit the system’s decisions to catch any mistake in real time. In other hand, TechnoCore should be open about how the system works and be ready to make changes if needed. For example, making the system open-source is a good practice.

### Conclusion

Being ethical is vital for companies, no matter what products or services that a company sells, no matter how good quality it is, in the end they are just selling trustiness. Honest, transparent, fairness, integrity and accountability, all these ethics are not necessary to build a company, but if you want to develop a long-term business then they are bloody important. Thus, TechnoCore needs to fix their hiring system to make sure it’s fair to everyone. By being honest about how the system works and making sure it doesn’t unfairly leave people out, they can create a better and more diverse workplace. Doing this will help them not only do the right thing but also make the company stronger and more successful in the long run.

### References

<Use APA referencing style> <References not included in wordcount>

**When Modules 1 to 5 are complete submit this document via Turnitin link at bottom of Assignment 1A description page on course website.**