

Professional Practice 2

Reflective Writing and White Paper Report



Overview



Reflective writing



White paper report

Reflective writing



What is reflective writing?

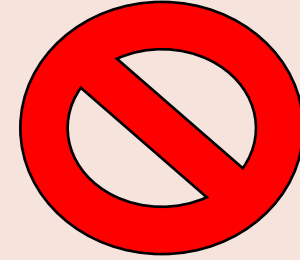


all about you
narrates your **learning journey**
states how your thinking
changed and what you will **do**
differently in the future

Reflection helps you become more **active** and **aware** in the learning process, focusing on not only **what** you have learned but also **how** you learnt it.



Reflective writing is not:



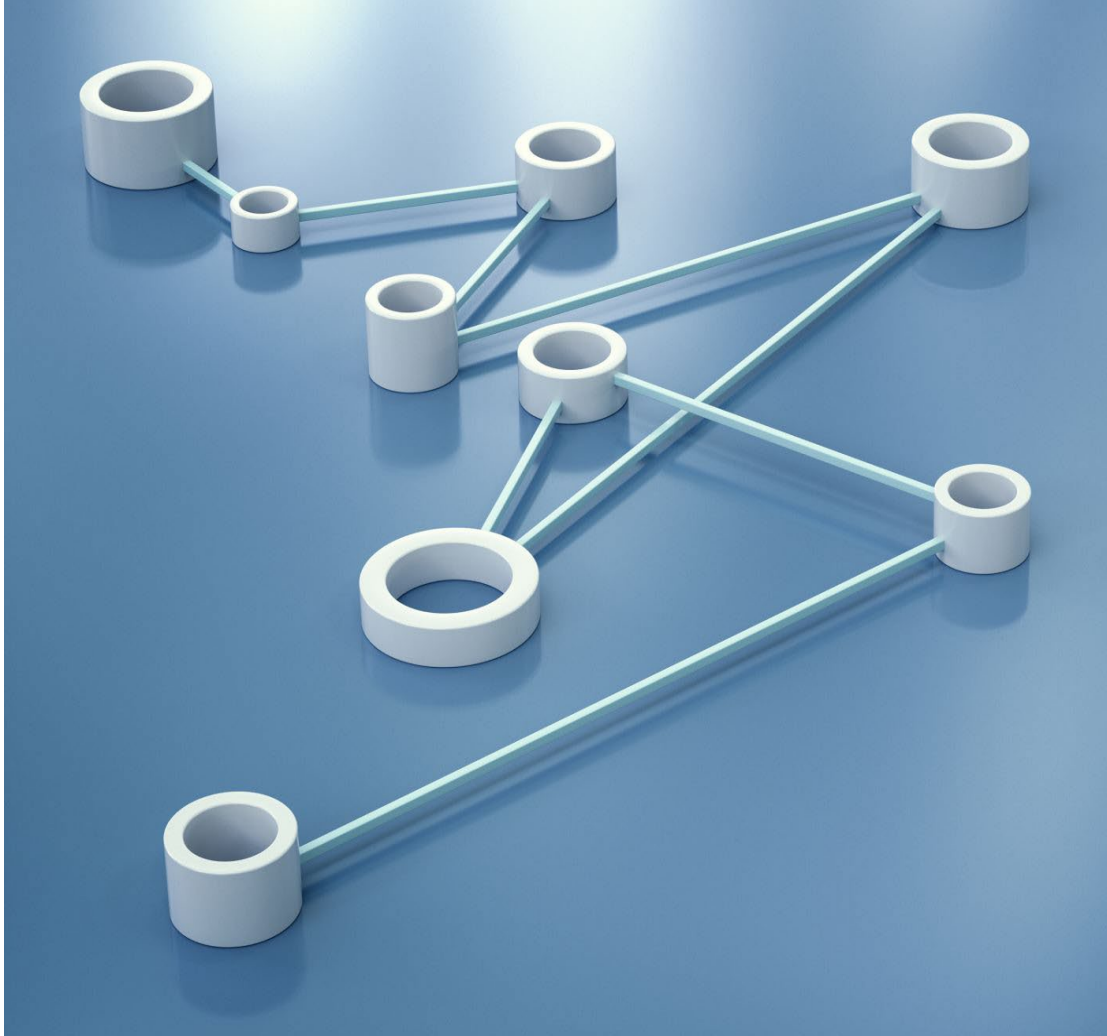
Pure description

Objective explanation

A summary of events/reading/situation

A standard university essay writing

Your task



Reflective Piece 1 & 2 (30%) | Case Study presented in Weeks 4 and 5

The core of the submission involves reflecting on the **RI principles** discussed on that week

(**week 4 or 5**), integrating **personal insights** to discuss the ethical, social, and environmental implications of the technologies presented by guest speakers, and identifying related challenges and opportunities. This reflection is deepened by considering **how** the case studies presented **have shaped your understanding** and observations of responsible innovation and leadership. The conclusion should succinctly summarize key insights, highlight the ongoing importance of considering emerging technologies and RI principles, and offer **final thoughts for their application** in your future professional practice.

Reflective Report Structure

Section	Description
Introduction	Briefly introduce the selected case study and the Responsible Innovation (RI) principles for the week.
Summary of Case Study	Summarize the case study, including the technology and its significance.
Transparency and Safety Analysis (Reflective Piece #1)	Analyze the transparency and safety issues related to the technology.
Sustainability Analysis (Reflective Piece #2)	Reflect on the sustainability aspects of the technology.
Leadership and Membership Reflection	Discuss the leadership and membership aspects illustrated in the case study and how these can be applied in your professional practice.
Personal Insights	Share personal reflections and how the case study influences your understanding of RI principles and professional skills.
Conclusion	Summarize the key insights and discuss how these insights could influence and change your professional practice in your future career.
References	Include citations in APA or ANU citation style if needed
Submission Style	The submission should be typed, double-spaced



Topic sentence states the ***point*** - the reflective lesson

Supporting sentences

Retell – some description of what happened, significant concepts

Relate – this to your previous experience and knowledge, give examples and make connections

Reflect – what did you learn and what would you do differently

Concluding sentence summarises the reflection

Is this good reflective writing?

By working with a variety of primary and secondary schools throughout the research, I was able to gain an understanding of the ways in which schools and the resources at their disposal varied. I noticed that there was much diversity in terms of technology infrastructures across different schools, especially between state funded and independent (private) schools. The ways in which they varied was not only in terms of the types of devices (e.g., desktop computers versus iPads) at their disposal, but also the amount of IT support available. Reflection: This challenged me to consider how to prioritize the devices that the Magic Cubes software would support; moreover, it brought to light the importance of creating software with inbuilt support that would enable schools with limited access to IT professionals to easily install and use it.

Responsible Innovation through Reflective Practice: The Value of Insights from the Behind the Scenes of Research (https://wp.lancs.ac.uk/hci-responsible-innovation/files/2019/04/CHI2019_WS24_Final_Lechelt.pdf)

White paper report



Types of white paper reports



Problem-solution



In-depth explanation of service, product, etc.

Structure suggested by your lecturer

Table of contents

Executive summary

Introduction

Problem statement

Solution/analysis

Recommendations

Conclusion



Executive summary

Sustainability challenges span social, economic, and environmental considerations.

Context

Organizations increasingly **seek to provide more transparency into** their sustainability practices for employees, shareholders, regulators, and consumers.

Problem

Blockchain **enables increased visibility** into the entire supply chain, allowing organizations to accurately track the provenance and authenticity of goods at the product level, and to gain insight into sustainability practices. **This paper discusses three use cases and solutions:** transparent supply chains and the circular economy, auditing and certifications at scale, and carbon emissions tracking and marketplaces.

Solution



Introduction

Sustainability challenges span social, economic, and environmental considerations. Both public and private organizations increasingly seek to provide a more transparent view into their sustainability practices for employees, shareholders, regulators, and consumers.

Context

To meet sustainability commitments, for example carbon emission targets, organizations must measure the impact of their entire supply chain. However, challenges with transparency and data reconciliation in supply chains make this difficult. In a typical supply chain, individual participants are able to see one level upstream and downstream, but not beyond that.

Problem

Efforts to improve product and facility audits and certifications can be vulnerable to tampering, and often increase overhead. In addition, many audits are conducted annually, providing limited, snapshot-in-time insight into suppliers' practices.

Although premium commodities, such as organic materials, can be tracked through the supply chain, tracking is typically done at a mass balance level, and not at an individual product level. This type of tracking leaves room for double spending of premium materials, as well as an inability to make certain product claims about the materials it contains.

Blockchain enables visibility into the entire supply chain, allowing organizations to:

- accurately track the provenance and authenticity of materials and goods at the product level.
- gain insight into the sustainability practices of participants.

Solution

In this document, we'll share some benefits of blockchain and explore how it can contribute to sustainability goals in the context of three use cases:

- Transparent supply chains and the circular economy.
- Auditing and certifications at scale.
- Carbon emission tracking and marketplaces.

Structure
outline

Conclusion

In this paper we explored how blockchain technologies and Amazon Managed Blockchain can be used as a critical component within an overall sustainability solution. Blockchain's decentralized, immutable properties enable organizations to gain visibility into their entire supply chain, allowing accurate tracking of the provenance, authenticity, and carbon footprint of goods, as well as sustainability practices of the supply chain participants.

Summary

Restating key message

Your turn

Have a quick look at the table of contents in the sample white paper reports, discuss with your group members how the reports are structured.

SAP Solutions on Azure

Sustainability within manufacturing



Your turn

Have a second look at one of the two white reports, discuss with your group members how the paper has introduced their solutions/products?



Final tips on writing a white paper report

Write about something you know (pick the right topic)

Adequate research

Interesting intro

Tell a story

Concluding with value



Questions

