Artificial intelligence is here to stay.

AI is changing the way we live, work and study.

What is AI?

Artificial Intelligence (AI) is when machines have some of the qualities that the human mind has, such as the ability to discover patterns of human language, recognize pictures, solve problems and learn.

Some examples of AI you might encounter at University include tools which can:

- paraphrase for you

- suggest improvements to your grammar or spelling

- solve equations

- generate text or images based on a prompt.

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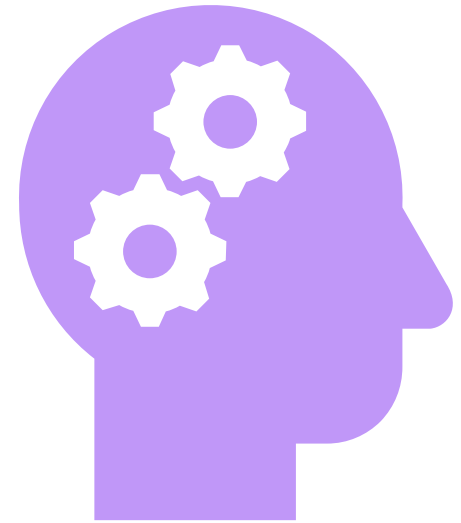
Definition source: Cambridge Dictionary.

AI is great news for your learning!

AI may be able to...

- Help you check your knowledge or explain concepts you are struggling with, in your own time and on your own terms.

- Help detect and solve errors or inconsistencies in your work, and help you learn from them.

- Build confidence that you're on the right track by checking your ideas.

- Generate unusual ideas or prompts for further research.

- Give you feedback on written or spoken language.

AI is kind of like having a personal tutor. Used correctly, it can help you study effectively, check your understanding, and build your skills.

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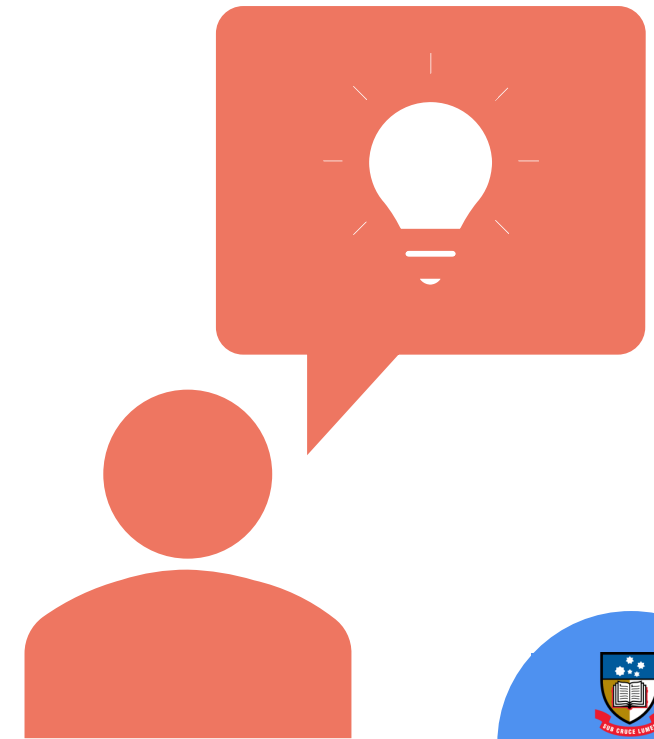
AI in the workplace

Automate processes such as billing or communications

Generate data-driven insights on operations, sales, consumer behaviour etc.

Brainstorm initial ideas for a project

Diagnose issues or inefficiencies

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Using AI responsibly

Skills you need

Problem-solving

Discipline expertise

Communication

Critical thinking

Professional skills

AI Supports

Testing and checking ideas

Learning and revising content

Suggesting improvements

these skills must be learned by you – but can be supported by responsible use of AI

It's only as good as what you put in...

- AI text-generators such as Chat GPT are probability-based. They don't understand what they are writing, they are simply predicting words in a certain order based on a huge library of content.

- This means that the output can be factually incorrect, biased, or even offensive.

- The way that you 'prompt' Chat GPT will affect the output. If you ask your question poorly, you will get a poor quality answer.

How to fact-check AI-generated text

AI-generated content may contain factual errors or falsified information.

You will need to use other sources as well as AI to ensure that your research is accurate.

You will also need to fact check any AI-generated content.

The **Library Essentials** modules have training on how to do this, tailor-made for your subject area.

https://www.adelaide.edu.au/library/library-services/training

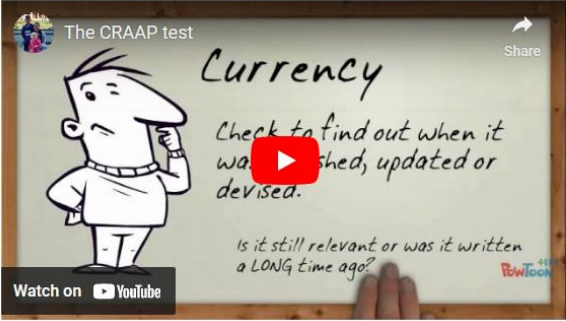Evaluating quality: the CRAAP model

One model that's often used to evaluate the quality of information and internet sources is the CRAAP model. CRAAP stands for:

- Currency
- Relevance
- Authority
- Accuracy
- Purpose.

This video provides a quick and useful introduction to the CRAAP model.

Skip to plain text alternative

[Video length: 1:25]

Working with AI is a digital literacy. Combine it with your creativity and expertise for unstoppable results!

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So how do I know what's ok?

We put together this guide to working with artificial intelligence. It helps you to think about the pros and cons of using AI for different tasks, and where using AI might be an academic integrity issue.

And if you still have questions…just ask!
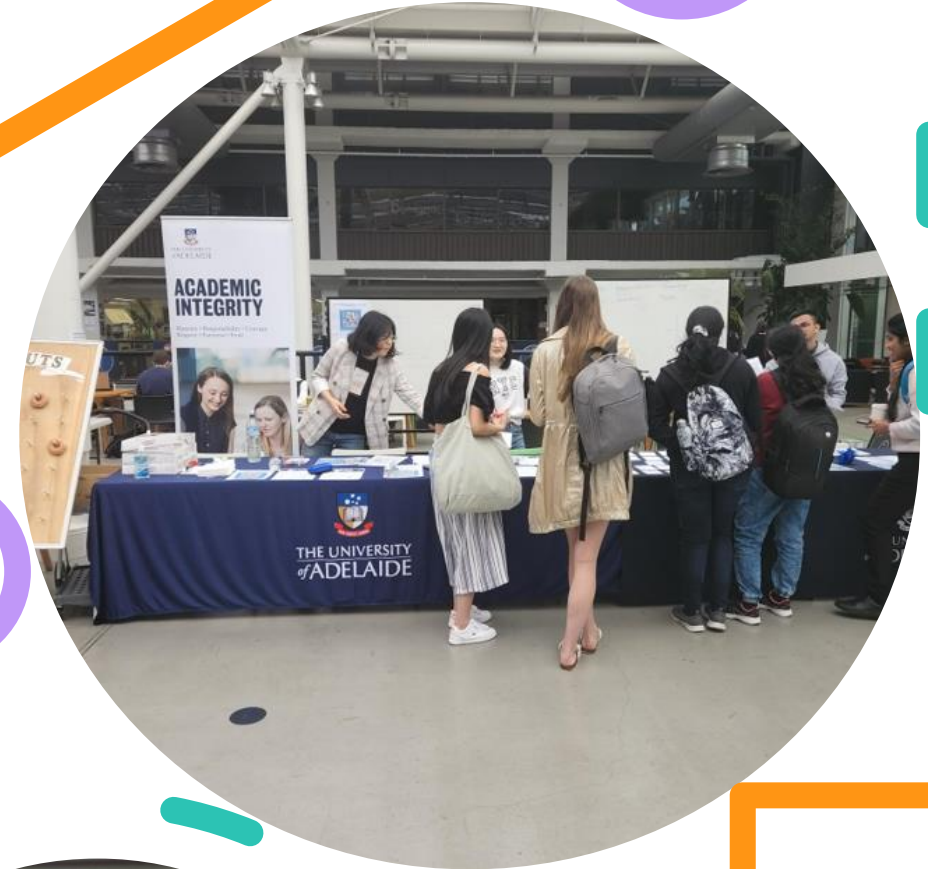
I want to use AI to do my research

Pro	Con
Quick overview/summary of topic	Can be factually incorrect/biased
May be able to suggest key readings	Fabricates/misrepresents references
Summarise readings	Knowing how to research independently is a **key skill**. Can use AI as a starting point but must do other research.

I want to use AI to plan my essay

Pro	Con
Quickly generate ideas	Generates basic/predictable ideas
Helps with basic structure	Learning to structure your own ideas is a **key skill**
Might suggest something you haven't thought of	AI might be missing information depending on date/time

I want to use AI to solve an equation or problem

Pro	Con
May be able to help if problem is written in plain text	Can generate incorrect answers. Does not use mathematical symbols
Can generate additional examples and solution approaches of the type of problem you are trying to learn to solve.	If you ask AI to solve a problem you've been asked to solve yourself, and you submit this as your own work, **this is cheating**

I want to use AI to fix my broken code

Pro	Con
AI may be able to identify errors in code	If your assignment was to identify and fix code, **this is cheating**
May tell you how/why the error occurred and how to fix it – great for your learning!	If you don't take the time to understand the error, you will miss out on learning
	May generate invalid, inefficient and/or poorly structured 'fixes'.

I want to use AI to paraphrase

Pro	Con
Quickly paraphrases content	Often makes mistakes/uses strange synonyms
Helps with learning grammar	Copy pasting other sources into paraphrasing tools can be **plagiarism** without reference
	Knowing how to summarise ideas is a **key skill**

I want to use AI to summarise course readings

Pro	Con
Quickly summarises content	Not a substitute for actually reading!
Might pick up themes you hadn't noticed	Might miss points that you think are important
Can help you decide which reading to prioritise	By reading information and taking notes, you are more likely to retain the knowledge

I want to get AI to write my assignment/test

Pro	Con
Quick, basic answer	Submitting an assignment/test answer which was not produced by you is a **breach of the Academic Integrity Policy**
	Not demonstrating <u>your</u> learning
	No learning value for you
	Impacts other learning activities/ work-based placements which build on this knowledge. **Possible safety concern** if learning has been skipped.

'Work smarter, not harder'

AI can speed up some tasks, but don't shortcut your learning.

How does it feel?

Integrity is about building your skills and confidence for your personal, professional and academic success.

When you take responsibility for your learning, how does it feel?

How does it feel?

Taking shortcuts may help you save time, but you may miss out on important learning.

If something feels wrong, trust your instincts. It might be because you're skipping some important steps in your learning.

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Need Help?

The University offers a range of study support resources, which are **free** to use and which all support academic integrity:

• Maths Learning Centre: https://www.adelaide.edu.au/mathslearning/

• Writing Centre: https://www.adelaide.edu.au/writingcentre/

• Peer Assisted Study Sessions (PASS): https://www.adelaide.edu.au/pass/

• Studiosity: https://www.adelaide.edu.au/student/success/studiosity

• Library Services for Students: https://www.adelaide.edu.au/library/library-services/services-for-students

• Turnitin Guide: https://www.adelaide.edu.au/writingcentre/ua/media/262/Turnitin%20Guide%20for%20Students%202022.pdf

• Academic Integrity information: https://www.adelaide.edu.au/student/success/academic-integrity-for-students

Just ask

We're all still learning how AI can work for us at the University.

Be part of this change by asking questions or making suggestions.

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