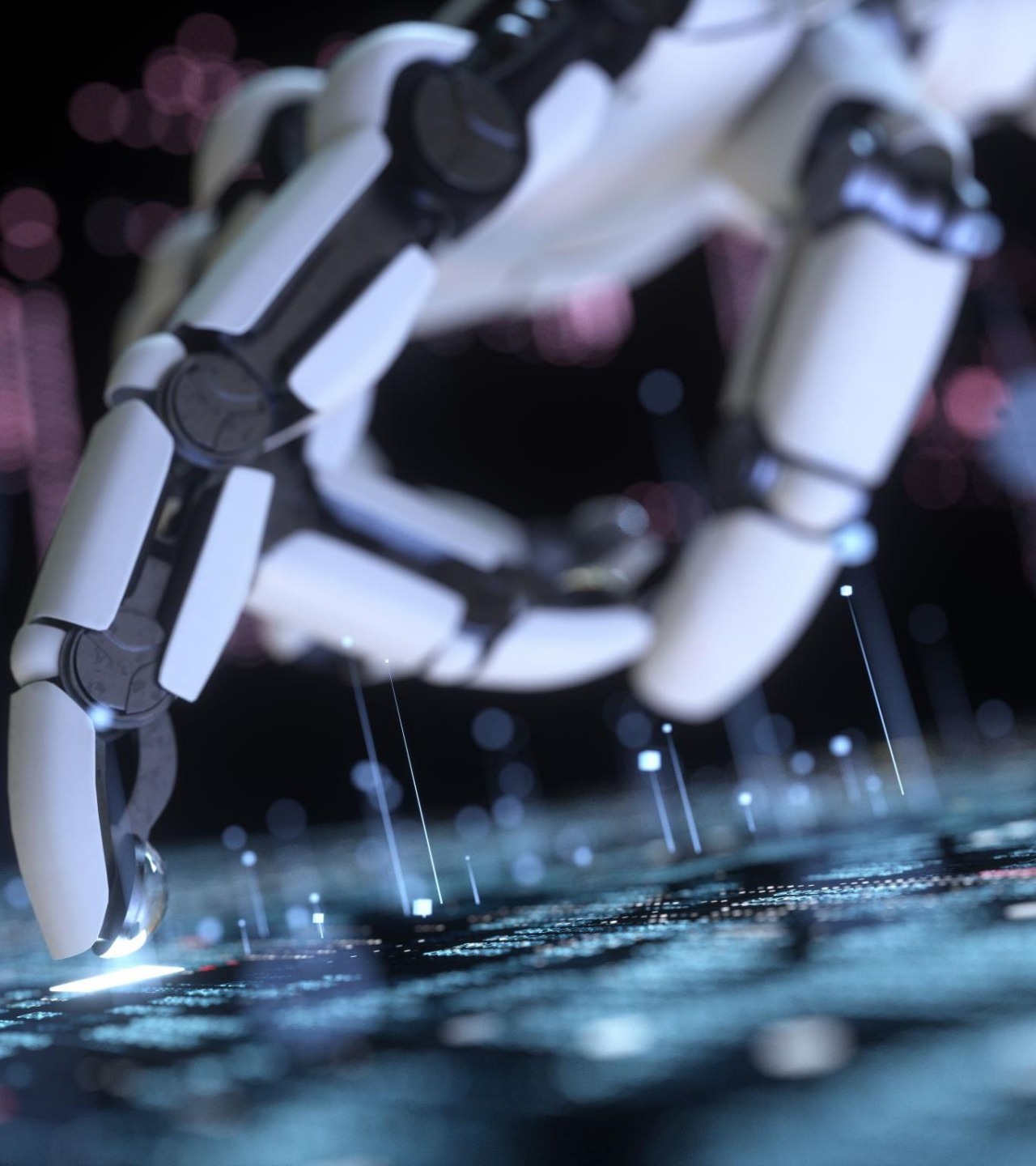




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AI Unleashed: Transforming the Way, You Learn



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Searching with AI – Library InfoSkills

On this module you will find an overview of a several AI tools.

(May 2024) This is not an exclusive lists as AI tools come out each day and also some of these tools may do a lot more than is outlined in the module.

After you have undertaken a CRAAP check, also have a look at their tutorials to get the best use of the tool.

- Primo Research Assistant
- Microsoft Copilot
- Consensus
- Research Rabbit
- Elicit
- Semantic Scholar
- Connected papers
- Perplexity
- Research Buddy



The Good, the Bad, and the Biased



Pros: It can help spark creativity, assist with writing and research projects, and make learning more engaging. AI tools can explain complex topics, answer questions, and even create awesome art and stories.



Cons: AI models can sometimes produce biased or incorrect information. There are also concerns about privacy, ethical issues like deepfakes, and the potential for AI to be misused. It's important to think critically and fact-check AI outputs.



Bias Issue: AI models can pick up biases from the data they're trained on, which is often created by humans who have their own biases. This means the AI could generate stereotypes about things like gender, race, or cultures without realising it. The misinformation might seem realistic since AI is so good at imitating human language.



That's why it's super important to fact-check what AI generates and be aware that it might spread harmful stereotypes or false info, even if it sounds convincing. Always think critically about the AI's outputs and whether they promote unfair biases. If it seems off, double-check trusted sources.



JISC – Responsible AI checklist

1. Use AI as your assistant, not a replacement

- - You can use AI tools to support your work but don't let it take over completely or rely on it too much.

2. Look for bias

- - Check AI outputs for fairness and avoid one-sided perspectives.
- - Ensure information and visuals include diverse viewpoints and representations.

3. Protect your and others' data privacy

- - Review the AI tool's terms and conditions to understand if your inputs will be used to train the model.
- - Avoid sharing your personal information with AI tools and always get consent before inputting someone else's personal details.

4. Be upfront about your use of AI

- - Be honest about when and how you've used AI tools in your work, following any specific school or college guidelines.

5. Fact-check AI's outputs

- - Always check the information provided by AI with reliable sources or experts.

“

CRAAP

*The University of
Bristol has
produced a
framework
Critically
Evaluating AI*

CRITICAL EVALUATION



Creating an effective prompt

- Creating an effective prompt is an increasingly important skill which not only improves your research, critical thinking, and information literacy skills, but can help improve the accuracy of Gen AI tools. As with any new skills, it will take time and practice to master.
- <https://support.microsoft.com/en-au/topic/get-better-results-with-copilot-prompting-77251d6c-e162-479d-b398-9e46cf73da55>
- [Microsoft Copilot – The art of prompt writing](#)

“

‘I am a busy parent, working full-time and undertaking a weekend course at university, what is the best approach to organising time to study and complete my assignments?’

9. Communicate with family: Ensure they understand and support your study needs.

10. Take care of yourself: Maintain a healthy diet, exercise, and get enough sleep to stay productive.

11. Be flexible: Adjust your schedule as needed but try to stick to your overall plan.

As a busy parent juggling work and studies, effective time management is crucial. Here's a concise approach to organizing your study time and completing assignments:

- 1. Create a weekly schedule: Block out specific times for work, family commitments, and study.
- 2. Use small pockets of time: Utilize short breaks or commute time for reading or reviewing notes.
- 3. Prioritize tasks: Focus on urgent and important assignments first.
- 4. Break down large tasks: Divide assignments into smaller, manageable chunks.
- 5. Set realistic goals: Establish daily or weekly study targets.
- 6. Eliminate distractions: Find a quiet study space and minimize interruptions.
- 7. Use productivity techniques: Try methods like the Pomodoro Technique (25-minute focused work sessions).
- 8. Leverage technology: Use apps for time management, note-taking, and organizing research.



*my first assignment is
'Compare and contrast
employability skills
needed for a Nurse
working in domiciliary
care to provide complex
care at home and a
Mental healthcare
assistant in a hospital in
an acute ward for
adults' what approach
should I take?*

1. *Research and list skills:*

- - Identify employability skills for nurses in domiciliary care providing complex home care
- - Identify employability skills for mental healthcare assistants in acute adult hospital wards

2. *Organize skills into categories:*

- - Technical skills
 - - Organizational skills
 - - Physical and emotional resilience
- Interpersonal skills
- Adaptability and flexibility

3. Compare and contrast:

- - Highlight similarities between the two roles
- - Identify key differences specific to each role

4. *Analyze the reasons for differences:*

- - Consider the unique challenges of each work environment
- - Examine the specific needs of the patients in each setting

5. *Conclude:*

- - Summarize the main similarities and differences
- - Reflect on the importance of role-specific skills in healthcare

6. *Structure your essay:*

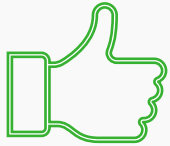
- - Introduction
- - Body paragraphs (organized by skill categories or by role)
- - Conclusion



My study group has been preparing for a presentation on leadership and management. Please help us to revise and prepare for our presentation by asking us twenty multiple-choice questions based on theories of leadership and management. Ask one question at a time. Please give feedback after each question.

- Which of the following best describes **Transformational Leadership**?
- A) A leader who focuses on routine tasks and maintaining stability
- B) A leader who inspires and motivates followers to achieve extraordinary outcomes
- C) A leader who delegates all decisions to subordinates
- D) A leader who avoids making decisions and remains passive
- What's your answer?

Do's



- Test different AI models
- Have clear objectives and end goals
- Experiment with different prompts
- Rerun results for different iterations
- Approach results with scepticism
- Be aware of bias, ethical and copyright concerns
- Check your sources
- Ensure results are reproducible

Don'ts



- Completely trust in results – GenAI is inherently flawed
- Use for entire process – allow for human intervention
- Fail to document things- keep a paper trail
- Ignore ethical issues
- Neglect copyright considerations
- Forget to validate results
- Forget about paywalls in AI tools usage
- Allow AI tools to draw conclusions for you



“

Any Questions



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We cover 7 days a week

We offer face to face appointments

We offer appointments via MS
Teams

