

AI for learning: some ideas

- Summarising long text, articles or reports
- Brainstorming ideas, outlines, new concepts
- Synthesising insights and takeaway points from a text
- Modelling text answers
- Extracting data and patterns from messy text
- Reformatting text / data from your notes to make it more readable

Popular tools

Chat / Text	Productivity	Information Searching	Design
ChatGPT	Notion AI	Research Rabbit	Midjourney
Bing	Taskade	Semantic Scholar	Adobe Firefly
Bard	Audioread	Elicit	Microsoft Designer
Perplexity AI	Bright Eye	Iris AI	DallE

Artificial Intelligence terms for non-tech people

- Completion:** The generated answer or response to a given prompt.
- Generative AI:** Can create text, images, or other media when given prompts.
- Large Language Model (LLM):** Deep learning model trained on large amounts of data and understands and generates text in a human-like fashion.
- Model:** A program that has been trained to perform specific tasks.
- Natural Language Processing (NLP):** Field of AI that focuses on how computers can understand, interpret, and generate human language.
- Output:** The generated answer or response to a given prompt, also known as 'completion'.
- Prompt:** The user input which guides the AI to generate the desired output.
- Prompt Engineering:** The technique of designing and crafting the prompt to get the best possible output.
- Tool (technology):** The software or application you use.
- Training:** The process of a model automatically learning patterns based on data.

Commands

- Act as:** assumes a specific role
- Brainstorm:** be creative and generate ideas
- Reverse engineer:** deconstruct a design or process
- In simple terms:** communicate a complex idea to non-experts
- Elaborate:** Gain a deeper understanding of a concept or topic
- List:** enumerate items, ideas or steps

Vocabulary

- Generative AI**
Capable of creating
- Training**
How the tool was taught
- Inputs**
Text or commands
- Output**
The response
- Prompt**
What you provide the tool

Set Restrictions

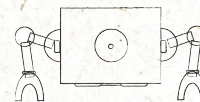
- Use poetic language
- Adopt a formal style
- Write short sentences
- Code only in HTML / CSS
- Use Shakespearean style
- Write using basic English
- Write using Academic English
- Use only scientific sources
- Add pop culture references

Prompting techniques

- Chained
- Conversational
- Instructional
- Linked
- Role playing
- Tone
- Tree of Thought

Acting as [Role] perform [Task] in [Format]

Roles	Tasks	Format
Data analyst	Connect concepts	Write # words
Entrepreneur	Cover letter	Bullet point list
Expert in x	Create an image	Code
Marketer	Demonstrate writing style	CSV file
Policy maker	Draft an email	HTML
Politician	Generate ideas	Plain text file
Professional	Keywords	Rich text
Prompt Engineer	Plan your time	Summary
Recruiter	Preparing questions	Table
Researcher	Simulate-scenarios	Word Cloud
Undergraduate student	Social media post	
	Suggest a structure	
	Summarise a topic	



Writing Styles

- Creative
- Descriptive
- Friendly
- Formal
- Humorous
- Informal
- Inspirational
- Instructional
- Narrative
- Natural
- Persuasive
- Professional
- Scholarly

Priming prompts

- Zero** Write me a list of 5 discussion points about [Topic].
- Single** Write me a list of 5 discussion points about [Topic]. Here is an example...
- Multiple** Write me a list of 10 discussion points about [Topic]. Here are three examples...

Linked Prompting

- Have a conversation with the AI tool.
1. You are an undergraduate history student. Provide a summary of the Nasa Apollo Programme.
 2. Write a list of the Apollo missions with dates and key facts, in table form.
 3. List the astronauts involved in Apollo 11 mission with basic biographical information.
 4. Give 5 quotes from the Apollo 11 astronauts.
 5. Provide a reference list of 4 books I should read about the Apollo 11 mission.

Evaluate the outputs

- Currency**
How up-to-date is the dataset?
Does this matter for your prompt?
- Relevance**
Is the response relevant to your prompt?
- Authority**
What's the evidence?
Verify the sources and check out any authors.
- Accuracy**
Are there errors?
Fact check the answer and verify any references
- Purpose**
Ask yourself why and look out for bias.

Remember

- If you use AI tools it is important that you use them responsibly, ethically and transparently.
- Use AI tools to support your learning and help you develop your academic skills and confidence in your own ability.
- Use AI tools critically, acknowledging when and how they have supported the development of your work.
- When it comes to assessment you are expected to use good academic practice and be sure that the work you submit is your own.

