

AI Guide for Your Studies

* Here, "AI" means generative AI.

How do you use AI* thoughtfully for learning, writing, and thinking?



CHATGPT, BUT DATA-SAFE

- At Ohm, you can use ChatGPT securely via Copilot, free under the university license.
- Your inputs are not used to train the models.
- Using other tools? Check their privacy terms.



Copilot: guide
and login



HELPFUL PROMPTS

- Explain this concept on three levels: simple, technical, with an example.
- What are the counterarguments to my position?
- Help me look at my thesis from an interdisciplinary angle. Which perspectives are missing?
- Ask me critical questions like a peer reviewer would.
- Where is this passage unclear? Explain it instead of rewriting it.
- Ask me exam questions on this topic. Wait for my answer.



IT IS NOT OKAY ...

Copy and paste

... to have entire passages of your paper generated and submit them as your own work without acknowledgment or review.

Sensitive data

... to upload your drafts with personal data or confidential research data to an AI tool.

Hallucinations

... to rely on AI content. AI makes up facts and sources that sound real but are not, especially in references. Find every source yourself and read the original.



RISKS OF AI USE

- **Privacy:** Free models may store, analyze, and share your input.
- **Bias:** AI adopts biases from its training data.
- **Environmental impact:** AI data centers use a lot of energy and water for cooling.
- **Deskilling:** Constant AI use weakens your own writing, thinking, and research skills.



ONLINE WRITING LAB

AI-related articles: e.g., [Avoiding Plagiarism When Using AI Writing Tools](#); [AI Tools for Academic Writing](#)



GOOD PRACTICE: DOCUMENTING AI USE



- Academic work must include an appendix showing how AI was used.
- Purely AI-generated content must always be labeled as such.
- AI is not a source and is not cited as one.

[How do I document
my use of AI?](#)



POSSIBLE USES



- Support with formulating, translating, and preparing presentations
- Feedback on drafts, ideas, and outlines
- Support with research and reviewing large volumes of text
- Project planning and exam preparation



[Ohm AI guidelines](#)



HOW DOES GENERATIVE AI WORK?



1. **AI is trained on huge amounts of text**
Internet, Wikipedia, forums, books
2. **AI recognizes patterns**
Which words often follow one another?
3. **AI calculates statistically**
What is the “likely” next word?
4. **AI generates text: word by word**
Without human understanding



QUESTIONS FOR INSTRUCTORS & YOURSELF

- ☐ May I include AI-generated passages in my submitted work?
- ☐ How do I document AI use in my work?
- ☐ Are there specialist AI tools used by researchers in my field?
- ☐ Question for me: What do I want to learn myself in my academic studies?



FURTHER TRAINING



[Learning Nugget Catalog on
Generative AI](#) by TUM



[Micro-Credential Program for
Generative AI \(MC4genKI\)](#) for
Ohm students

The Writing Center also regularly offers workshops on AI in the writing process.



CONCLUSION

Know the **risks** of using AI, take **responsibility**, and **talk** to your instructors about how AI should be used in your course.

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