

AI in Writing Process – podcast series

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Basic principles for using AI



- Don't replace learning with artificial intelligence. Use it to support learning.
- Always check with your teacher whether you can use artificial intelligence and to what extent.
- Always report the use of artificial intelligence appropriately.
- Review and follow the artificial intelligence guidelines of your university, faculty, and department.
- Use Copilot with your JYU credentials as your first choice.



Issues of authorship and responsibility



- You are always responsible for the task you return, including errors made by artificial intelligence.
- Presenting artificial intelligence output as your own work is fraud.
- Your contribution must be significant enough for you to be able to claim the text as your own.
- Artificial intelligence is not a scientific source and produces a lot of false information (Wei et al. 2024)



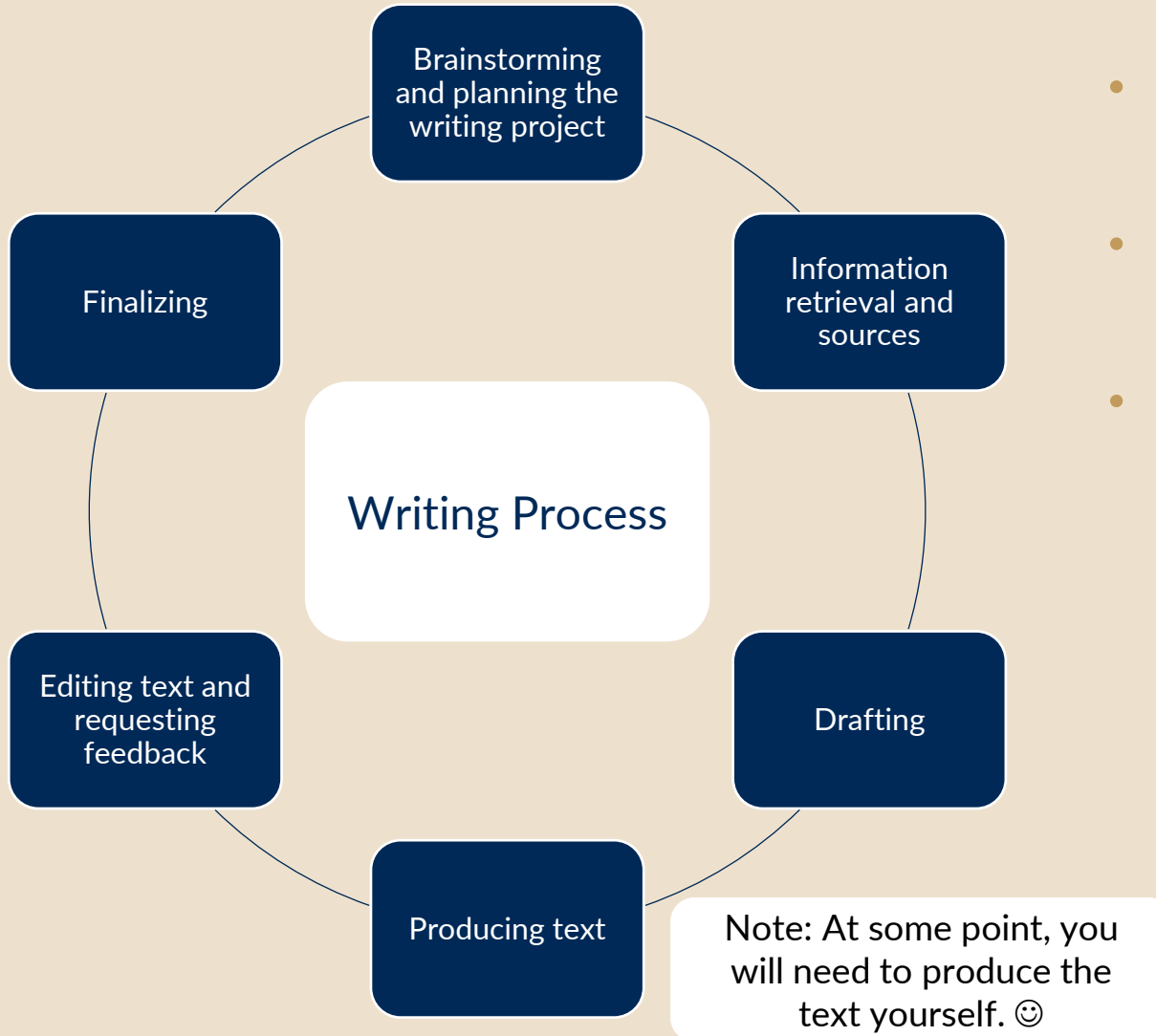
Wei J. et al. 2024: Measuring short-form factuality in large language models. ArXiv preprint. <https://doi.org/10.48550/arXiv.2411.04368>

Creating prompts = prompting



- Write in the chat what you want the AI to do.
- The more specific the prompt, the better the result.
- Check the instructions for the application you are using.
- General Guidelines
 - Give artificial intelligence a role to play.
 - Give precise and concrete instructions.
 - Give examples.
 - Tell AI *what* you want it to do and *how* you want it to do it.
 - Avoid negative forms in sentences.

Introduction to the video series



- Videosarjassa teemme tekoälyn kanssa esseen alusta loppuun.
- Esittelemme eettistä ja tarkoituksenmukaista tekoälyn käyttöä.
- Lisämateriaalia ja promptit videoiden yhteydessä!

Adapted from: Väliverronen, E. 2002. Writing as a process. In M. Kinnunen & O. Löytty (eds.) Scientific writing. Vastapaino, 83-94.

Tekoälyn käytön raportointi



- Report the use of artificial intelligence appropriately.
- Follow the instructions given by your teacher first and foremost.
- Template (also in print material) for reporting:
 - If you did not use generative AI tools in the learning task, report back:

"I did not use AI tools in the task."

- If you used generative AI tools in a learning task, copy, complete and paste the following text at the end of your submission:

"I have used the AI tool [AI tool] [version number / date] in the learning task. I used AI for [which purpose, at which stage of the process]. I verified the suitability of the AI suggestions by [how did you verify?]. I built on the [ideas / suggestions / text] generated by the AI tools as follows: [how did you build on it? What is your contribution to the work]."

Reporting on the use of artificial intelligence



- Example of a report:

We have used the following AI tools for the learning task: ChatGPT-4o (used on 4.5.2024), Microsoft Copilot (used on 5.5.2024), Keenious (used on 5.5.2024) and Napkin.AI (used on 6.5.2024). We used ChatGPT to outline the structure of the essay. We verified the suitability of ChatGPT's suggestions by checking that the proposed structure fits the assignment and is logical. We worked on ChatGPT's proposed structure ourselves, changing the position of paragraphs to make them more sensible and adding coherence to the text. We searched for background information and statistics using Copilot. We verified the accuracy of Copilot's proposals by critically reviewing the data sources it links to. We also searched for scientific information using Keenious. In addition, Figure 2 was created using Napkin.AI and we checked its content ourselves.