

## **UT General**

If Artificial Intelligence (AI) tools are allowed for completing an assignment several different levels are possible, i.e. only for certain purposes, only specific tools or completely free. It is required that students mention the use of AI. Therefore, when any form of AI is used, the use of these tools should be included in the appendix (list all tools that were used during the work). The following sentence should be used at the start of the appendix:

“During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the work.”

If there is nothing to disclose, a statement must still be included that no AI was used: “During the preparation of this work the author(s) used no artificial intelligence tools.”

Generally, all software (because it has the potential to include AI) that has been used needs to be disclosed, for example, but not limited to, tools for writing, searching, citing and analyzing data. Please be aware that the following programs could contain tools based on AI, generally included to improve language: e.g. (but not limited to) text processors (such as Word), spelling and grammar checks and potentially reference managers. Students using AI, without the explicit consent of the instructor and acknowledgement of the tool in an appendix, should therefore be considered to have committed academic misconduct.

## **Bachelor thesis:**

Use of Artificial Intelligence (AI), such as ChatGPT, is a big topic of discussion in higher education and the University of Twente. The bachelor's thesis allows some use of AI for following the [general guidelines of the UT](#).

AI can be used for the following purposes:

- Brainstorming and ideation
- Developing and testing argumentation
- Planning (group) tasks and assignments
- Summarising, clarifying or providing additional information on topics discussed in the course. However, in the case of discrepancies between explanations of AI models and supervisor(s)/assigned literature, only the explanation of supervisor(s)/assigned literature is considered correct.
- Copy-editing, including minor revisions for conciseness and clarity of writing and reformatting references.
- Receive feedback on the structure or flow of the text.
- Assist in programming and debugging Code in both Python and R (without using the actual data, see points below).

AI may not be used for the following purposes:

- Producing partial or complete products (including text, presentation, or design products) that are submitted as is.
- Summarising, transcribing, or otherwise handling data gained from interviews and/or putting in data files such as (own) R and CSV files. These data are sensitive and personal and may only be processed by tools for which the UT has a Non-Disclosure Agreement and a Data Processing Agreement (e.g. Amberscript) to ensure the safety of your work and patient partners.

It is required to mention the use of AI. Therefore, when any form of AI is used, the use of these tools should be included in the appendix (list all tools that were used during the work) or in a credits page added at the end of presentations. The following sentence should be used at the start of the appendix/credits page:

*“During the preparation of this work the author(s) used [NAME TOOL / SERVICE] in order to [REASON]. After using this tool/service, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the work.”*

If there is nothing to disclose, a statement must still be included that no AI was used:

*“During the preparation of this work the author(s) used no artificial intelligence tools.”*

If you use AI tools, you are responsible that the work created with help of these tools is accurate. You take full responsibility for any inaccuracies. This requires you to verify each output word and sentence for accuracy and common sense. Any teacher in the course is free to examine in any way if you have taken the necessary steps for safe and accurate use of AI tools and to examine (suspected) unpermitted or unreported use of AI in any way they see fit (e.g. additional oral examination, additional written assignment).

Suspicion that students have used unpermitted or unreported AI are reported to the Examination Board along with an explanation of the suspicion and any supporting documentation in the same way as any other suspicion of academic misconduct.