



GenAI Policy for IE477-478 does not distinguish group members. All the members of a group are collectively responsible for the use of GenAI policies.

Every time the group submits a report or a note to the academic advisor and course coordinators that is included in grading, a detailed disclosure of how GenAI has been used should be made. This makes sure that your GenAI usage is transparent. Details of the disclosure that will be made are available in the requirements for the reports to be prepared. Make sure you address these requirements, keeping in mind the following description of the GenAI Policy.

I. Rules for Allowed Uses

For this project course, the course coordinators may see four (not necessarily independent) ways to utilize GenAI sources: Literature Review, Support for Algorithm Code Writing (includes generating any descriptive, prescriptive and predictive model such as simulation model, a regression model, a forecasting model, a heuristic, etc., as well as designing a user-interface for implementation), Support for Optimization Modeling and Solution (including the generation of an optimization model, use of a solver, and analyzing the results) and Report Writing.

- **Literature Review and use of citations to support your work:**

Rule 1: Test the existence and accuracy of sources provided by AI tools. AI can sometimes generate plausible-sounding but fake citations. Testing implies reading the original text.

Rule 2: Cite the work of others that may be included in the answers generated by AI. Citing implies reading the original source.

- **Support for Algorithm Code Writing:**

Rule 3: The group is responsible for setting the conceptual framework for the algorithm. This framework is expected to be discussed over a reasonable time period within the group, with the AA and IA, and reported in the Project Management System utilized in the course (PMS).

Rule 4: The group is responsible for the output of the code written. Ensure that the group takes a critical perspective on the output, recognizing its inherent limitations. *Verification* of any descriptive/evaluative/optimizing algorithm and its associated code is part of the project's requirements. Make sure that you keep the prompts you use to obtain the final version of the code. The responsibility for the results obtained is solely with the group.

- **Support for Optimization Modeling and Solution:**

With reasonable prompts, AI may come up with a skeleton (pretty standard) optimization model ready to be used as an input to a solver. However, atypical constraints, variables and so on may not be described in the model, at least with the current AI tools available.

Rule 5: The group is responsible for setting the conceptual framework for the model. This framework is expected to be discussed over a reasonable time period within the group, with the AA and IA, and reported in the Project Management System utilized in the course (PMS).

Rule 6: The group is responsible for determining the level of detail needed for the optimization model. *Verification* of any descriptive/evaluative/optimizing algorithm and its associated code is part of the

project's requirements. Make sure that you keep the prompts you use to obtain the final version of the code. The responsibility for the results obtained is solely with the group.

- **Report Writing:**

Rule 7: Provide a detailed explanation on how AI was used, the prompts employed and any data provided to the GenAI. Clearly state which sections of your work contain AI-generated text.

Rule 8: The use of graphics or, in general, visualization tools requires a description of the material, as well as referencing. The output generated by AI can be particularly sensitive concerning the protection of intellectual property rights and personal data. Pay close attention to the potential for plagiarism in all forms (text, code, images, etc.) when utilizing AI-generated content.

II. Rules for Prohibited Use

Rule 9: Do not use GenAI to create content in the areas where you lack expertise or do not have sufficient knowledge to implement the rules stated above.

Rule 10: Do not use AI-generated work without a proper citation. This suggests that you report the date, the AI tool used, and the specific prompts used for the finalized version.

Rule 11: Do not use GenAI tools for processing sensitive, private or confidential information, regardless of whether you sign a Non-Disclosure Agreement (NDA) with the company. *Do not ask* for the actual data (unless needed for validation purposes), but as for synthetic data sets that still contain the particulars and are representative.

III. Remaining Disputes

The above set of rules is expected to cover most of the situations that might occur in a project course. Nevertheless, unforeseen situations may arise that create a dilemma. We would like the student group to ask the course coordinators in those situations. We refer interested parties to *Leiden Declaration on Artificial Intelligence and Mathematics*, [DOI: 10.5281/zenodo.20302944](https://doi.org/10.5281/zenodo.20302944), June 2026, as the main reference text to check possible conflicts.