

# Policy on the Use of Generative Artificial Intelligence in the Preparation of Academic Assignments

The preparation of an academic assignment is a significant activity that requires the ability to produce original content, develop coherent arguments, and demonstrate a deep understanding of the field of study and relevant research methodologies.

The use of generative artificial intelligence (AI) tools, such as ChatGPT or similar technologies, can be a valid support in some stages of drafting an assignment. However, their use must comply with principles of ethical and moral integrity, scientific research integrity, academic honesty, personal responsibility, and methodological transparency.

The Master's Degree Programs in Physics of Data adopt the University guidelines for the use of generative artificial intelligence, and for all specific aspects not already covered by University or Department of Physics and Astronomy regulations/guidelines, the content of this document applies.

**Violations of these rules will have consequences, such as failure of the related homework or exam. Repeated violations may lead to disciplinary actions, including possible removal from the degree program.**

Any reports of improper use of AI in the Bachelor's and Master's Degree Programs in Physics should be sent to the teaching office at [didattica.dfa@unipd.it](mailto:didattica.dfa@unipd.it) or via the Google form "Report of Anomaly in AI Use." These reports will be discussed by the CCLA-Physics of Data, which will identify corrective actions and the appropriate methods of implementation.

This document is reviewed at the start of each academic year.

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## 1. Permitted and Prohibited Uses

Artificial intelligence can be used for secondary activities not subject to direct evaluation, such as:

- Improving the readability and linguistic clarity of the text;
- Verifying the correctness of translations into foreign languages, where required;
- Supporting work organization through the generation of schemes, outlines, or drawings and illustrations;
- Assisting in organizing and analyzing large data sets, where appropriate;
- Tasks where its use is explicitly required, even partially;
- **Supporting in coding/debugging activities, provided it does not involve generating entire pieces of code or giving critical contributions without the student's own evaluation and knowledge of the content.**

It is not permitted to use artificial intelligence for performing tasks or activities of any kind if:

- It is not explicitly authorized;
  - The use of AI replaces, even partially, the effort/activity required from the student to be performed autonomously;
  - The use of AI compromises the authenticity and/or originality of the product/result of the required activity, especially if the product/result is subject to direct or indirect evaluation.
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## **2. Obligation of Reworking and Verification**

All content generated with AI support must be:

- Critically reworked by the student;
  - Verified and revised to ensure accuracy, logical coherence, and proper integration with academic sources.
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## **3. Source Management and Plagiarism Prevention**

The use of AI does not exempt the student from the obligation to:

- Correctly attribute bibliographic sources;
- Avoid any form of plagiarism, including AI-generated content that is not properly integrated and documented.

Given the difficulty of attributing precise sources to AI-generated texts, caution is recommended, and preference should be given to content written autonomously or supported by verifiable bibliographic references.

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## **4. Mandatory Declaration**

If AI is used in the preparation of an assignment, the student must:

- Include an explicit section at the beginning of the assignment describing in detail the purpose and mode of use of the generative AI;
- Specify which AI tools have been used, in which parts of the assignment, and for what purposes;
- Take full responsibility for all submitted content.