

AlTools

• ChatGPT, Bard

• Elicit, Scite

GitHub Copilot

• Midjourney, DALL E 2

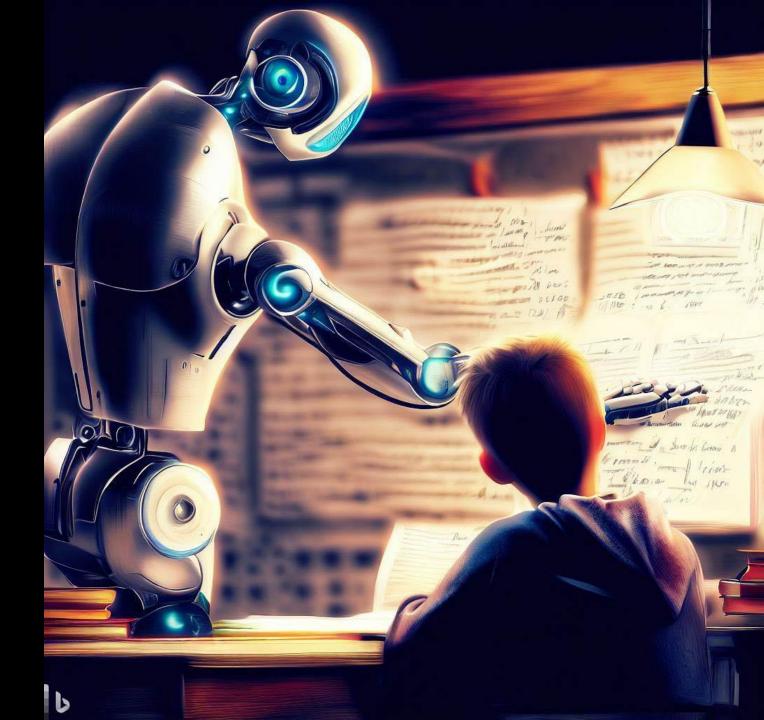


Al Optimists:

Improved learning

Preparation work life

Fairness





Al Pessimists:

Diminished learning

Unfairness

Academic integrity

Situation

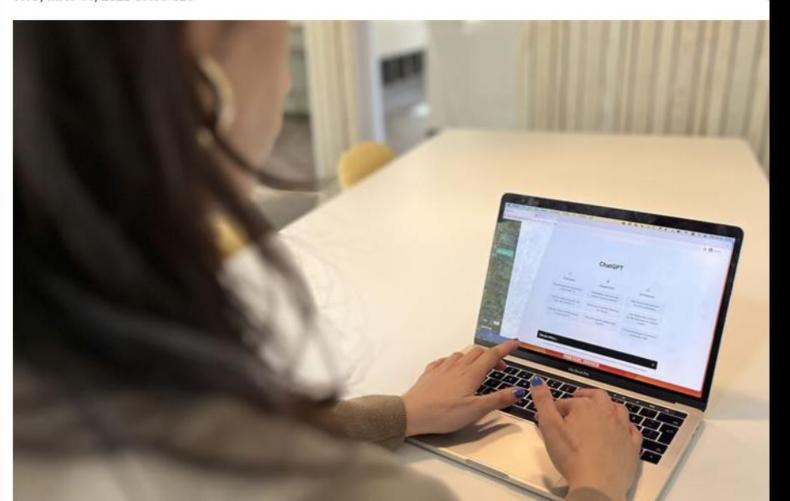
Two reasonable sides

Both vocal and opinionated



Students positive towards AI, but uncertain about what counts as cheating

THU, MAY 11, 2023 07:00 CET







Guidelines

University level

Program level

Course level



Announcement: The Usage of Al Tools (Policy)

07/06/2023

Prof. Dr. Volker Markl
Chair of Database Systems and Informa:on Management (DIMA)
Technische Universität Berlin

June 7, 2023

Policy Statement.

1. Effective immediately, as a general policy, we do not permit the use of ChatGPT or other large language models (LLMs) in DIMA for the preparation of research papers, technical reports, theses, PhD dissertations, or any other original work.

Jyväskylä University School of Business and Economics (JSBE) has created the first set of guidelines for the use of artificial intelligence (AI) applications and language models in student assignments. The policy is generally permissive, because the intent is to teach students to use the emerging technology correctly and responsibly.



JSBE allows the use of AI in studies. JSBE has made a policy that the use of AI should not be prohibited or strictly limited in studies.

"Our view is that AI applications are an emerging technology and an important part of future job skills. They already have many use cases that are generally useful and can help student, so instead of restricting, we want to guide the students about their possibilities," says Vilma Luoma-aho, Vice Dean of Education at JSBE.

Invigilated exams versus assignments and projects

During classical written exams and digital exams in the <u>TUD secure exam environment</u>, students do not have access to the internet, and therefore your students cannot access online AI tools. The same holds for oral exams that are held on campus.

On the other hand, if students work on assignments (exam-like or other) outside an exam hall and without invigilators (Dutch: surveillanten), the use of AI tools cannot be prevented.

Advice for fraud prevention in (non-invigilated) assessment

- + 1. Discover possibilities and limitations and discuss them with your students
- + 2. Safe use of AI tools and plugins
- + 3. Be transparent and explain your choices
- + 4. Attribute correctly
- + 5. Reduce the need for students to rely on AI tools by making them feel confident
- + 6. Focus on the process
- + 7. Take fraud detection measures



Perceived legitimacy

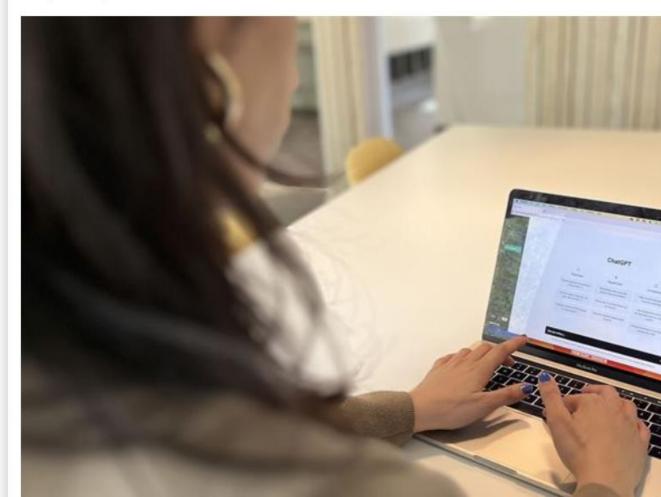
the right to exercise authority



Rule-following under disagreement

Students positive towards Al, but uncertain about what counts as cheating

THU, MAY 11, 2023 07:00 CET



Perceived legitimacy

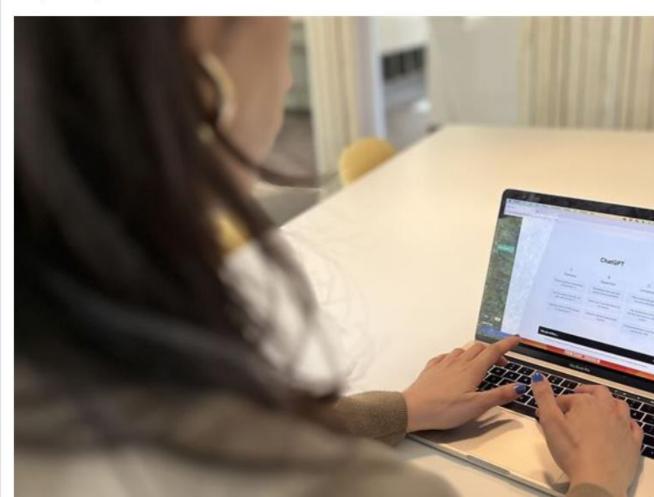
• Faculty: large lee-way

 Students: motivation, action

Both pessimists and optimists

Students positive towards AI, but uncertain about what counts as cheating

THU, MAY 11, 2023 07:00 CET



The problem

Powerful Al tools (e.g., LLM)

Student use in higher education?

Different views

Guidelines and perceived legitimacy

Producing perceived legitimacy

Preparation

Decision and Justification

Implementation

Preparation

Transparency in process

Include all stakeholders or representatives

Faculty, students, other personnel

Higher quality decisions

Preparation

- Set up clear norms:
 - Equality of discussion,
 - 2. Reciprocity,
 - 3. Reasoned justification,
 - 4. Reflection,
 - 5. Sincerity, and
 - 6. Respect



Decision and Justification

Decision & Justifications = Clear and Transparent

- Shared values:
- 1. Quality of education,
- 2. Students' success after graduation,
- 3. Academic integrity

Decision and Justification

- <u>Also</u>:
 - a. Include other viewpoints
 - b. Take them seriously
 - c. Show why they fail

Focus on positive, not external inevitable facts

Delivered in person

Implementation

• Give the 'losers' (if any) something

• For example: resources and responsibilities

In conclusion

Policies for managing AI in higher ed is essential

Perceived legitimacy requires a well-devised process

• Preparation, decision & justification, implementation



Thank you for listening!