

Use cases & group projects

Digital Humanism Summer School 2025

The assignment

- A collaborative group mini-research project
- Groups of 5
- Interdisciplinary approach
- Challenge based, related to the Digital Society
- 2 hours per day reserved
- Presentation and discussion on Friday
- Individual report (for ECTS – study credit) – due X.September

Use cases (to choose one per group)

- EU Commission – supervisor Monika Lanzenberger
- AI for Art and the Creative Sector – Tool or Threat supervisor Leeuw van Moerkerken
- Information Cascades
- AI and the Future of (Higher) Education
- LLMs and small indigenous languages of the world

How to approach ?

- Open ended projects
- Group discussions, expert consultation, brainstorming, modeling, coding, literature investigation.
- No trivial answers – discussion and arguments
- Group presentation & Q&A on Friday by all group members

Now for the use cases...

How can we use AI language models to support human creativity, without replacing it?



Leeuw Film



By Leeuw van Moerkerken, Film & theater director
from Amsterdam

AI and Art –

“Many people seem to think that soon all music, images, films, books, and articles will be generated by AI, and that this will mark the end of human-made art. But this won’t happen anytime soon, because AI approaches creativity in a way that is fundamentally different from humans.

The art world is in turmoil over the AI revolution. Some claim that the human creative process is outdated and that AI is already a better artist than any human could ever be; others bury their heads in the sand, refusing to acknowledge AI’s power and thereby shutting themselves off from the possibilities it offers. You’re almost forced to revisit the age-old question: when is something art? But I won’t wade into that level of philosophical barroom chatter. What I’m interested in is the difference between the human artist and the artificial one.”

Subquestions

- What are the differences between human and AI creativity?
- Is AI a threat or an opportunity for art, literature, and music?
- In what ways can AI support creativity?
- Is AI competition for humans in the creative field?
- What challenges will the creative sector face in the coming years with AI?
- **Assignment**

Assignment

- Presentation content, originality,
- In pairs (or individually), you will work on a creative production in which you use AI as a tool.
- **Guideline (you may deviate from this):**
- Choose a well-known film franchise (e.g., *Harry Potter*, *Shrek*, *Alien*).
- Develop a story outline for a sequel, prequel, or spin-off.
- Use AI language models during the creative process.
- Continuously reflect on the balance between your own contribution and the role of AI.

Alternative options

- Song lyrics or a music piece with AI.
- Visual concept (poster, character design).
- A creative application in your own field of research.

Presentation criteria

- As a group, you will present your findings on the sub-questions and the central question.
In subgroups or individually, you will present your own creative production.
- In the presentation, discuss:
 - The creative production (story outline or alternative).
 - The process: how and for what AI was used.
 - Reflection: your own role vs. AI, and the opportunities/threats you see.

Information Cascades



MSc Computer Science
Software Engineering and Green IT

Master Thesis

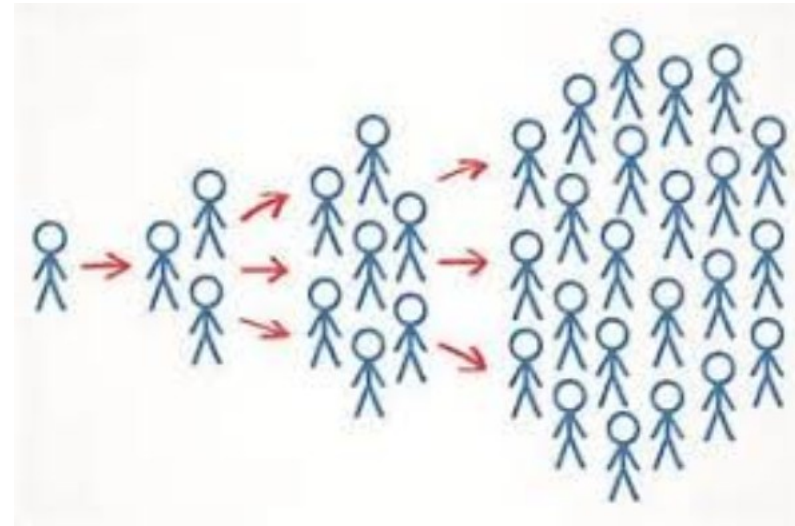
Beyond Closed Doors: An Open-Source AI Framework for Forecasting Armed Conflict

by

Oleksandr Zakotianskyi

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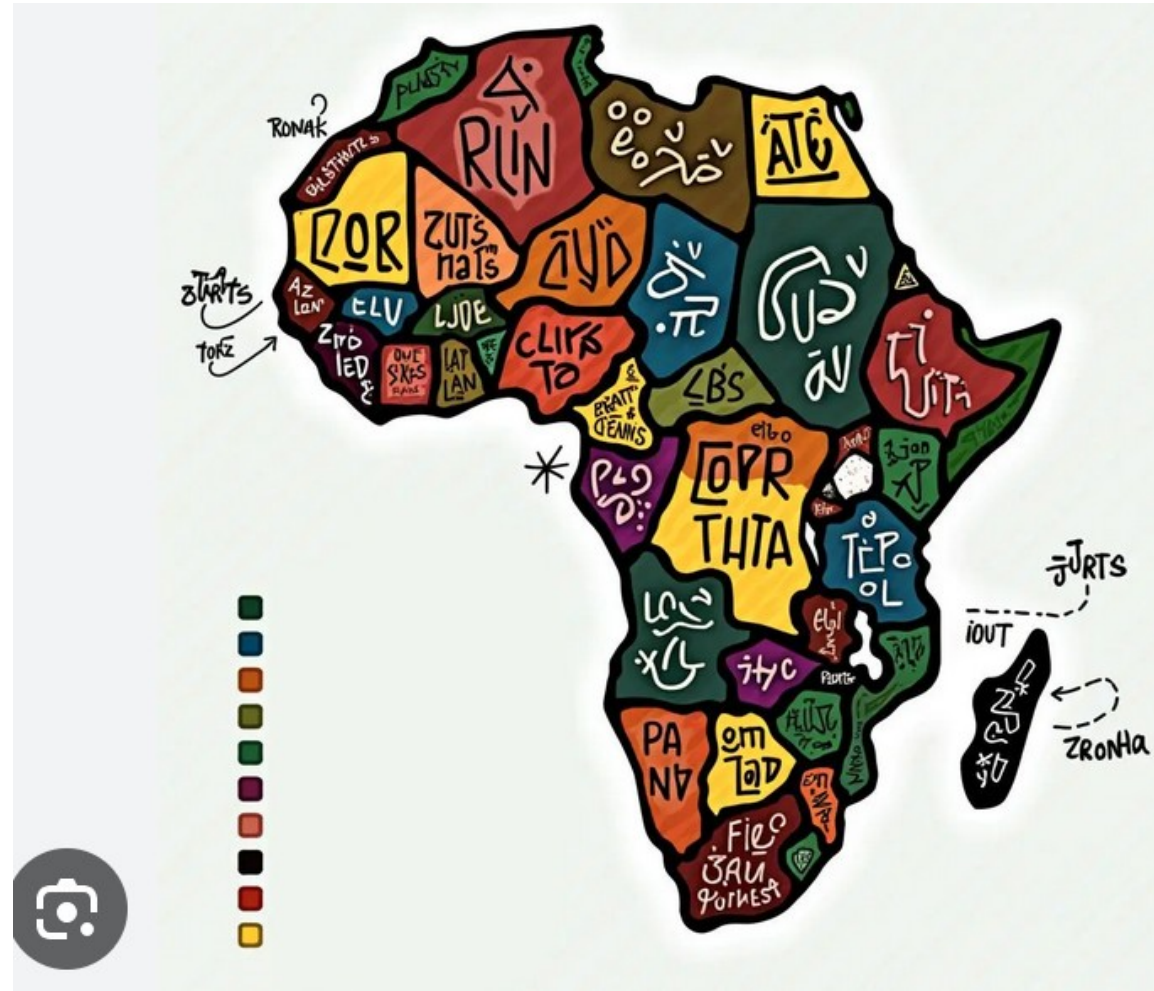
Supervisors: dr. Anna Bon
prof. dr. Julia Schaumburg
Date: August 21, 2025
Credits & Period: 30 ECTS, January 2024 - August 2025



What about AI and the Future of Higher Education?



AI and small African Languages



What will the future look like with AI and what can we do?

- Future of education
- Future of Art & creativity
- Future of information production and dissemination
- Future of policymaking and citizenship
- Future of the digital divide

How to do it?

- Answer to the RQ should be solution oriented + analytical
- Challenging your critical thinking
- Methods can be mixed: interviews, discussion, literature review, modeling, thought experiments, exploring multiple perspectives.

How to report?

- Explain the choice for your method/approach
- Present your proposed solution
- Give good arguments for your solution
- Limitations & Future work

Success!