

Regulating Artificial Intelligence at Corvinus

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Why are we talking about AI...?

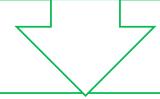


The last two decades witnessed the increasing dominance of various waves of Artificial Intelligence and related technologies

Big Data / Machine Learning

Generative Tools / LLMs

Al Agents and Agentic Framework



These technological innovations are not only "disruptive" but also have substantial impact on the *natural and societal* environment – and both technological innovations and socio-economic changes that follow are happening very fast causing substantial uncertainty

General challenges...



Al, especially Generative tools face many problems and challenges

- Legal issues: copyright of training content, data protection, etc.
- Ethical issues: biased and unclear data, unknown sources, lack of transparency
- Quality problems: no fact checking, these are not databases, stochastic samples
- Environmental concerns: huge energy and water consumption, CO2 emissions

A lot of <u>uncertainty in the market</u>: investments, start-ups and lack of business models - consolidation is expected – new "bubble"?

- **Speed**: announcements keep coming (Google, Microsoft / Open AI, Meta, xAI, etc.)
- **Developers**: business models, fee and licence structures are unclear and different
- **Users**: even big companies are cautious huge investment, substantial impact
- Labour market: which jobs and industries affected most what are the new skills?

(G)AI is a disruptive force in education too





- Generative AI (ChatGPT, Gemini, CoPilot, ...)
 in education is a Faustian pact:
 - can help to learn faster & more, being more effective
 vs.
 - delegating tasks to Al tools without learning at all
- Al pose a paradigm-shift challenge to education
- The legal, ethical, and rational answer to this challenge can be different – even defining cheating is not straightforward
 - translating words, correcting grammar, discussing with friends, discussing with Al...

Areas of interest for Institutional Regulation



Types of Al

Machine Learning & predictive models

Generative AI

– LLM

Agent framework

Students

Learning

As part of special programs and some courses

Every student

– efficient,
ethical, and
sustainable
use

Academic Staff

Teaching

Certain programs and courses

Impacts most courses and thesis-writing

Research

Used in several fields

Used in research activities – researchable

Non-academic Staff

Grant and Research Management

Usable if there is enough reliable data

Can support several tasks Support and operations

Has potential in a few areas (churn, HR, ...)

Under investigation ...

Key Concerns

Bias

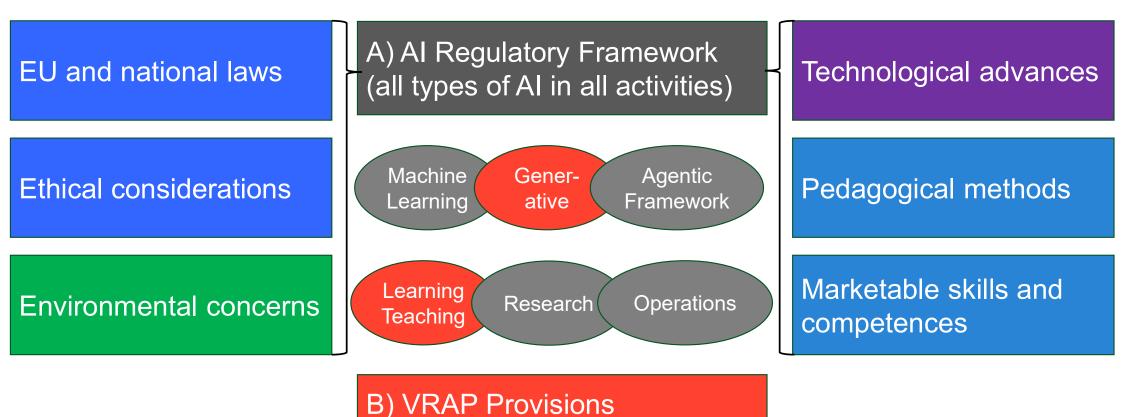
Copyright, plagiarism, individual work

Security

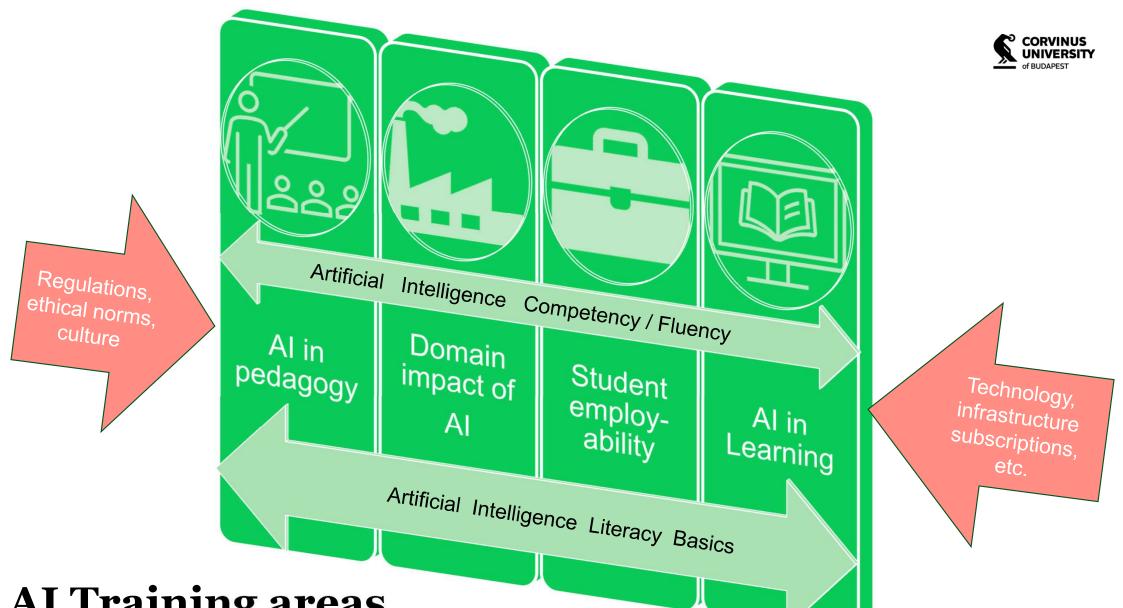
Under investigation...

How Corvinus regulations are shaped...





C) Individual study programme and subject level responsibilities



AI Training areas



Thank you!

