

THE PANORAIMA MANIFESTO

HUMAN-CENTERED ARTIFICIAL INTELLIGENCE EDUCATION



AI is a powerful technology that can drive innovation and efficiency in solving the complex challenges society is facing, but if left unregulated, it also poses serious risks.

With PANORAIMA, we are establishing a cross-European standard for education in human-centered and responsible AI, addressing both opportunities and challenges.

We develop educational programs that are scalable, implementable, and adaptable across institutions and national contexts.

Our curricula offer multiple student paths and bridge disciplines, from healthcare to law to the humanities, spreading the vision of human-centered AI across Europe and beyond.

Our educational design is future-proof: continuously updated, modular, and ready to evolve as AI and the societal implications of its applications change.

AI reshapes economies, societies, and individual lives; we educate the next generation of AI practitioners who will ensure that this technology upholds human dignity.

**HUMAN-CENTERED,
RESPONSIBLE AI
IS ACHIEVED BY
HOW WE EDUCATE.**

Join our community

We are a tight-knit pan-European community of educators, researchers, institutions, excellence centres, and SMEs united by a shared conviction: that the trustworthiness, safety, and societal value of Artificial Intelligence depend fundamentally on how we educate and communicate with the next generation of professionals.

This Manifesto is an invitation. If you share these beliefs, regardless of your institution or discipline you belong in this group.

Our educational practice is built on five pillars:

1 Human-centered AI: designed by, for, and with people

We teach students to place human agency, dignity, and well-being at the centre of every AI system they design or deploy.

Our approach is grounded in the EU framework for Human-Centered AI: technology must be designed by humans, for humans, in genuine partnership with humans. In an era of agentic AI, we insist that human oversight and critical thinking take precedence over technological capability.

We educate practitioners to only use AI where it adds clear value and benefits people, while also equipping them with the knowledge and tools to identify, assess, and mitigate the risks and unintended consequences that AI systems may pose.

2 AI for all: leaving no one behind

AI affects everyone, and its development must reflect that reality. We champion social justice, gender inclusivity, solidarity, equity, and diversity in our target audience, the content of our programmes and the composition of our community.

We teach AI skills to both ICT specialists and students from non-technical disciplines. We see accessibility, sustainability and social impact as crucial design requirements.

We teach students to develop AI systems that empower people, enhance human capabilities, and foster meaningful collaboration between humans and machines. We thereby deliver socially conscious practitioners who build technology significant to society and labour market, without leaving anyone behind.

3 Responsible AI: ethics built in

We commit to building AI that is reliable, responsible, and trustworthy, and fully aligned with legal and ethical standards.

Ethical values and integrity are not afterthoughts: they are woven into every module, project, and assessment from the very beginning. We teach that AI models can only be created and used

with human data when there is explicit consent from subjects. We recognise our responsibility to the planet: AI must be sustainable, climate-conscious and support the welfare of animals and nature.

Our graduates will not only understand algorithms, but also the social, ethical, legal, environmental, and technical challenges that arise where technology and society meet.

4 Universal values as the compass

Our work is rooted in widely shared human values; democracy, human dignity, individual freedom, equality, and the rule of law, as reflected in Article 2 of the Treaty of the European Union.

We stand up for AI that is developed and governed under democratic oversight rather than given up to unregulated commercial or geopolitical interests.

As a pan-European network, while engaging with global partners, we set cross-border standards for human-centered AI education, connecting private and public sectors, bridging borders, disciplines and cultures, and fostering intercultural collaboration.

5 Applied AI: from research to real world application

Great research only makes a difference when it is put to use. We focus on the implementation of human-centered AI in the real world— turning cutting-edge AI into reliable, safe, and practical solutions.

Our programmes connect research excellence to current industry practice, ensuring that the latest innovations do not remain at the margins but become part of everyday applications, decision-making, and professional workflows. In this way, we bridge the gap between experimental breakthroughs and widely used, trusted systems.

We promote open-source development, wide dissemination, and cross-border collaboration, to ensure responsible AI becomes a tool with real impact and reaches those who need it most.