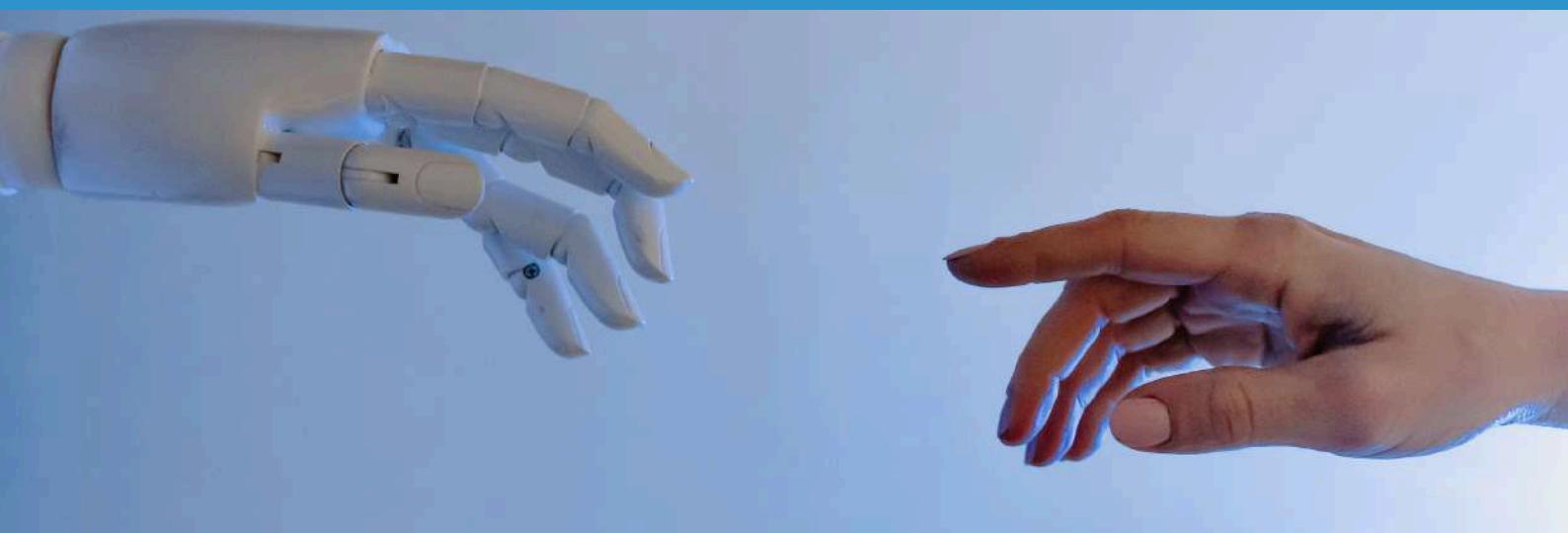


EDUAI

EMPOWERING EDUCATORS FOR AI- INTEGRATED LEARNING



Project Objectives

- Integrate AI into Social Sciences Education:** Create a framework and tools to help educators effectively incorporate AI into teaching, boosting student engagement and outcomes.
- Enhance Digital Competencies:** Offer training and resources to equip educators with the skills to confidently use AI tools and adapt to the digital education landscape.

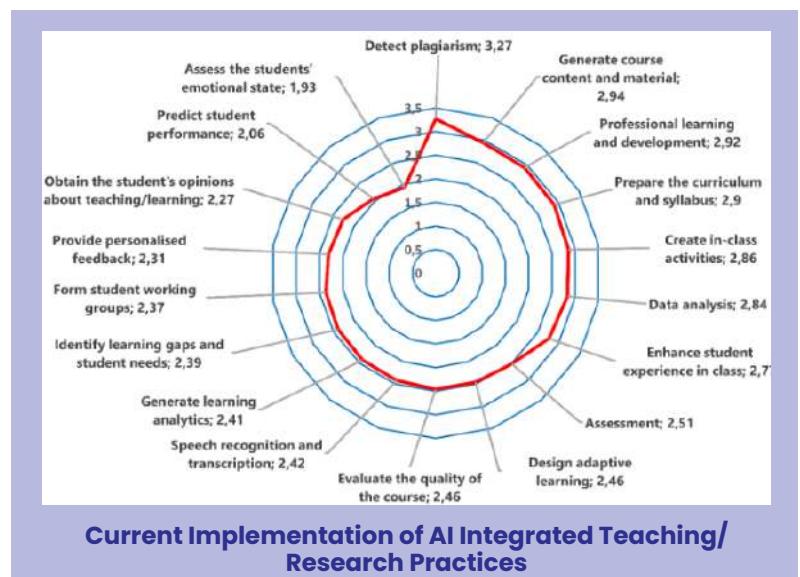


- Promote Ethical and Transparent AI Use:** Develop guidelines and materials that prioritize data privacy, transparency, and inclusivity for responsible AI integration in classrooms.
- Foster Collaboration and Innovation:** Build a network of educators and stakeholders to share practices, inspire innovation, and advance AI adoption in social sciences.

OUR WORK SO FAR

RESEARCH

The first stage of the EduAI Project has officially concluded, marking a significant milestone in our journey to integrate AI into social sciences education. This phase focused on comprehensive research through surveys and interviews with educators and key stakeholders in the education sector.



FINDINGS

We surveyed 295 individuals in the teaching sector from **Türkiye, Poland, Greece, Portugal, and Germany**.

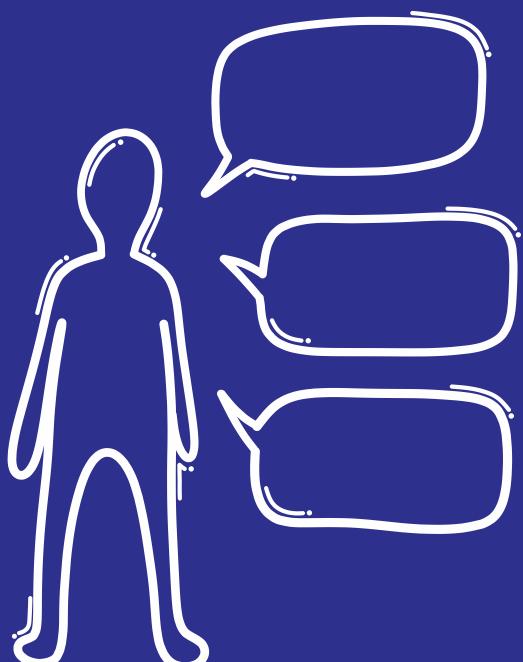
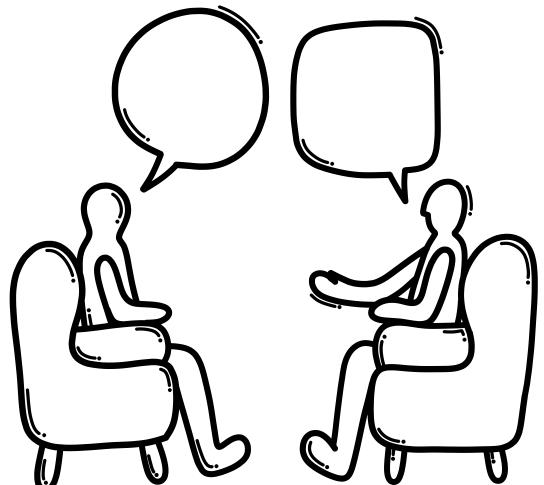
- Educators' AI Familiarity:** Most participants are familiar with AI tools like chatbots and plagiarism detection systems, but less so with advanced tools such as adaptive learning platforms and AI-enabled simulations.
- Behavioral Intentions:** Educators show a significant inclination to adopt AI tools, driven by perceptions of their usefulness and ease of use. However, resistance to change negatively impacts adoption intentions.
- AI's Role in Education:** AI tools are seen as beneficial for automating routine tasks, supporting personalized learning, and enhancing instructional strategies. However, challenges such as ethical concerns, trust issues, and technical barriers persist.
- Professional Development Needs:** A need for more targeted training to improve educators' AI-related skills and address gaps in AI literacy was emphasized, particularly for advanced tools and ethical use.

COMING UP

THE PIONEERS

We are now in the process of developing inspiring documentaries of pioneering educators who are successfully integrating AI into their teaching practices across each partner country.

These stories will highlight innovative approaches, best practices, and real-world applications of AI in education, serving as role models for educators globally.



Each documentary will not only reflect the diversity of AI adoption across different contexts but also demonstrate how educators are overcoming challenges, fostering inclusivity, and driving innovation in their classrooms.

The information gathered during the research stage of the project will be used to ensure that the project materials such as the AI Learning Course & Platform, the Co-creator Lab Guide and Podcasts series will address the current needs of the target group.

OUR ACTIVITIES

THE KICK-OFF

The European Teachers Academy hosted the project Kick-Off meeting in Krakow Poland on June 10-11.

Guided by the project coordinator, Istanbul University, the partners gathered to discuss the project materials and the needs of the target group to ensure that EduAI will successfully help educators in seamlessly integrating AI into their practices.



The project consortium

THE TRAINING

The first EduAI LTAA was also held in Krakow, following the first project meeting.

Eduardo Amaro and Carlota Flieg, from AidLearn, taught partners how to identify, analyse, and distinguish the different elements of the film making and podcast production process and their pedagogical application.

EduAI will develop podcasts and documentaries showcasing pioneers in AI practices.



The filming process

OUR ACTIVITIES

REVENUE MANAGEMENT & PRICING IN SERVICES CONFERENCE



The 2024 Revenue Management & Pricing in Services Conference, taking place in Madrid, Spain, brought together academic and industry leaders to explore innovations in revenue management and pricing. During the event, Dr. Sahin shared initial insights from his ongoing research on implementing a Generative AI-integrated instructional design model to enhance revenue management education. This platform also provided an opportunity to introduce the EDUAI Project to an international audience, highlighting its mission to empower educators with AI-integrated learning strategies.

THE SOCIAL SCIENCES AND ARTIFICIAL INTELLIGENCE: THEORY AND PRACTICE CONFERENCE



The Social Sciences and Artificial Intelligence: Theory and Practice Conference was held from December 18th to 20th. As part of the EDUAI team, researchers Gürel Çetin, Elif Kartal, İbrahim Cifci, and Cem Karatay presented a study titled Challenges with AI Adoption in Social Sciences Teaching. This presentation shared preliminary findings from the EDUAI Project, focusing on barriers educators face when integrating AI into their teaching and exploring the concerns surrounding AI usage in higher education. The session featured enriching discussions with valuable contributions from attendees and panelists, further underlining the relevance of AI in social sciences education.

OUR ACTIVITIES

"UTILIZATION OF AI IN HIGHER EDUCATION" SEMINAR

Gurel Cetin, the project coordinator of EduAI, joined an online session as a guest of Prof. Ulas Basar Gezgin for his Academic Seminar Series. Prof. Cetin presented preliminary findings of the EduAI framework exploring AI Integration into Higher Education Teaching.

The discussion covered a range of topics, including the acceptance rate of AI utilization among educators and students, associated costs, the importance of data collection, AI training programs and involved companies, usage areas of AI in higher education, integration into administrative processes, accountability, and the potential effects of AI in various academic areas.



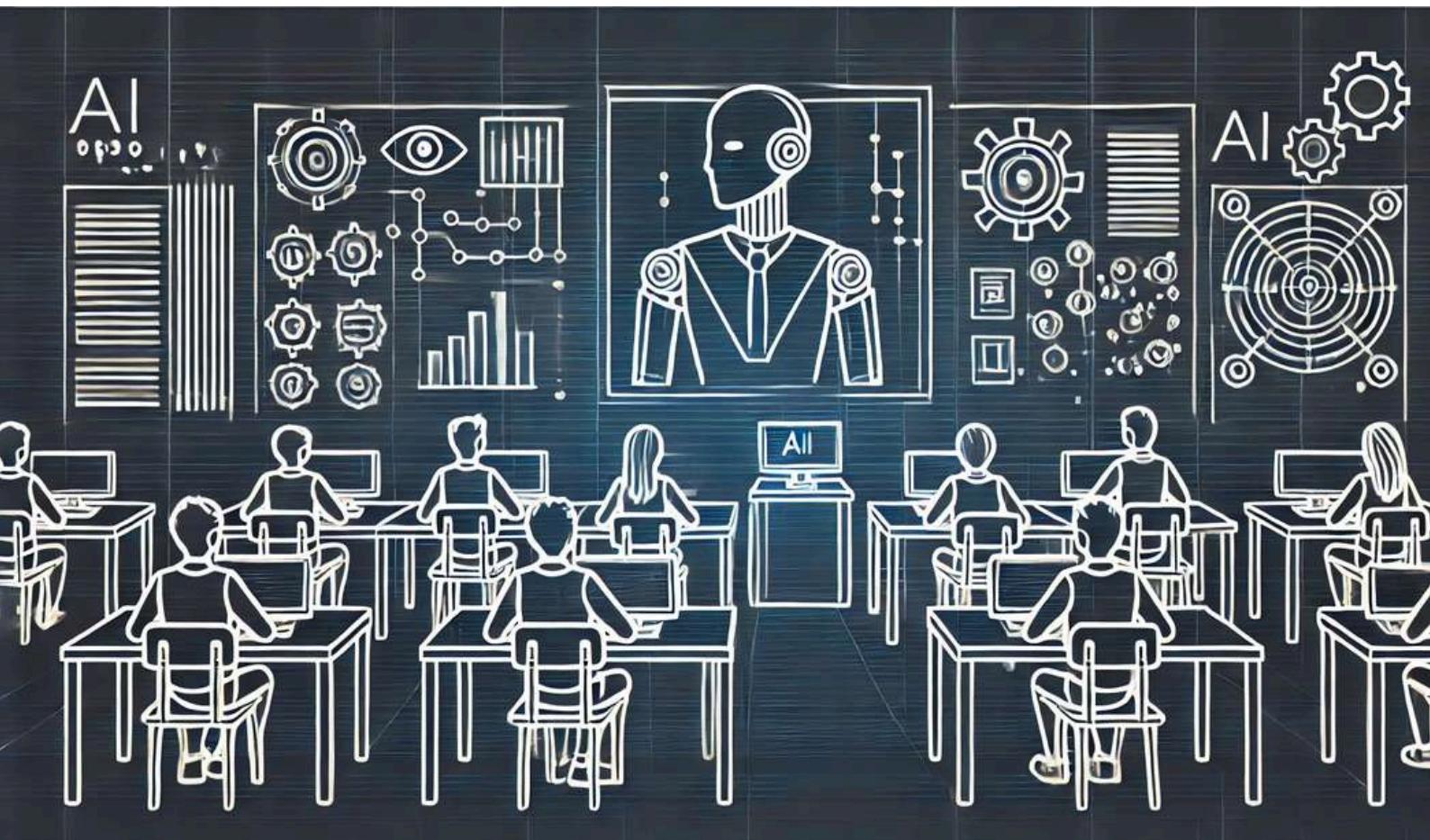
The analysis is designed based on empirical data gathered through interviews (26 informants) and questionnaires (200+ participants) with higher education instructors.

Qualitative data produced as transcripts of interview recordings were content analyzed. Quantitative data was used in various statistical analyses to derive conclusions.

Supplemented by primary and up-to-date empirical data, the report offers a structured guide to help instructors and HEIs to leverage AI tools effectively across the teaching cycle.

CONCLUSIONS

- Adopt Incrementally: Begin with basic tasks and pilot projects to identify effective uses.
- Invest in Training: Prioritize AI literacy and technical competencies.
- Focus on Ethics: Develop and communicate guidelines to address plagiarism, bias, privacy and accountability.
- Plan for the long-term: Remember AI can not replace instructors who use it to continuously develop what they do without becoming dependent on it. So ensure sustainable investment on creative skills, critical thinking and human intelligence, continuous improvement and integration of AI as an ally rather than a foe.



SPECIAL ISSUE

USDAD's journal, Ankara International Journal of Social Sciences, issued a special call on AI and higher education. Four valuable contributions from the EduAI team were published in this special issue, showcasing their contributions to the field.

The journal aims to provide valuable articles to the field of social sciences on a national and international basis through a meticulous evaluation process and timely issues, and to create a common academic platform in various fields of social sciences.



- Cifci, I., Cetin, G., Karatay, C. & Şahin, M. A. (2024). Educators' AI interactions in higher education. Ankara International Journal of Social Sciences, Artificial Intelligence and Social Sciences Teaching Special Issue, 52-64.
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- Çetin, G., Karatay, C., Kartal, E., Şahin, M. A., Cifci I. (2024). Challenges with AI Adoption in Social Sciences Teaching. In Congist'24 Social Sciences and Artificial Intelligence: Theory and Practice, İstanbul/Türkiye.
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