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Exploring the practical applications of AI in higher education: a hands-on workshop

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Keywords

Artificial Intelligence; Higher Education; Generative AI; ChatGPT;

Abstract

Presentation Overview: Join us for an interactive workshop that goes beyond the basics of Artificial Intelligence (AI) to explore its real-world applications in higher education. This session is designed to empower participants with the skills and knowledge needed to integrate AI tools into their teaching practices. We will kick off with a comprehensive introduction, defining key terms and specifying the level/type of AI under discussion. Our focus is on utility, not fear. We will provide real-world guidance, drawing from ongoing research projects and real-life implementations at OHSU, including examples from the RNBS and MNE programs and the Teaching and Learning Center. The workshop will also showcase examples of AI integration in other institutions and address the crucial topic of bias in AI. Participants will be equipped with valuable takeaways, having collaboratively developed activities and ideas through interaction and engagement with the facilitators, as well as with one another. The workshop promises an immersive experience that provides actionable insights, and practical application, from the dynamic world of AI in higher education.

Workshop Objectives

- **Create Innovative Course Integrations:** Through collaborative activities, participants will creatively brainstorm and develop innovative ways to integrate AI tools into coursework, fostering a creative mindset and exploring novel approaches to teaching and learning.
- **Reflect on Personalized Implementation:** Each participant will reflect on their own teaching context and setting and consider how the presented AI tools might be personalized and applied.
- **Analyze Institutional Readiness:** Workshop attendees will analyze the readiness of themselves, and their institutions, for adopting AI in education. Evaluating potential challenges and opportunities, and reflecting on strategies to navigate the implementation process effectively.

Interactive Engagement Element

Active learning is at the core of our workshop, with participants engaging with the material through a menu of activities designed to customize the learning [note sure I love this wording]. Examples may include a “Chat-GPT 101” style introduction to the tool, the integration of AI ideas into coursework, considerations for syllabus and policy development, and exploring ethical challenges and solutions. Attendees will have the opportunity to collaborate in small groups and share their insights with the larger audience.