



Develop your teaching your way

Ethical AI Use in Assessment

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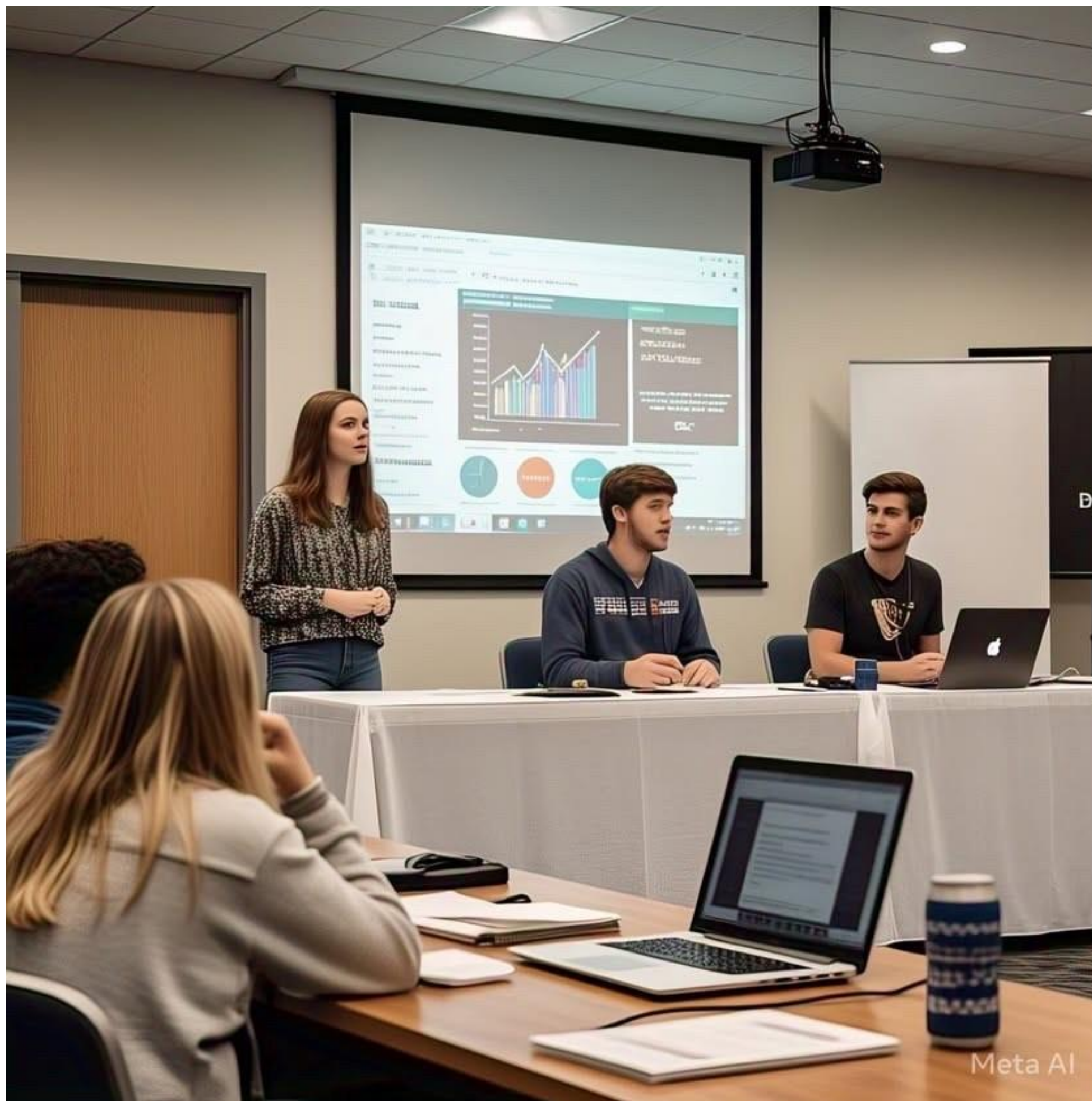
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AI and Assessment in Higher Education



		Diagnostic	Formative	Summative
Tests and assignments that measure students progress	Formal			
Observations and less structured methods of feedback for students	Informal			
A combination of both point-based assessments and classroom activities	Mixed			
		Identify students' existing knowledge, skills, and misconceptions before starting a new unit or course	Monitor student learning and provide ongoing feedback to improve teaching and learning	Evaluate student learning at the end of a unit or end of a class by comparing it against some standard or benchmark

Rethinking Assessment in the AI Era



Old Lens:  "Can students use AI to cheat?"

New Lens:  "Does this assessment still measure what I want it to?"

If AI can complete it...	Then ask:
Without student input	 Is it still assessing thinking, process, or authentic learning?
With little modification	 Can we revise it to better capture learning outcomes?









 *Good assessments don't block AI—they reveal learning even when AI is present.*



Looking at Assessments through the Lens of Validity

- VALIDITY=DOES IT REPRESENT THE ACTUAL CAPABILITY
- ASSESSMENTS THAT USE A SCAFFOLDING SYSTEM OF LAYERED TASKS LEADING TO AN END PRODUCT

Why Incorporate AI into Assessments?

-  Workforce Readiness – Builds AI literacy for modern careers.
-  Shifting from Policing to Empowering – Reduces stress and fosters trust.
-  Enhanced Engagement – Makes learning more interactive and meaningful.
-  Higher-Order Thinking – Encourages analysis, evaluation, and synthesis.
-  Equity and Accessibility – Supports diverse learning needs.
-  Real-Time Feedback – Enables iterative learning and growth mindset.
-  Mirrors Professional Use – Reflects how AI is used in real-world jobs.
-  Faculty Scalability – Helps manage feedback and track outcomes efficiently.

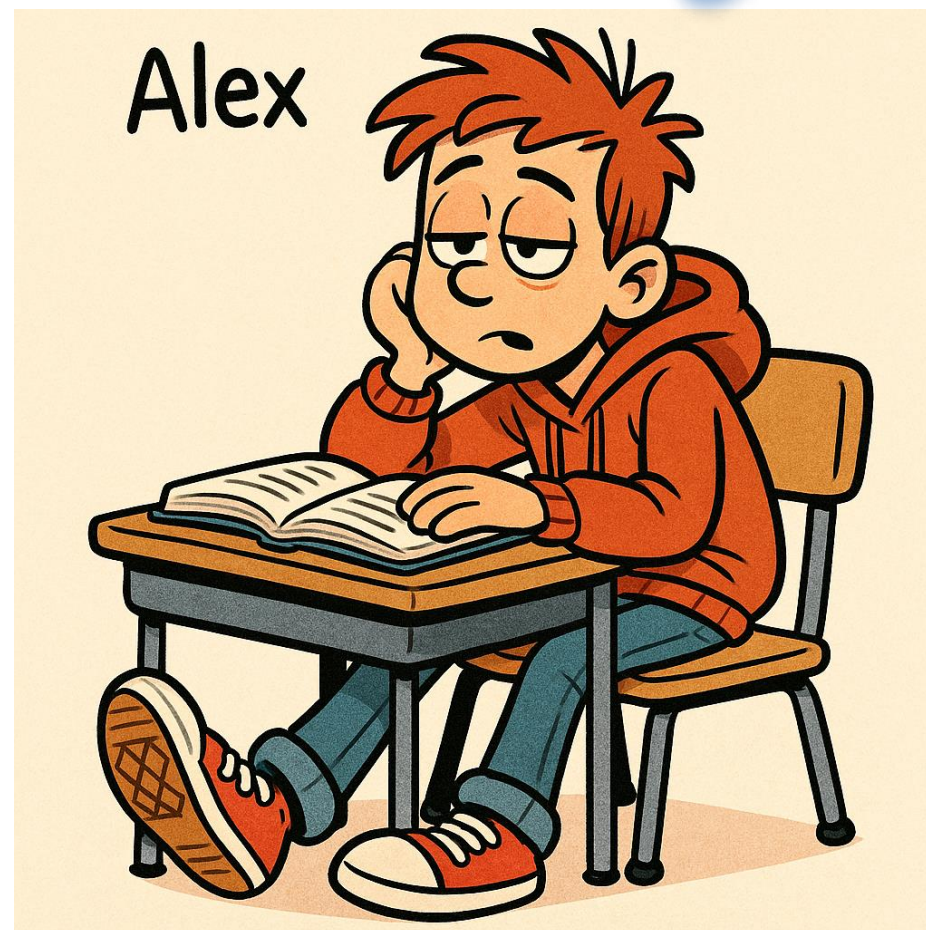
Alex's Approach

- Quick solutions
- Give me the answer
- Tell me what I should write



Ben's Approach

- Seeks understanding
- Looks for collaboration
- Has original thoughts



The Class Essay



Examples Of Assessments

- Scaffold Assignments Using the AI Assessment Scale
- Case Study Creation Assignments
- Collaborative Interview Assignments
- ChatGPT (Study Mode); Gemini (Guided Learning Mode)
- NotebookLM Resource Assignment

Scaffolded Assessments



- 1. Create boundaries for students:** Designate **When and How** students can use AI (AI Assessment Scale) throughout the process
- 2. Tighter, Transparent Rubrics:** Focus on Higher-Order Skills: critical thinking, creativity, and application; Elements of AI use—reflection, ethical use, strengths/weaknesses
- 3. Periodic Check-Ins:** Progress Meetings to discuss drafts, challenges, and thought processes. :

The AI Assessment Scale

1	NO AI	<p>The assessment is completed entirely without AI assistance in a controlled environment, ensuring that students rely solely on their existing knowledge, understanding, and skills</p> <p>You must not use AI at any point during the assessment. You must demonstrate your core skills and knowledge.</p>
2	AI PLANNING	<p>AI may be used for pre-task activities such as brainstorming, outlining and initial research. This level focuses on the effective use of AI for planning, synthesis, and ideation, but assessments should emphasise the ability to develop and refine these ideas independently.</p> <p>You may use AI for planning, idea development, and research. Your final submission should show how you have developed and refined these ideas.</p>
3	AI COLLABORATION	<p>AI may be used to help complete the task, including idea generation, drafting, feedback, and refinement. Students should critically evaluate and modify the AI suggested outputs, demonstrating their understanding.</p> <p>You may use AI to assist with specific tasks such as drafting text, refining and evaluating your work. You must critically evaluate and modify any AI-generated content you use.</p>
4	FULL AI	<p>AI may be used to complete any elements of the task, with students directing AI to achieve the assessment goals. Assessments at this level may also require engagement with AI to achieve goals and solve problems.</p> <p>You may use AI extensively throughout your work either as you wish, or as specifically directed in your assessment. Focus on directing AI to achieve your goals while demonstrating your critical thinking.</p>
5	AI EXPLORATION	<p>AI is used creatively to enhance problem-solving, generate novel insights, or develop innovative solutions to solve problems. Students and educators co-design assessments to explore unique AI applications within the field of study.</p> <p>You should use AI creatively to solve the task, potentially co-designing new approaches with your instructor.</p>



Scaffolded Assignment Example



- **Stage 1: Topic Exploration and Proposal (AI-Assisted)**
- Students use AI tools to (AI Assessment Scale Level 2):
 - Generate potential research topics in psychological research methods
 - Explore initial background information
- Students must (AI Assessment Scale 1):
 - Select a topic and provide a personal rationale for their choice
 - Explain how they critically evaluated AI-generated topic suggestions
 - Submit a 2-page proposal outlining research question and preliminary objectives

Case study assignment



- Use an AI tool (ChatGPT, Claude, Gemini, Copilot, Meta, Grok, Snapchat AI) to help you generate your fictional case study. Input the following prompt to get started:
- “Create a fictional case study for an Introduction to Psychology class to explain classical conditioning. The case study should be set in the context of [insert interest here, e.g., sports, gothic literature, gaming, etc.]. Please help me:
 - 1. Develop a brief story where classical conditioning occurs.
 - 2. Do not identify the unconditioned stimulus (US), unconditioned response (UR), conditioned stimulus (CS), and conditioned response (CR), but make sure I will be able to label these aspects. It would be helpful to also have aspects of acquisition, extinction, generalization, and discrimination, but again, do not label these areas; allow me to identify them.
 - 3. Include details that make the story realistic and engaging.”

Expert Interview Example

- I am a college student in a college psychology class. Pretend like I am a guest expert on a news show. Ask me questions about classical conditioning. Ask me one question at a time and let me respond and provide me feedback before going to the next question. Make it three different questions
- *Adjusting microphone, taking on the role of a news show interviewer*
- Thank you for joining us today. Let me start with what many consider the foundation of classical conditioning: In your expert opinion, what made Pavlov's original experiments with dogs so groundbreaking for the field of psychology, and how did his discovery of the conditioned response change our understanding of human behavior?
- *Leaning forward attentively, ready to listen to your response*

Student Learning Modes



- ChatGPT—Study Mode
- Gemini—Guided Learning Mode

NotebookLM Assignment



Sources

+ Add

Discover

Select all sources

Aging: What to expect - Mayo Clinic

Balance exercises - Mayo Clinic

Exercising Outdoors: Safety Tips for Older Adults | Natio...

Memory Exercises for Seniors That Work - Medicare.org

Memory loss: 7 tips to improve your memory - Mayo Clinic

Senior Flyer3.pdf


Senior flyer.pdf

Senior flyer2.pdf

Senior flyer4.pdf

Seniors: Regain Your Balance! Complete Course

Chat



Enhancing Memory: Seven Practical Tips

11 sources

The provided texts from Mayo Clinic, National Institute on Aging (NIA), Medicare.org, and YouTube channels offer comprehensive guidance on **healthy aging and maintaining physical and cognitive function** in older adults. They address **common age-related changes** in the cardiovascular system, bones, muscles, digestive system, bladder, memory, and senses, while emphasizing the **importance of regular physical activity, balanced diets, and mental engagement**. Specifically, the sources detail various **balance, strength, and aerobic exercises**, including examples like chair squats, countertop press-ups, single-leg stands, and tai chi, highlighting their role in **fall prevention, muscle maintenance (sarcopenia reversal), and overall well-being**. Additionally, the texts provide **practical tips for safe outdoor exercise** and recommend **brain-training activities and real-world challenges** to support cognitive health.

Save to note

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Audio Overview

Mind Map

Studio

Audio Overview

Video Overview

Mind Map

Reports

Guide to Healthy Aging

FAQ · 11 sources · 91d ago

Aging Well: A Study Guide

Study guide · 11 sources · 91d ago

Guidelines for Healthy Aging

11 sources · 91d ago

Enhancing Memory: Seven Practical...

11 sources · 97d ago



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Thank you!

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