

Challenges and Opportunities in Teaching in the Age of AI



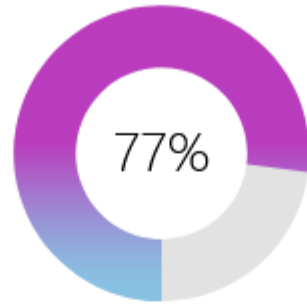
Kevin Yee, Director



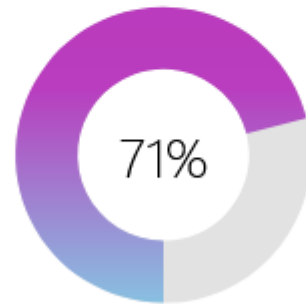
**Faculty Center for
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**AI Use Disclosure: Copilot was used to
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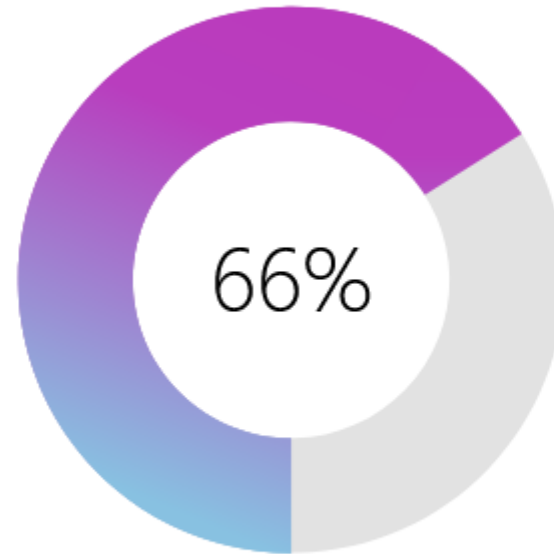
Employer Expectations



Leaders say early-in-career talent will get greater responsibilities due to AI



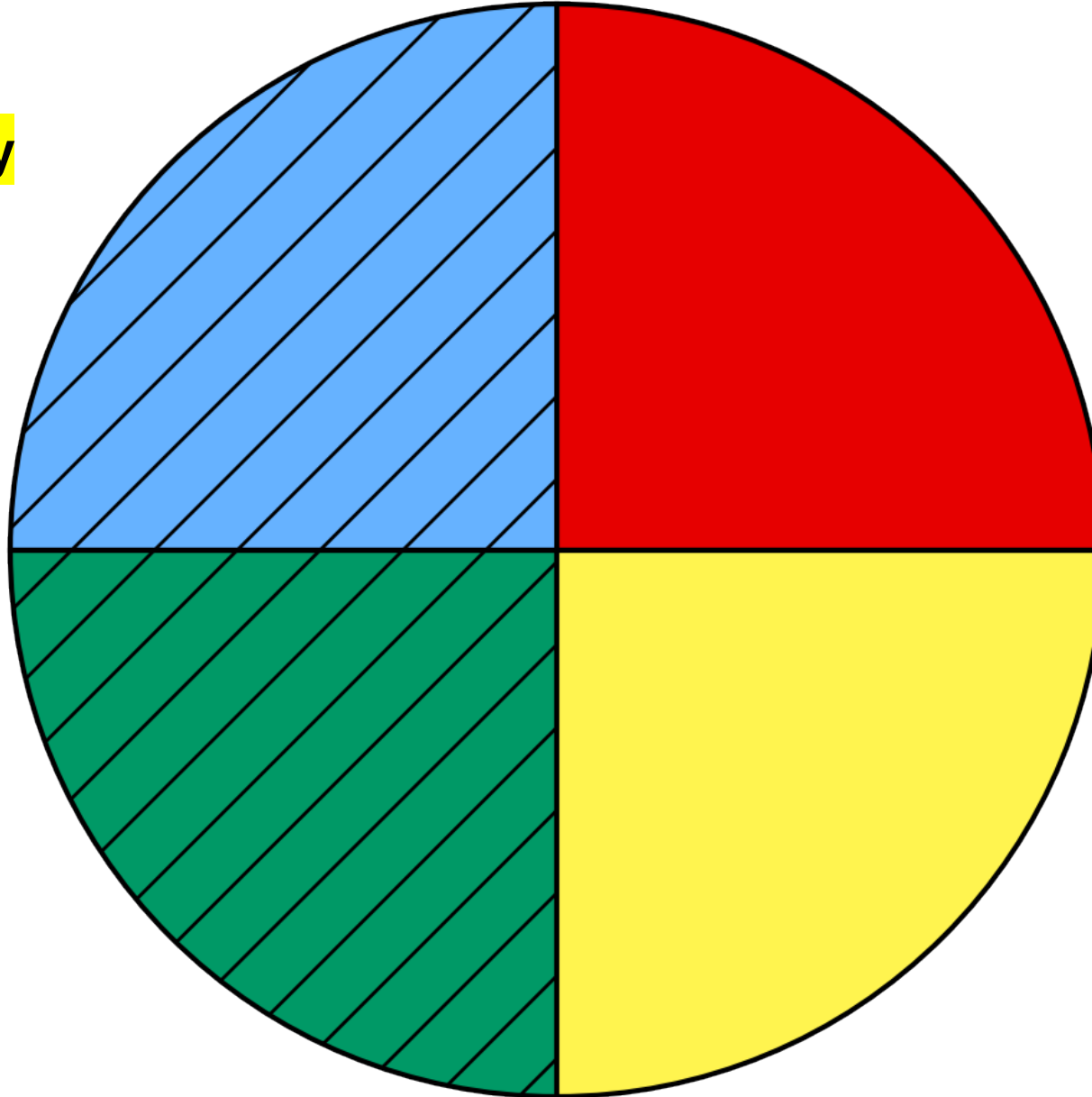
Leaders are more likely to hire a less experienced candidate with AI skills than a more experienced one without them



Leaders would not hire someone without AI skills

“Lean In”

AI Fluency





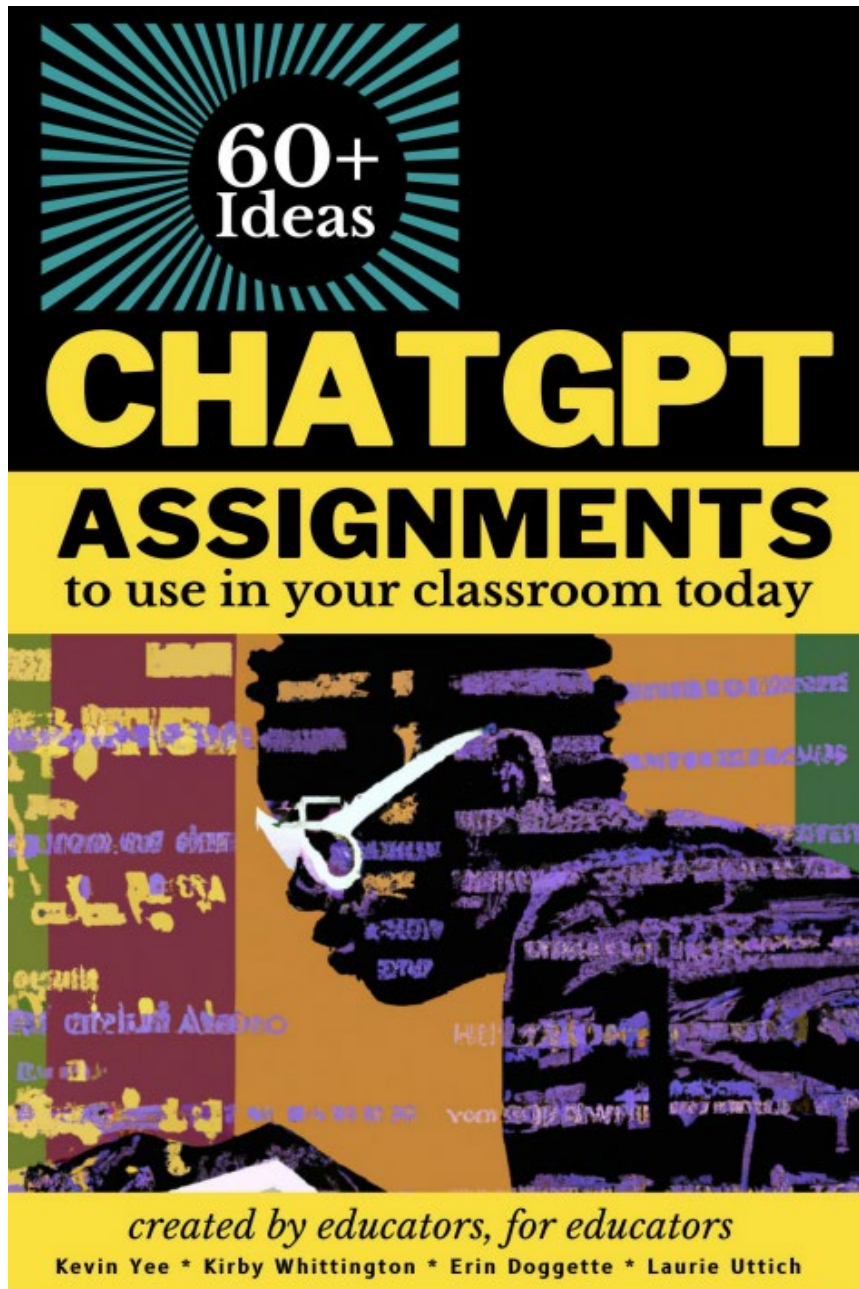
AI Fluency

1. Understanding how AI works
2. Ethics of AI / When to use it
3. Choosing proper AI tools
4. Effective prompt engineering
5. Displaying digital adaptability
6. Evaluating AI output and adding human value

EVALUATE

Tell students to first obtain an argument from the LLM, then craft a rebuttal.



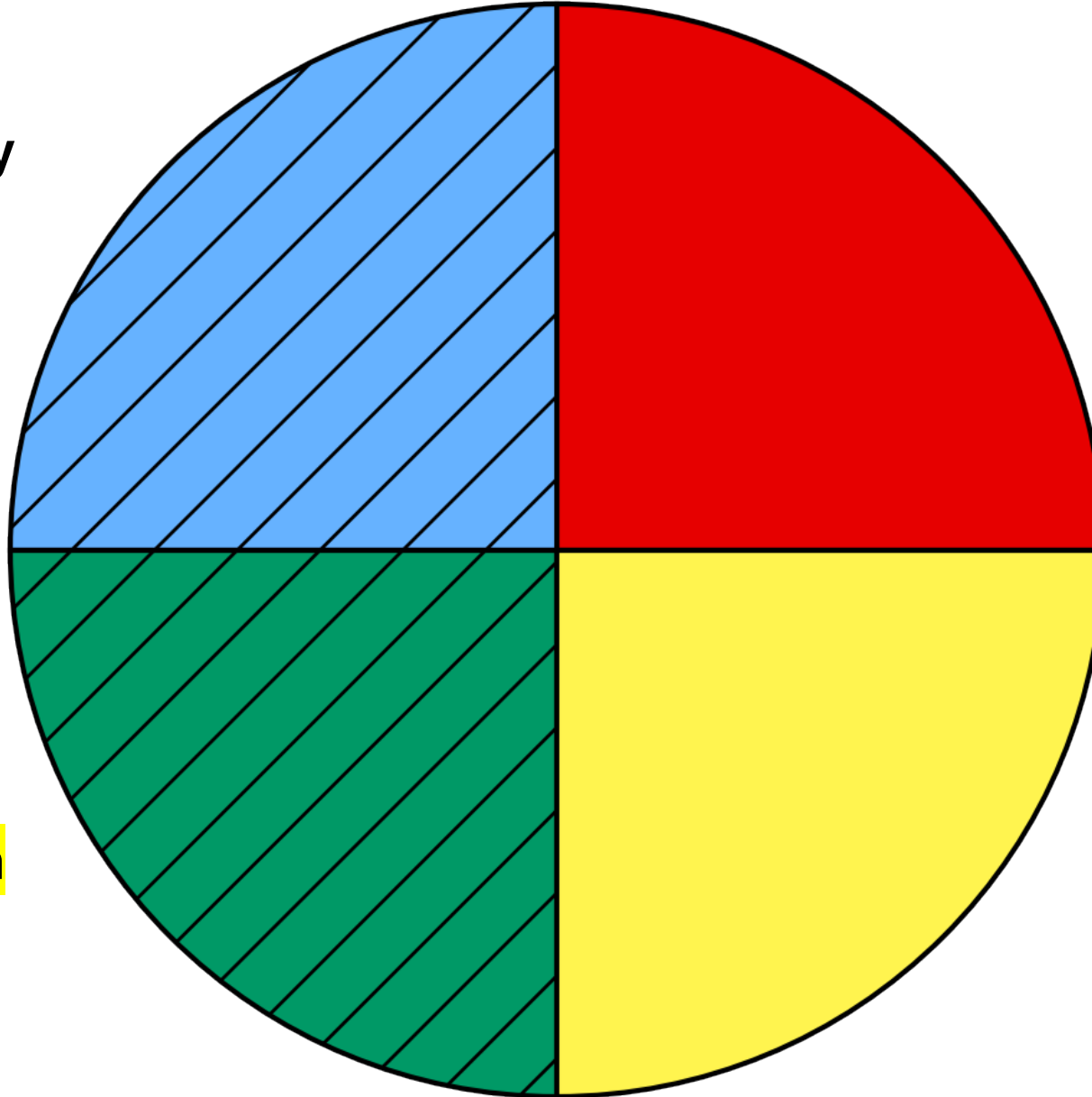


<https://bit.ly/chatgptassignments>

“Lean In”

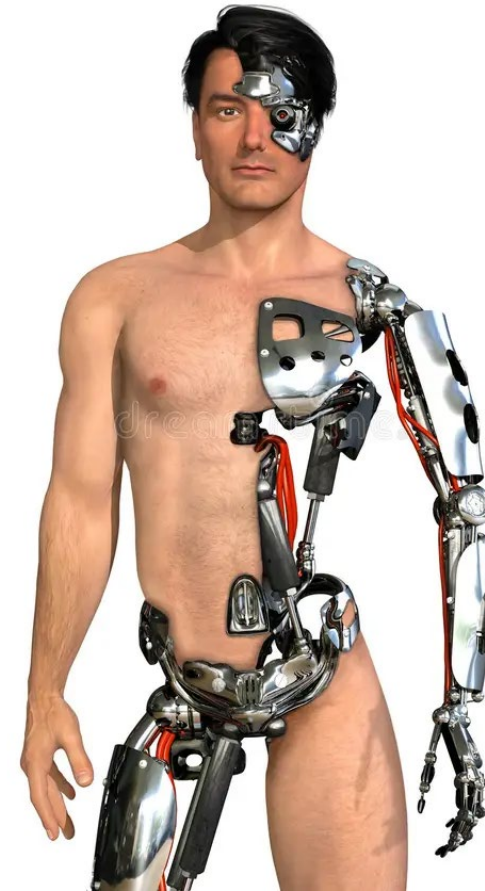
AI Fluency

Co-Creation



Co-Creation: Centaur vs. Cyborg (Ethan Mollick)

AI as a “Thought Partner” → AI as a “Creation Partner”



Adjusting Assignments

- Option One: Don't adjust
- Option Two: Assign specific human tasks and AI tasks (centaur). Preserves scaffolding
- Option Three: Redesign to take advantage of AI affordances (brainstorming, summarizing, find patterns) but don't specify tasks (self-scaffold)



Skill Erosion

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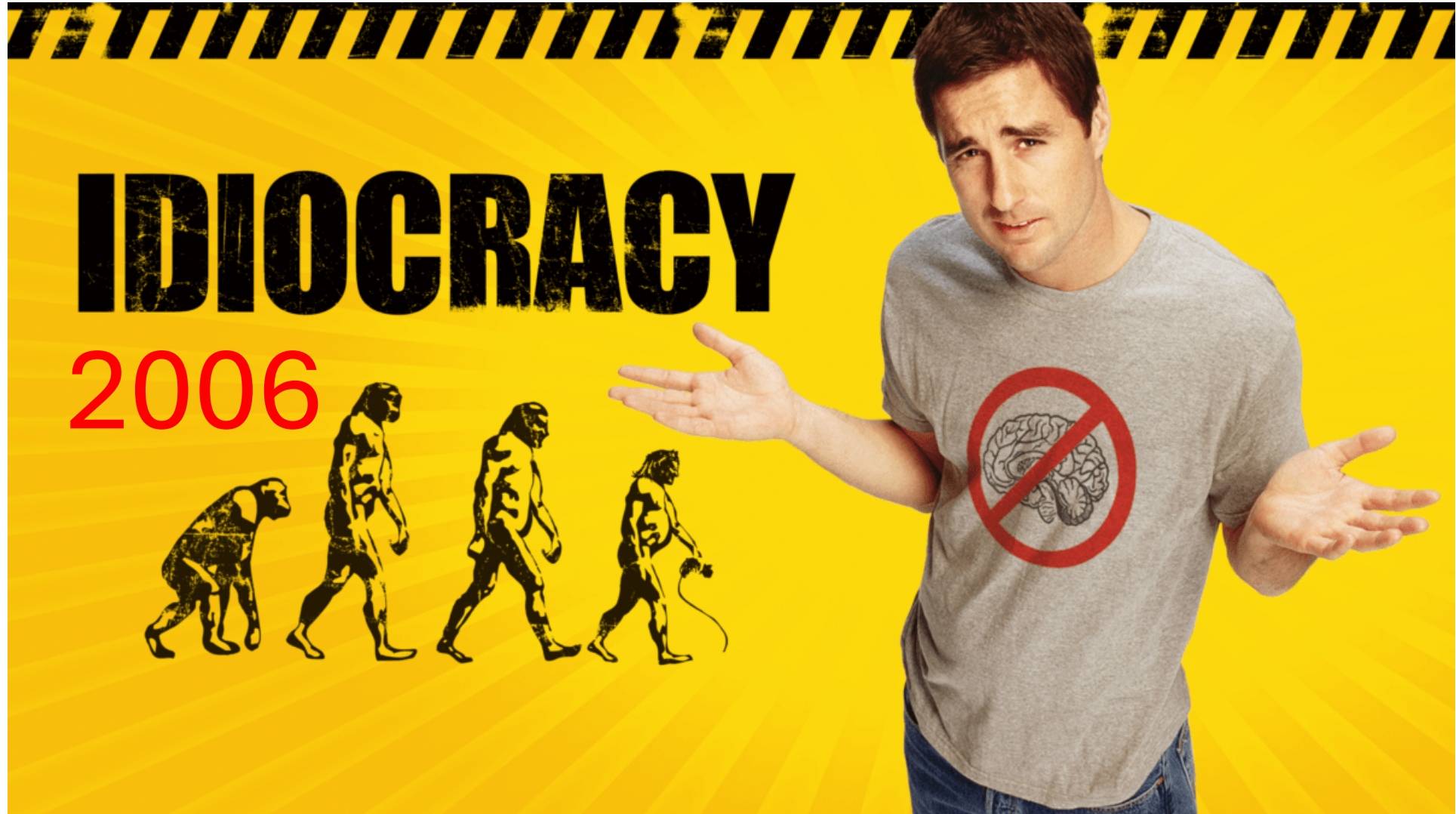
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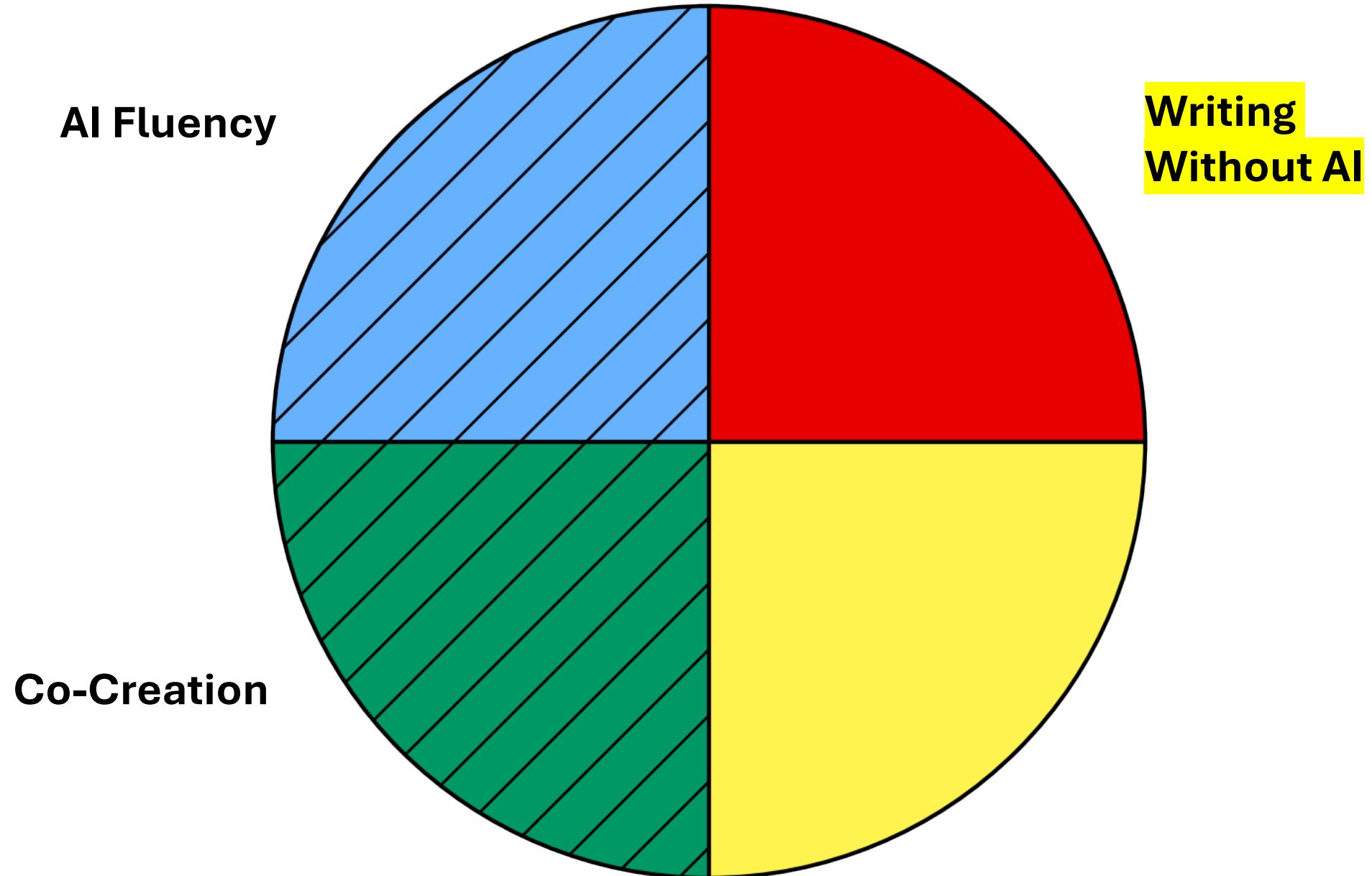
[Krzysztof Budzyń, MD^{a,b}](#) · [Marcin Romańczyk, MD^{a,b}](#)  · [Diana Kitala, PhD^c](#) · [Paweł Kołodziej, MD^d](#) · [Marek Bugajski, MD^e](#) · [Hans O Adami, MD^{f,g}](#) · et al. [Show more](#)

How Can We Prevent Idiocracy?



“Lean In”

“Informed Refusal”



Why Students Cheat

1. I'm only extrinsically motivated (degree gets me a job)
2. Everyone else does it (I'll fall behind if I don't cheat like them)
3. It's not morally/ethically wrong (victimless crime)
4. I'm not going to get caught
5. I need to cheat to pass (don't have enough time)



“Better than AI”

Amazon Slashes 14,000 Jobs as It Leans Into Generative AI

The company says it's 'reducing bureaucracy, removing layers, and shifting resources'



Alex Valdes

Oct. 29, 2025 2:21 p.m. PT

3 min read



Why Students Cheat

1. I'm only extrinsically motivated (but I need to be "better than AI" in today's market)
2. Everyone else does it (I stand out in the job market when I don't use AI)
3. It's not morally/ethically wrong (I want to be actually prepared)
4. I'm not going to get caught (but I WOULD get caught on the job later if I cheat)
5. I need to cheat to pass due to time (passing won't do me any good without skills)

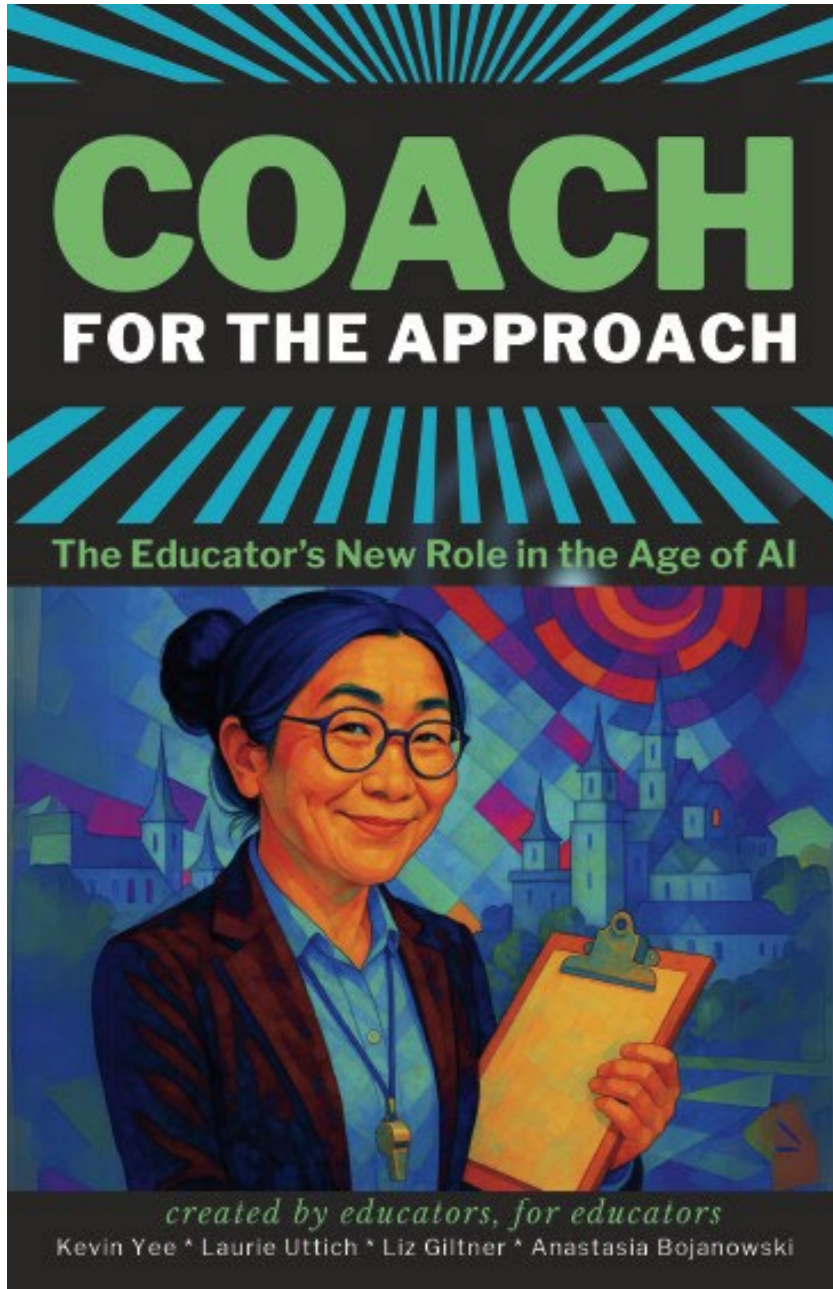




tl;dr

The process is the point!

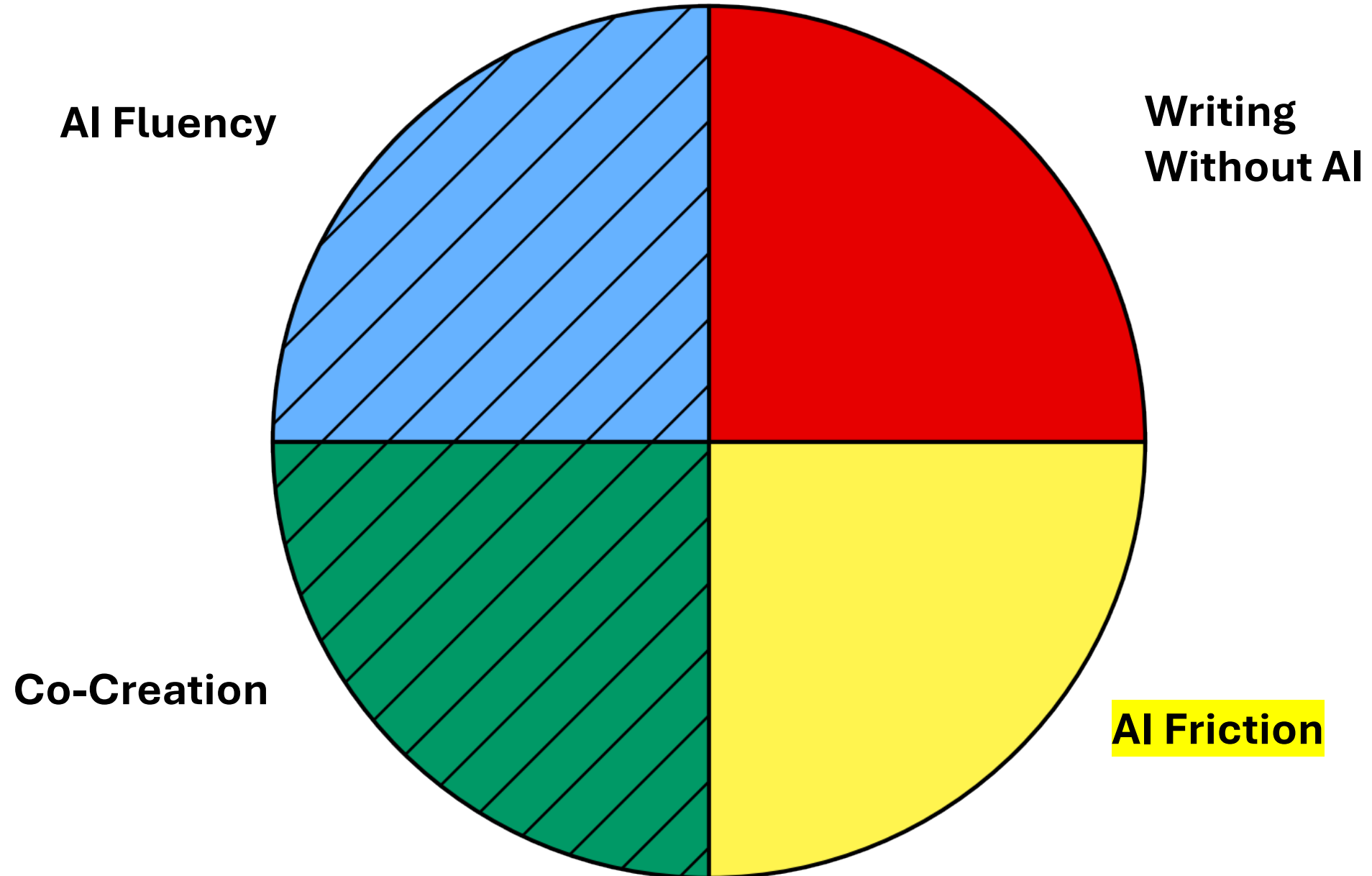
AVOIDING the shortcuts is how you stand out to employers



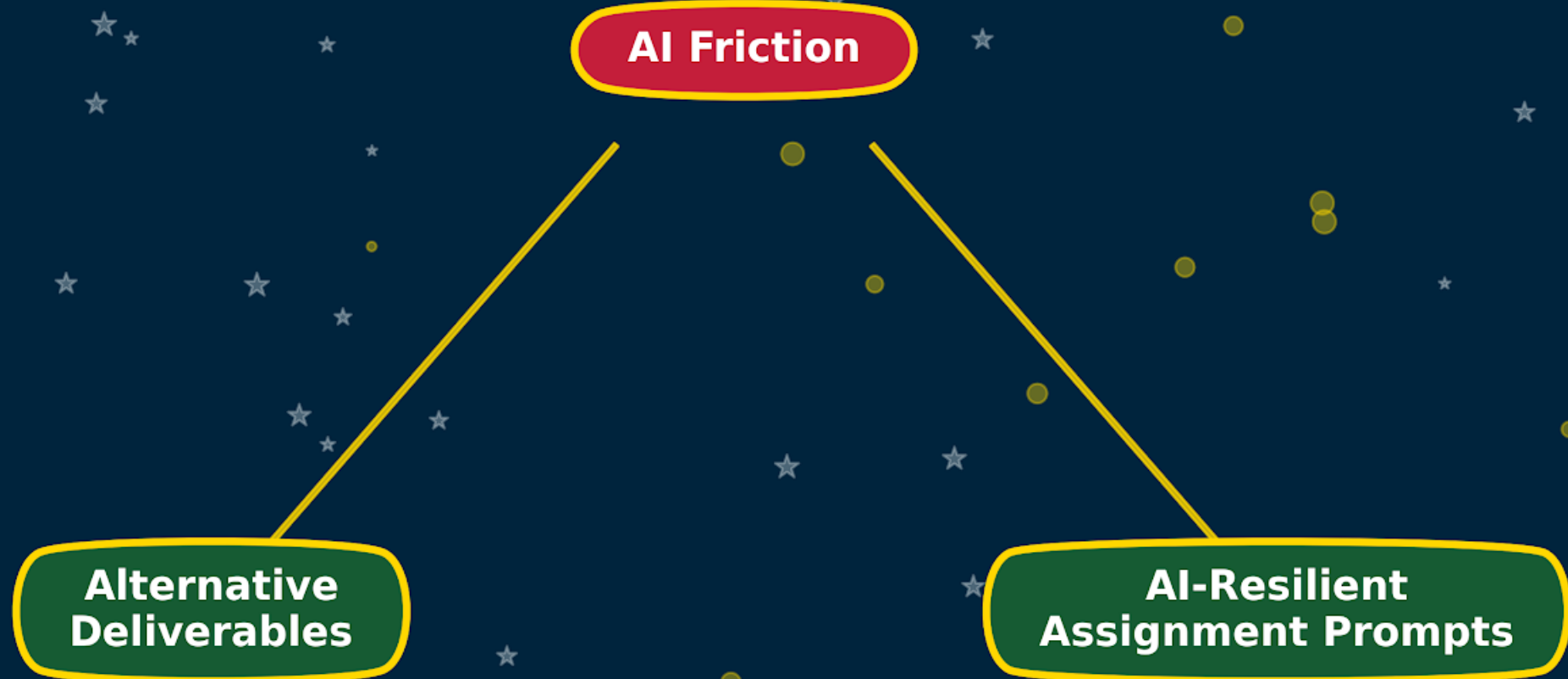
<https://bit.ly/CoachForTheApproach>

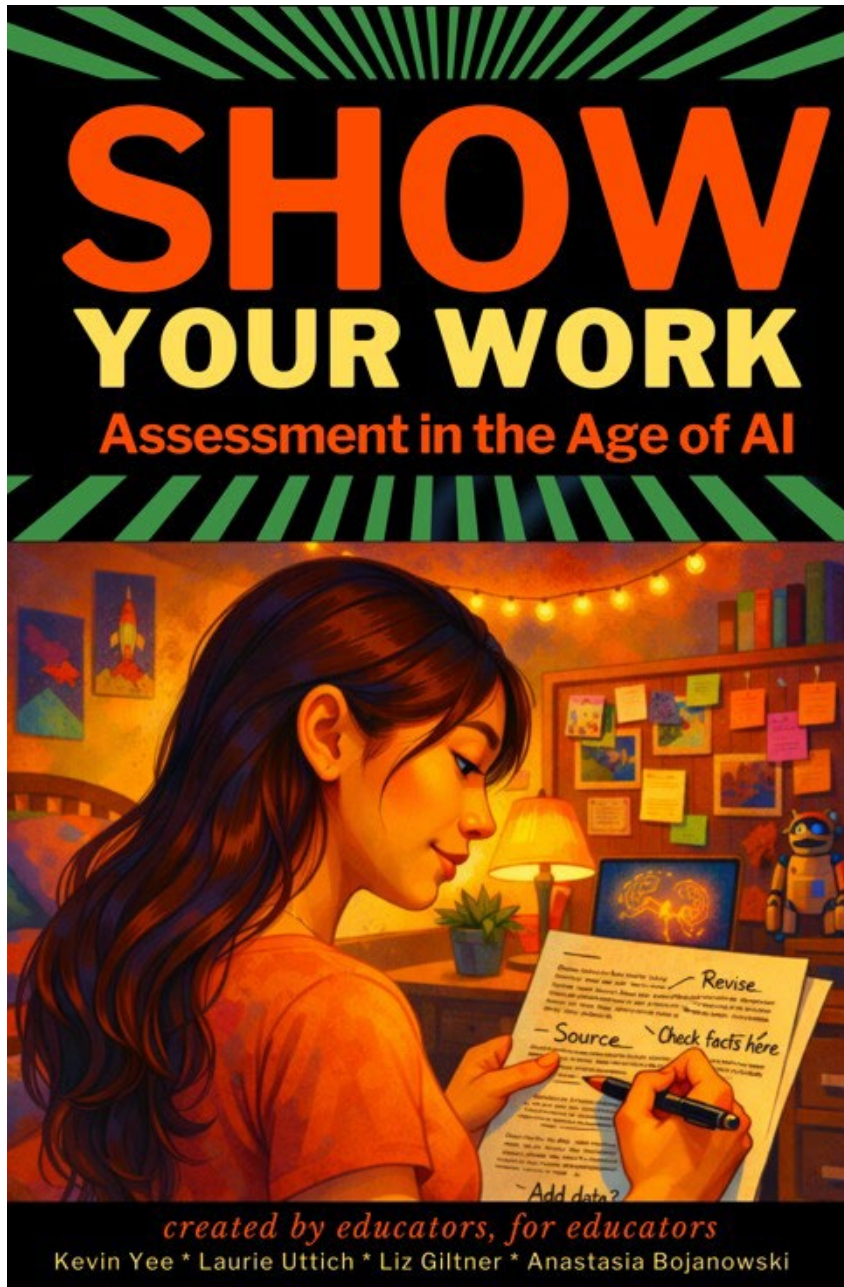
“Lean In”

“Informed Refusal”



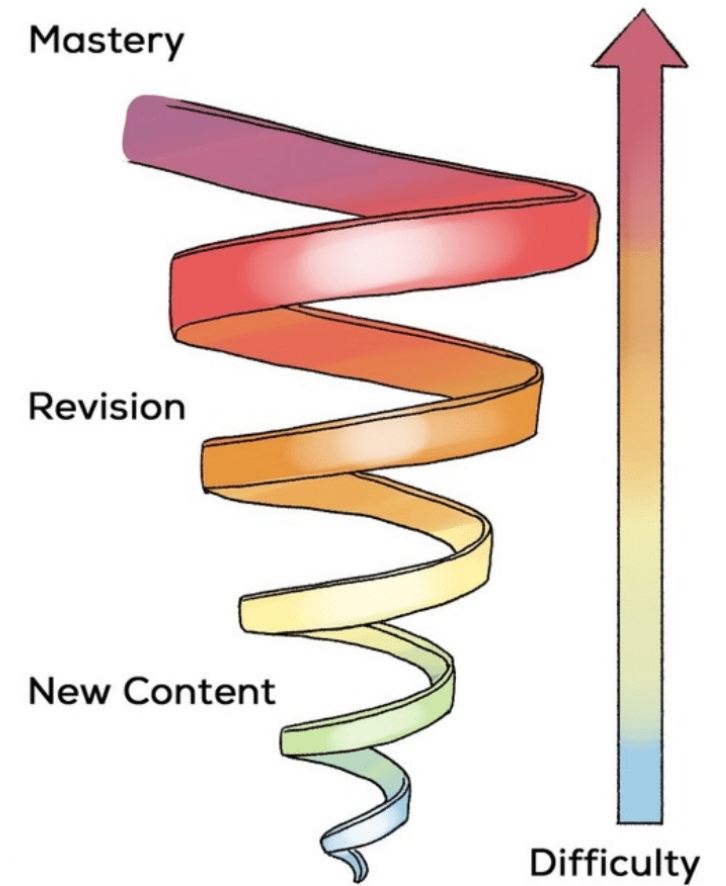
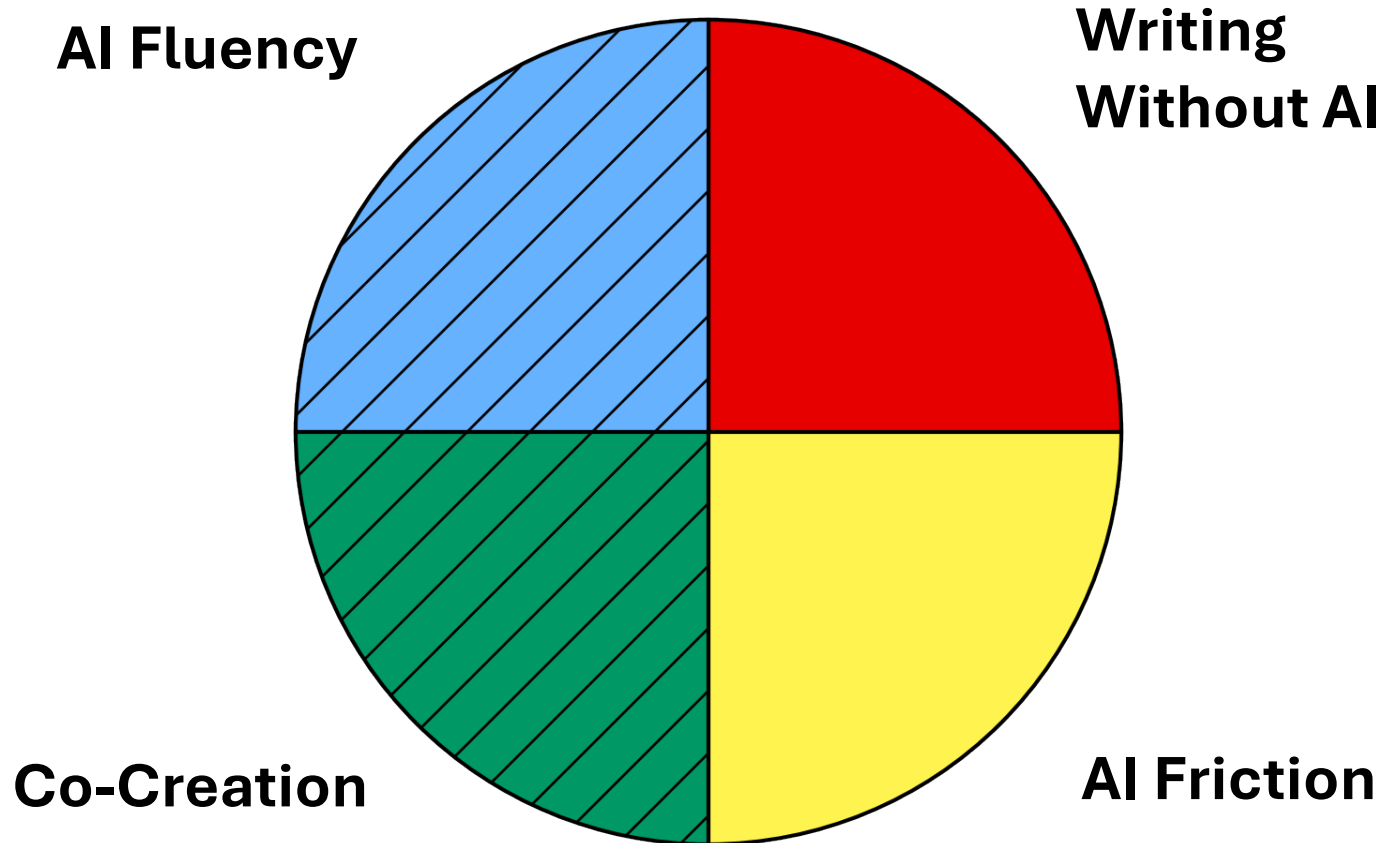
How to Create AI Friction





<https://bit.ly/showyourwork-book>

Curriculum Redesign Opportunity



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