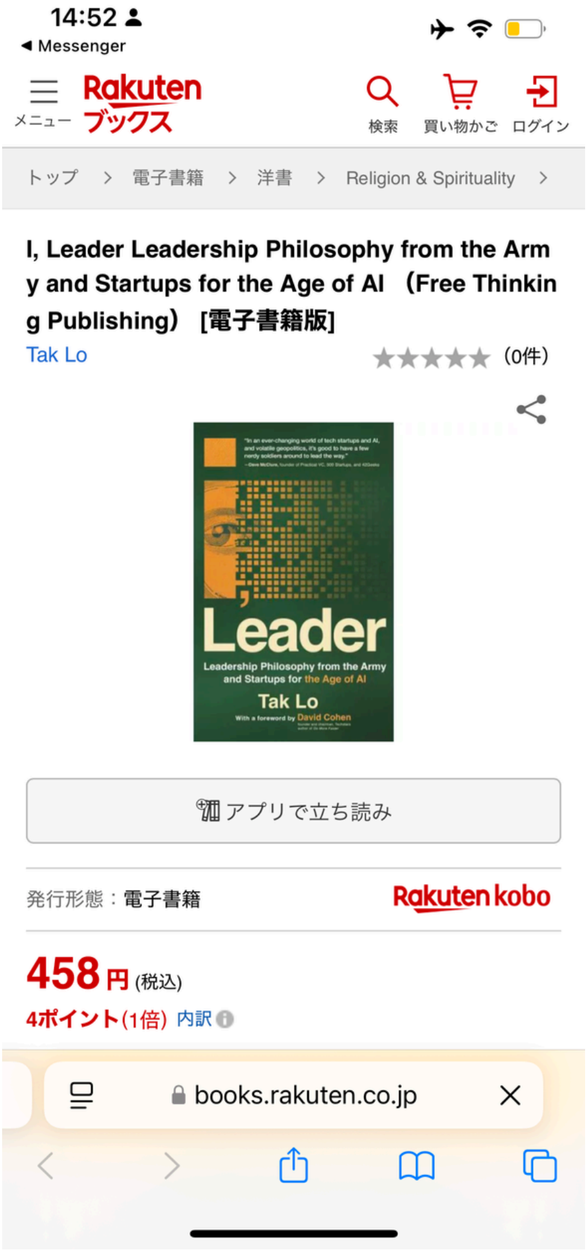
Teaching in the Age of AI:
A fully AI-integrated course experience

Tech Investor first

I’m best known as an AI investor from 2015



CS 355 with Yervand Sarkiysan;
Started in Spring 2025
13 masters students

American University *of* Armenia

CS 355 with Yervand Sarkiysan;
Started in Spring 2025

Principles when designing the course

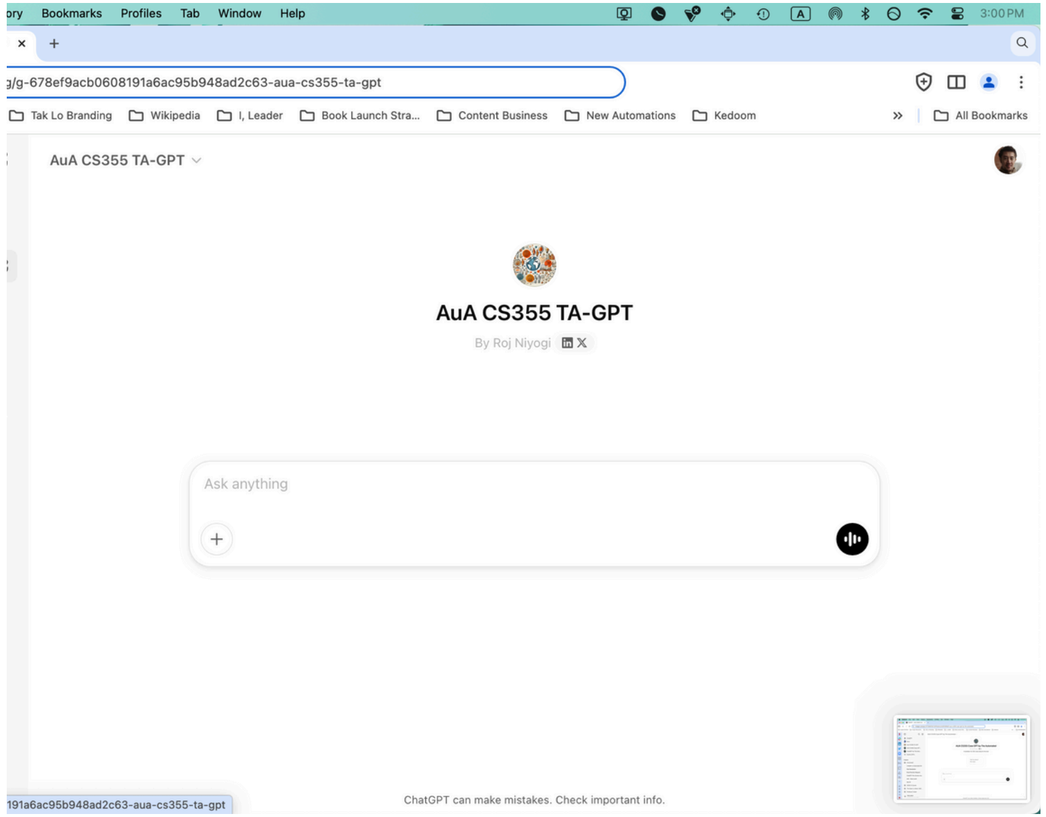
AI is integrated in each and every aspect
I will teach students to think with closely with AI

American University *of* Armenia

CS 355 with Yervand Sarkiysan;
Started in Spring 2025

Course Execution

Case Study Method on Business Cases
Students interact with AI before our discussion
I ask for their papers and reaction before the class begins
My theory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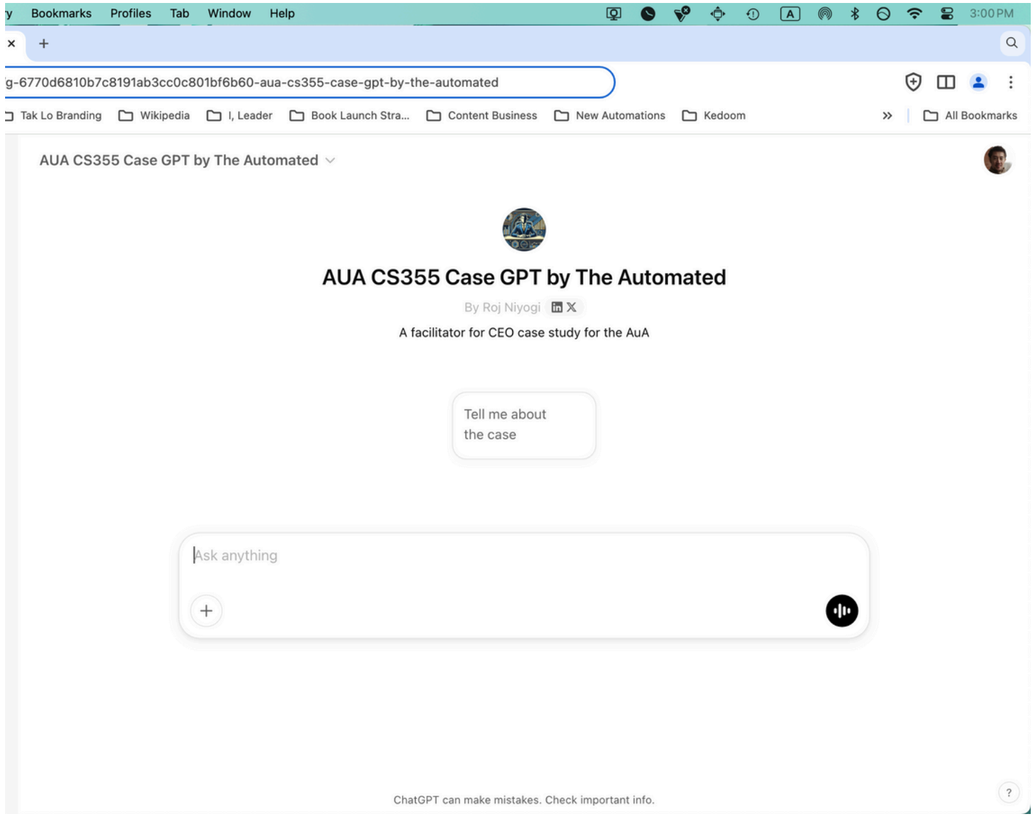
By Roj Niyogi
Ask anything
ChatGPT can make mistakes. Check important info.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AUA CS355 Case GPT by The Automated
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By Roj Niyogi
A facilitator for CEO case study for the AuA
Tell me about the case
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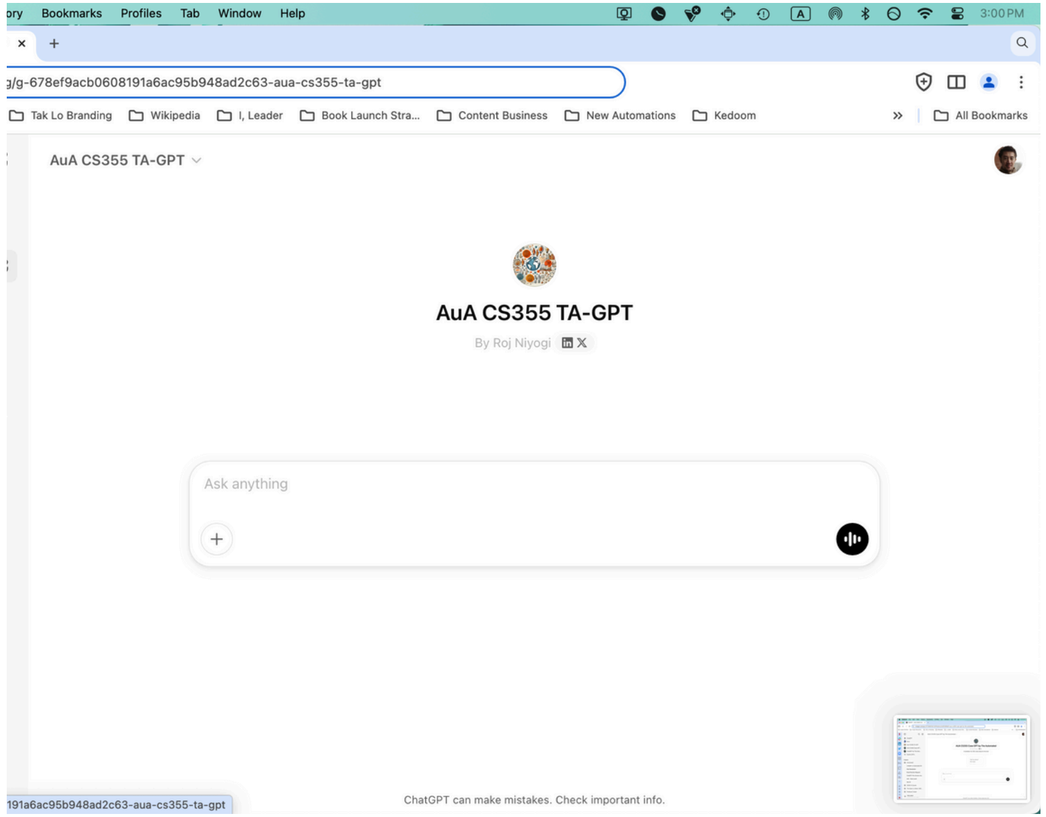
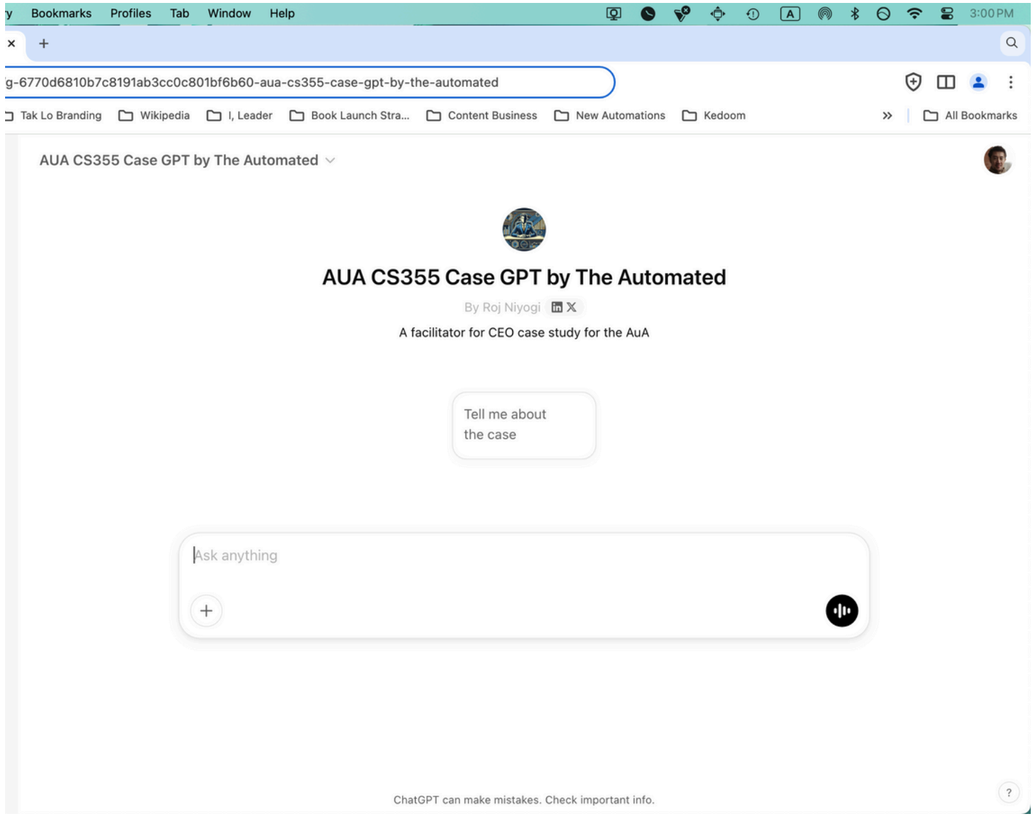
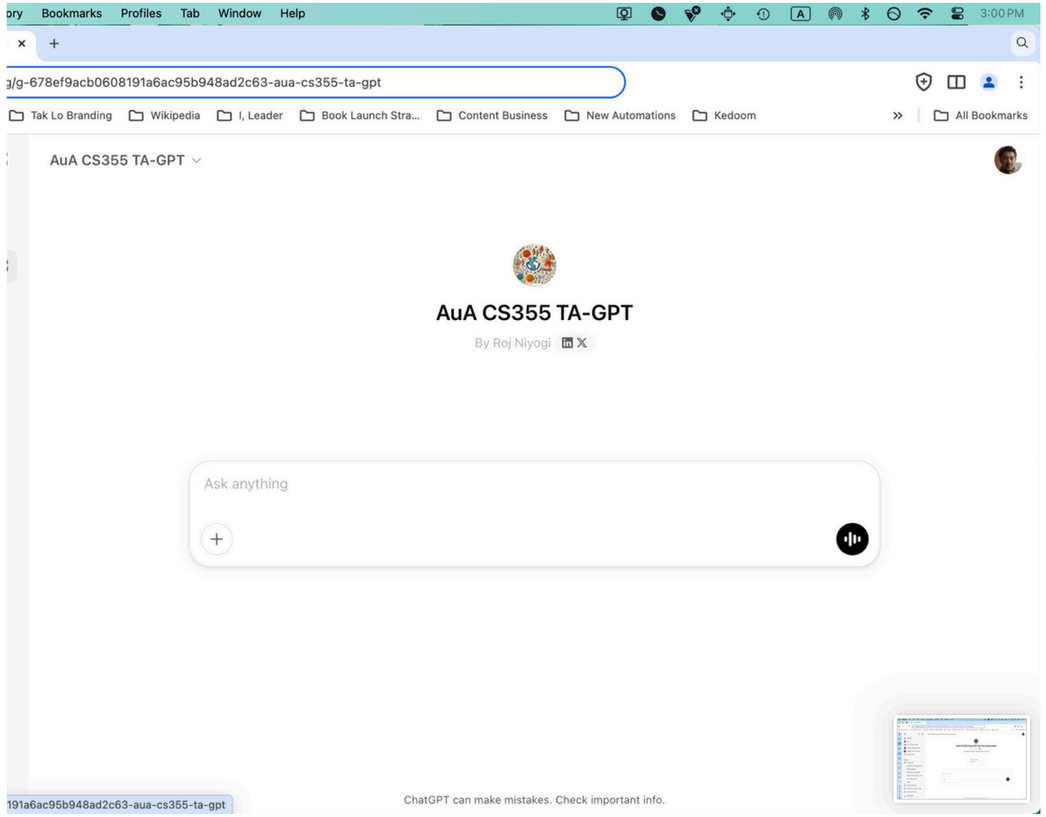


- *Syllabus*

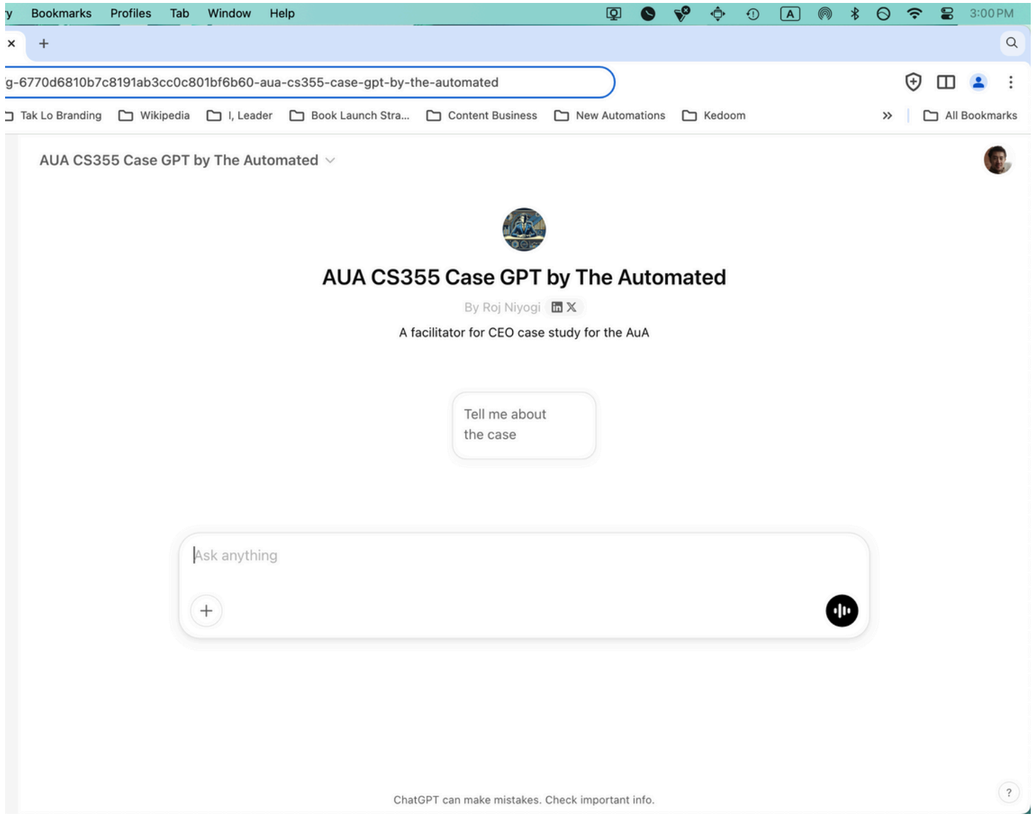


- *Sample HBS cases*

From a teacher's perspective



- *tremendously helpful*

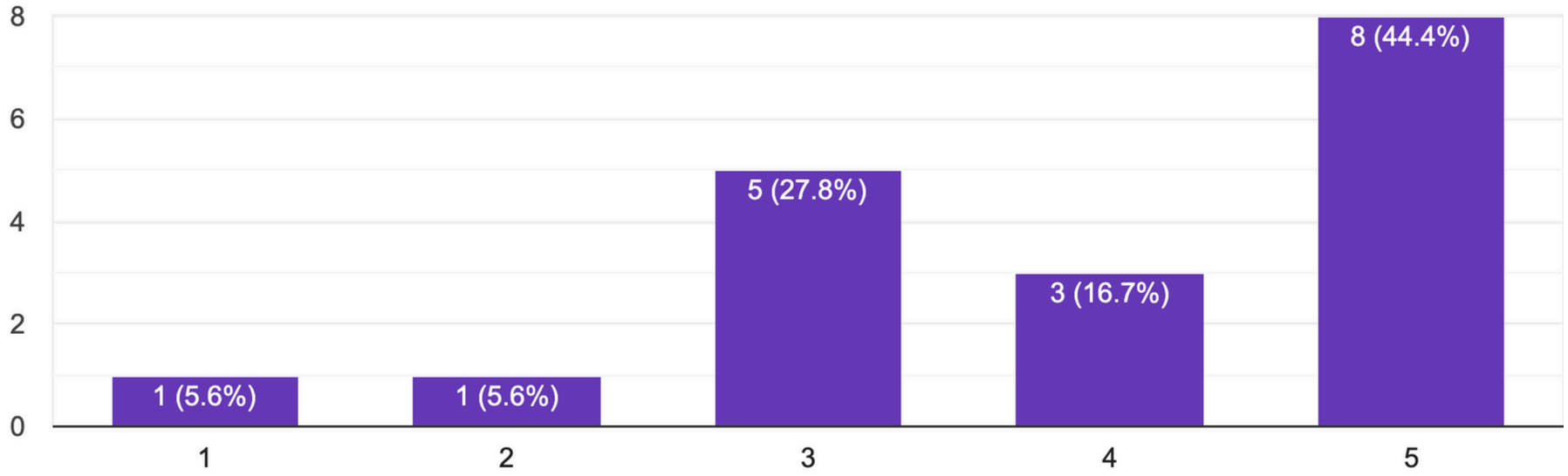


- *Helpful*

Student’s Perspective

5. AI Tools and Integration: Did the use of AI tools (e.g., CaseGPT, IdeaScore AI GPT) add value to the class?

18 responses



Regarding your classes, I must say that your approach—combining AI with independent learning—is truly effective. This method allows us to grasp the cases thoroughly and even enables us to propose solutions to the issues we analyze. The knowledge we gain through this teaching style is both deep and practical.

If helpful, how so? If not, how not?

3 responses

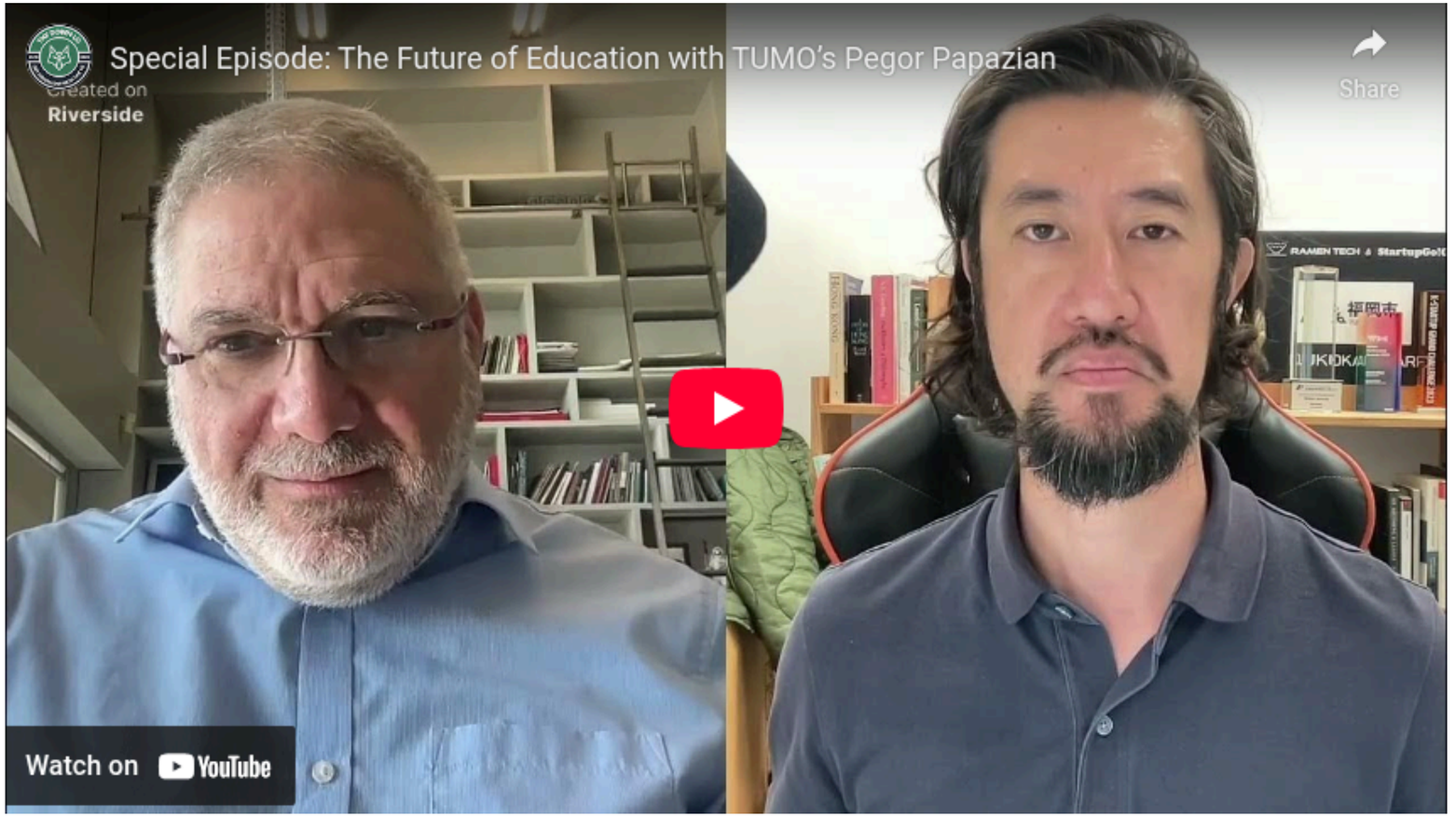
Sometimes it helps to underscore important aspects we may not have cought, but works more unbiased, while we as humans also take into account cultural and psychological factors

AI proved invaluable, as after thoroughly reading the case, I turned to it to distill the most essential aspects. In the end, this process allowed me to form my own interpretation of the case and its characters.

Engaging with GPTs is so helpful, especially during reading. Engaging with CaseGPT is helpful for understanding ideas or organizing them. IdeaScore was also a great assistant for evaluating ideas; its suggestions and recommendations were very helpful.

Other examples during the semester

Tumo



Extracurricular education is where innovation happens

HBS

You have a place in HBP's AI Case Lab

AI Case Lab <aicaselab@hbsp.harvard.edu>
to AI

Sat, Mar 29, 12:21 AM

Harvard Business Publishing Education

Welcome to AI Case Lab!
Here's what to do next.

Welcome! You've been accepted to our 6-week pilot exploring how generative AI can elevate your case teaching.

Here's what to do next to get set up with the AI tools:

- First, you'll **choose an email address** to use during the pilot. *It's important to avoid using an email address that has already been used with a ChatGPT Education account,* but it's fine to choose an email address that has been used with a personal ChatGPT account (including Free, Plus, or Pro).

- After you've told us which email you'll use at the link below, **you'll get an invite from OpenAI** to join our ChatGPT Education AI Case Lab workspace. This is an experimental space, so please keep in mind that it's not perfect—but we're here to help.

➡️ **Get started: Choose your email address**

We look forward to experimenting together! Please don't hesitate to contact us at AICaseLab@hbsp.harvard.edu with any questions or issues you may have. You can also reference a website with AI Case Lab instructions, tips, and help information.

The HBP Education Team

Teaching Note Generator
I will generate a teaching note, inclusive of a teaching plan, for an HBS case. I will ask you to input the case you want a teaching note for. You can provide learning objectives or I can derive them from the case itself. After you review, you are welcome to request modifications or...
By Mihnea Calin Moldoveanu · 220

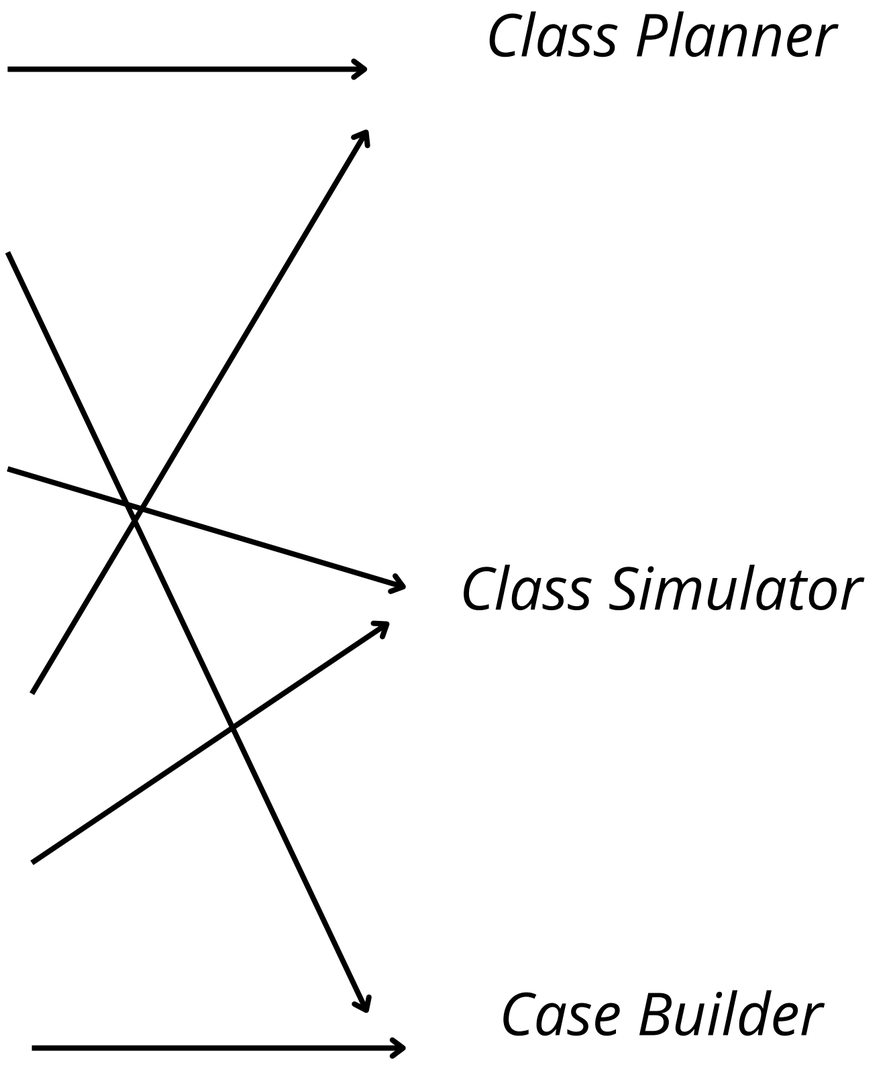
Case Transposer
I will create a modified version of your teaching case, changing contextual aspects—such as the characteristics of the main protagonists, the organization featured, its industry and geographic co
By Mihnea Calin Moldoveanu · 28

Case Discussion Simulator
I will simulate a case discussion with one or more students, based on one of the framing questions in your teaching plan. I will ask for your HBS case, teaching note and/or teaching plan, and ask for parameters such as length of simulated discussion and student type.
By Mihnea Calin Moldoveanu · 110

Example-Based Teaching Note Generator
I will craft a teaching note for your HBS case, modeled after a teaching note you find exemplary. I will ask you to upload a matched pair of an HBS case and teaching note whose style and form could work for you, and then the HBS case for which you want me to draft a...
By Mihnea Calin Moldoveanu · 81

Classroom Role Play
I will simulate part of a case discussion for you, based on a teaching note. You can take the role of either the instructor or student. In both modes, you can decide the level of preparedness, cooperativeness and engagement of the student.
By Mihnea Calin Moldoveanu · 13

Protagonist Transposer
I will ask you to upload a case and identify its protagonist(s). After you tell me which characteristics of that protagonist—or another character in the case—you would like to change, I will create a rewrite while keeping all other features consistent.
By Mihnea Calin Moldoveanu · 5



Medical training

Dr. Hunaid Gurji and Professor

Uses ChatGPT to reinforce medical training

So instead of training twice a year, it’s now every quarter

Teaching at Malvern College at the secondary level

Future Leaders for the Age of AI:

Entrepreneurship in the Age of AI

For

MALVERN
COLLEGE HONG KONG
香港墨爾文國際學校

Program Format

- 2-month cycles
- 8–9 sessions (FY) / 6 sessions (P4–6)
- 1 session per week, after school

Final Product: British-style Dragon’s Den-style final pitch to parents and teachers

A citywide finale is a future milestone

Frameworks

Tactically, as an educator, you can use AI:

Scheduling (most powerful)
Content Formation (new professors)
Class Planning (new or associate professors)
Assignment grading (did not try but we should have)

Revised Purpose:

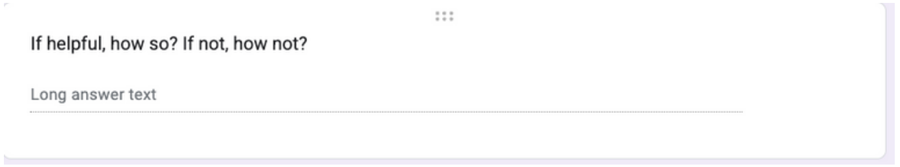
I’m teaching AI literacy

Sure it’s about how to use AI tools, but not only about that

The best way to teach is to do something existing - some existing process, but with AI

What ultimately is AI literacy?

Human Agency, within AI.



“I firmly believe that we should first rely on our own reasoning and strengthen our logical thinking as humans before using AI as a supplementary tool. For instance, in the case of Airbnb, AI was not particularly helpful. I answered the questions based on my own expertise and experience in the tourism industry, while AI mainly assisted in refining my sentences for greater clarity and accuracy.”

Trust

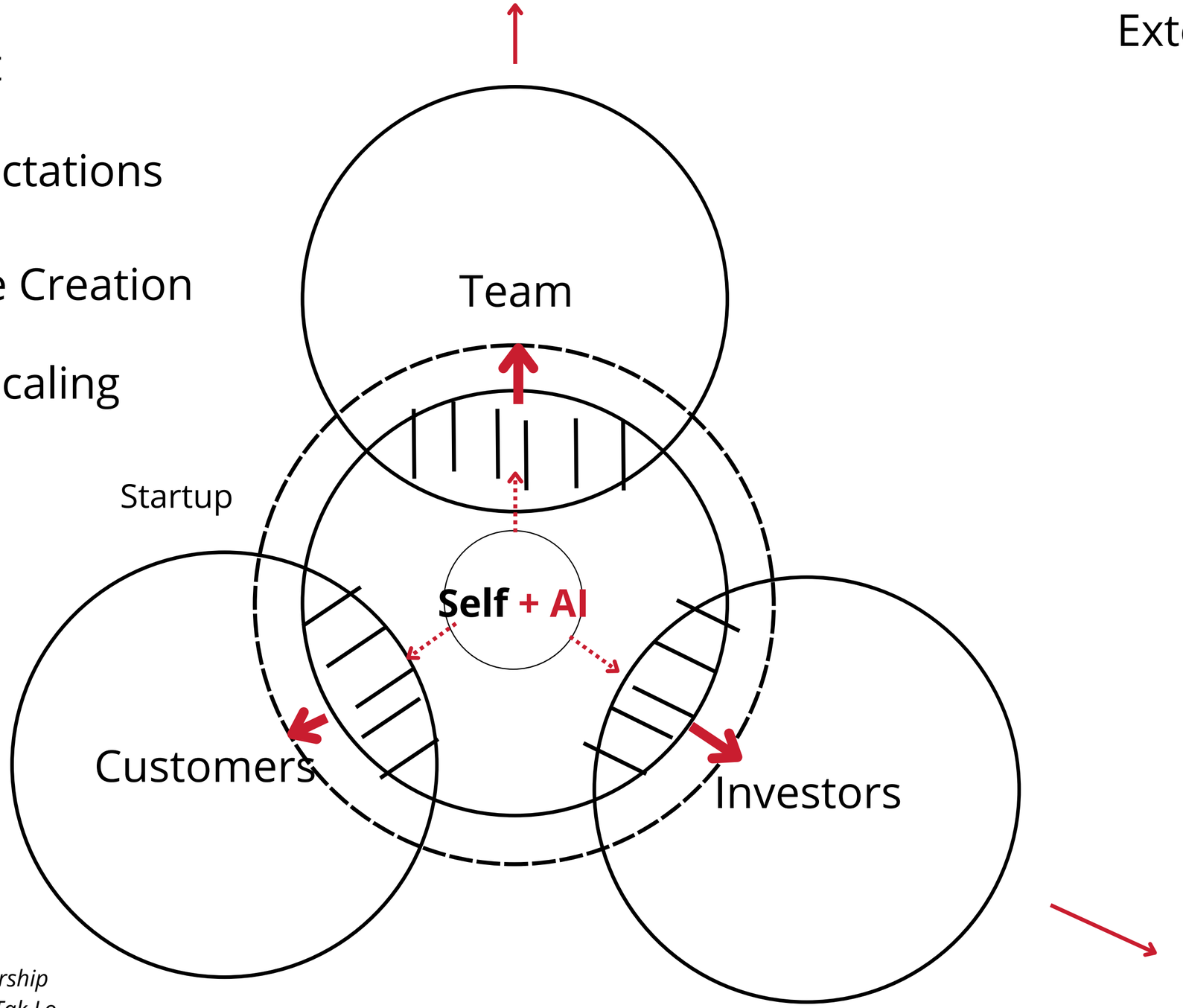
Expectations

Value Creation

Scaling

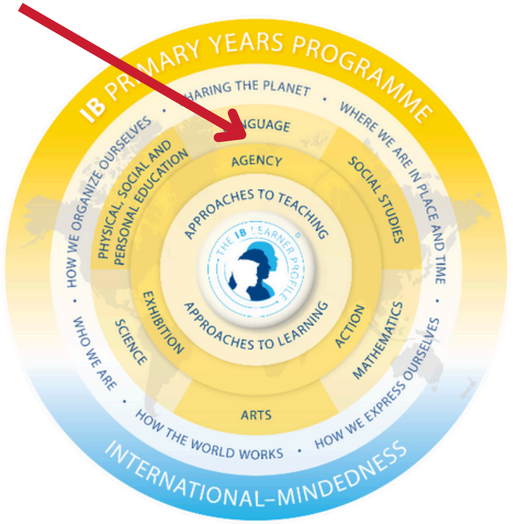
AI is a force multiplier

Externalities

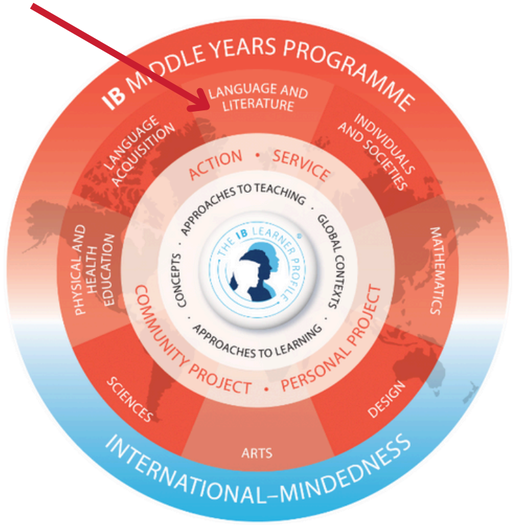


Human-Centric AI for Next-Generation Leadership (HUMAIN) from and inspired by I, Leader by Tak Lo

An AI concentric circle here - with technology, ethics, tools, and mindset



An AI concentric circle here - with technology, ethics, tools, and mindset



An AI concentric circle here - with technology, ethics, tools, and mindset

IB Pedagogy

Ultimately, what I teach are also ethical boundaries.

We missed the boat with internet and social media

AI and Self

AIと自己

自己とは

“I don’t need AI”

「AIなんて必要ない」

“Let’s follow
whatever advice
the AI says”

「AIの言うことを何でも従おう」

“What is the AI saying? What biases would there be?”

「AIは何を言っているのか？どんなバイアスがあるのか？」

Key is figuring out where you lie on the spectrum - at any one point in time

重要なのは、自分がこのスペクトラムのどこにいるのかを理解することです。

Outstanding question - what does this mean for education going forward?

as an investor/entrepreneur

I'm not sure

students: more debt, more AI
universities: won't decrease price, and upwards pressure to increase price
employers: university degree isn't end all be all, but there's no incentive to change the filter
society: a degree is the minimum

Education has fundamentally failed the social contract - what jobs are students going to get?

Early Education

Tertiary Education

Classic British liberal arts education

Monetized as a business

interpersonal skills
listening and speaking
living close to other cohort of kids

How are you adding to the economy? How are you a business?

Thank you for your attention

For these slides and my daily AI newsletter

Prompting Styles

Centaur

Cyborg

Consiglieri

https://www.oneusefulthing.org/p/i-cyborg-using-co-intelligence by Ethan Mollick