



Gen AI Seminar 2025

From Struggle to Ace: AI Tools That Revolutionize Studying for Arts, Business, Engineering and Science Students

“The pace of progress in artificial intelligence is incredibly fast. Unless you have direct exposure to groups like Deepmind, you have no idea how fast—it is growing at a pace close to exponential.”
- ELON MUSK

01

About me

02

Introduction to AI

03

Writing essay and
Research with AI
Assistance

04

AI Tools for PPTs &
Docs Creation

05

How can we use AI
accelerated our
problem solving skills
by coding/simulation

06

Golden Rules for
Using AI

07

Wrap up

Agenda

What we'll discuss today

KEY TAKEAWAYS:

- Prioritize ethical AI: Address bias, data privacy, and transparency in algorithms
- Real-World Applications: Learning how AI is transforming industries
- Look for opportunities to apply AI in your field of study..
- Academic improvement: How to use AI to increae your productivity
- Skills development: Utilize AI as a teacher to learn new skills





Instagram: sup_anson_

Anson Lo (Not the one in Mirror)

About me

- Year one students studying BBA (BA) in HKU
- MBTI: ENFP
- Usually using AI to deal with my assignments.
- Hobbies: Listen Cantopop and read books
- Love to travel

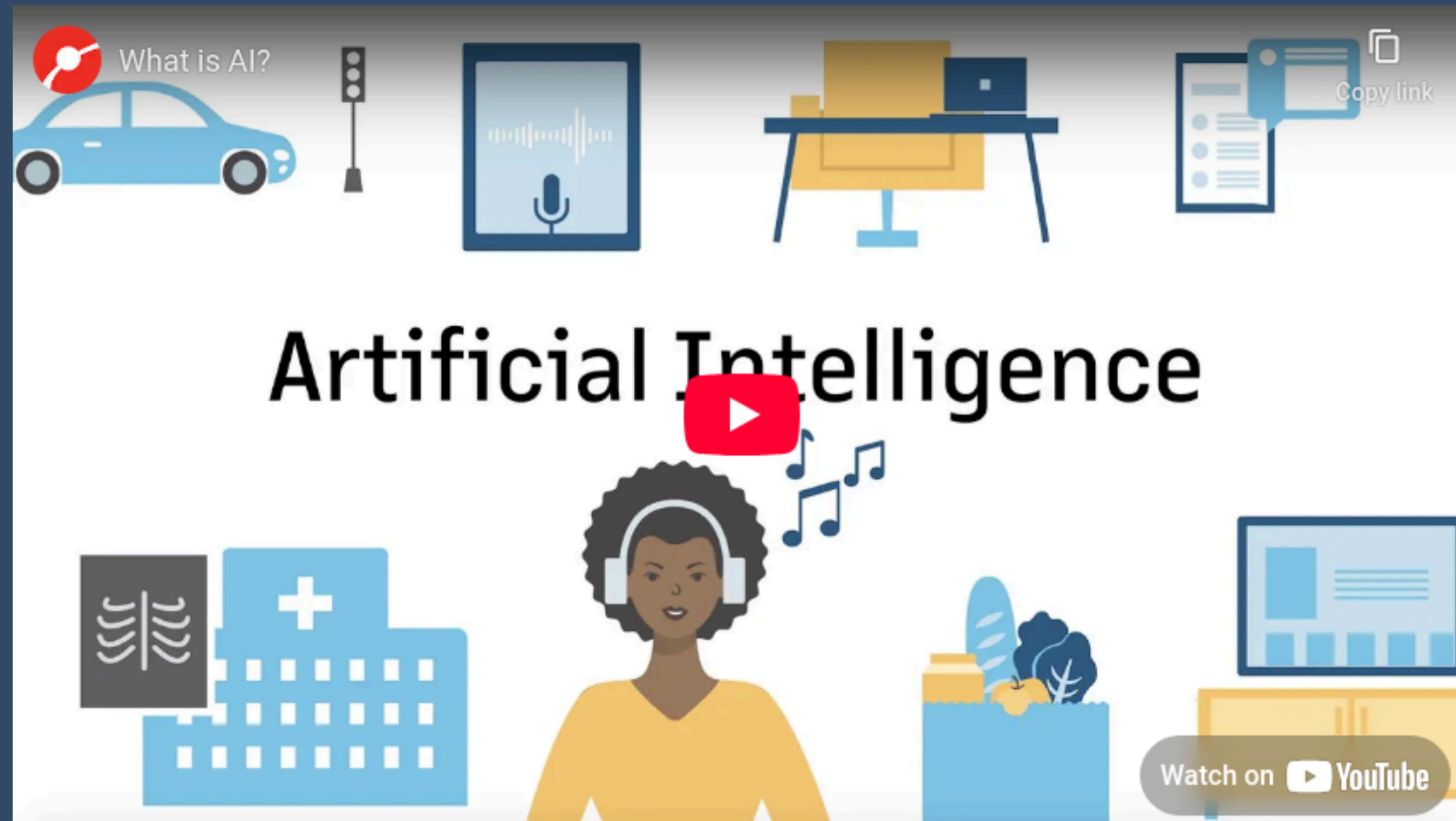


In 2025

What is AI

There is no single, simple definition of artificial intelligence because AI tools are capable of a wide range of tasks and outputs.

Short Video about AI



<https://www.youtube.com/watch?v=NbEbs6I3eLw>

How did AI change my life

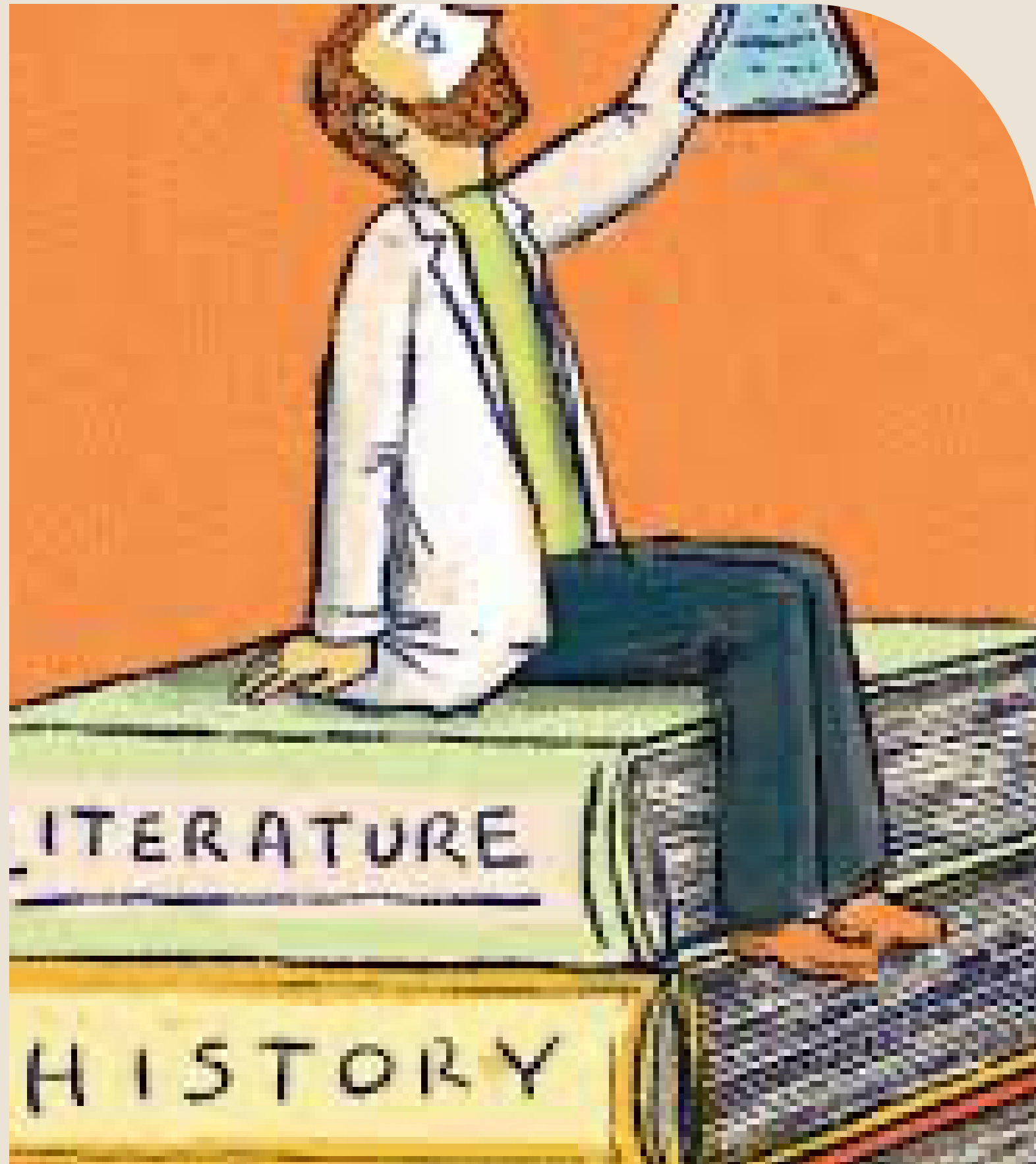


AI as a Productivity Partner: To polish emails or essays, which cuts writing time by half and improves my clarity.

Education Breakthroughs: Using AI tutors (e.g. photomath) to fill my knowledge gaps and builds confidence in complex subjects.

Skill Development: Learning to work alongside AI tools has forced me to focus on creativity, critical thinking, and decision-making.

Time Freedom: Automating routine tasks (e.g., emails, reports) with AI gives me more time for hobbies, family, or deep work.



Writing and Research with AI Assistance

How to write an essay

9



Researching



Summarise
and
brainstorm

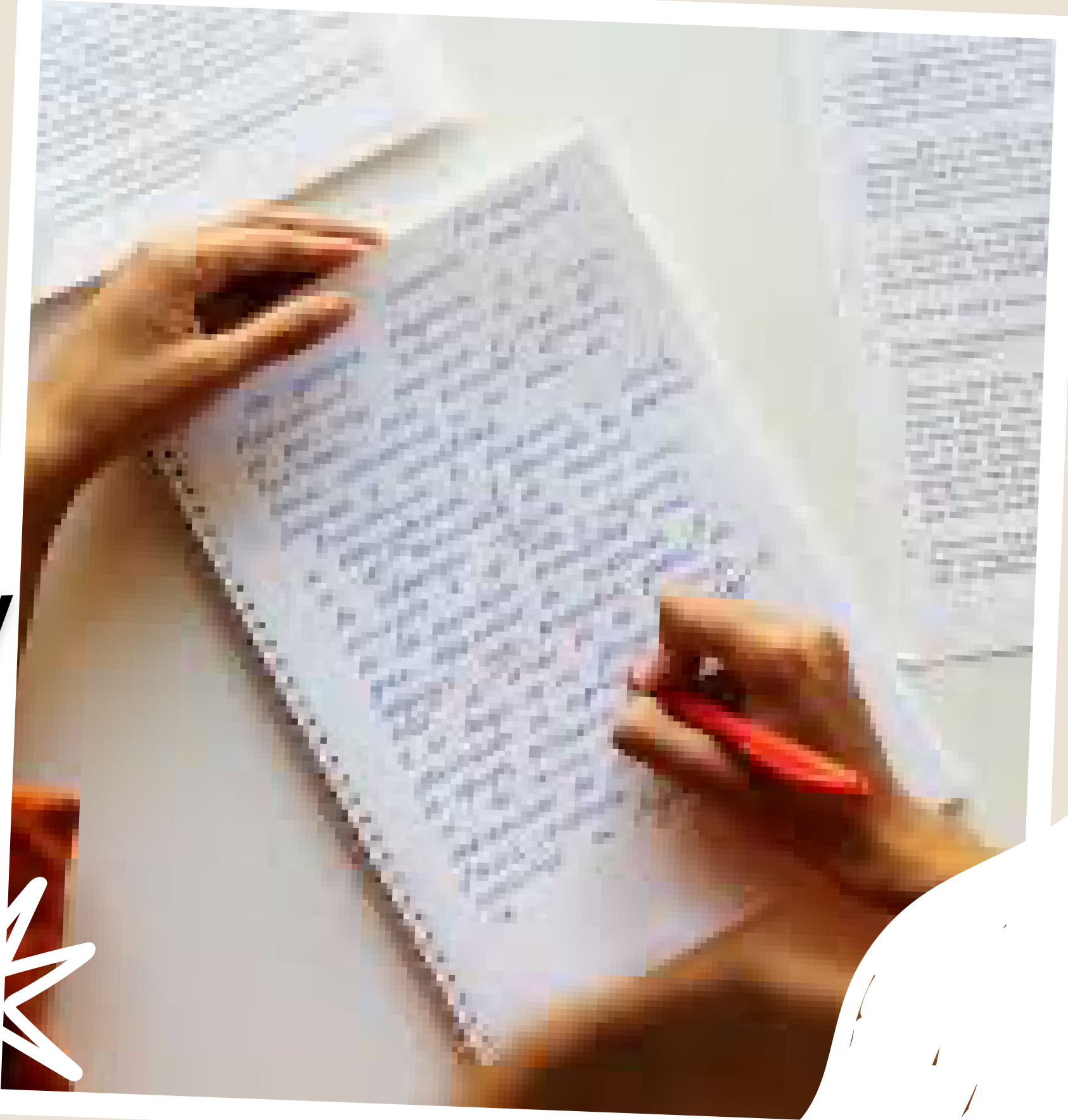
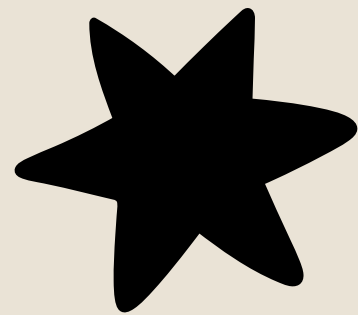


Elaborating in
the essay



Fix minor
grammar
issues/
citations
problem

**I want to write an
essay about how
Trump's Tariff policy
affect global economy**



1st step: Reseaching



Semantic **Scholar**

[https://www.semanticscholar.org/search?
q=ai&sort=relevance](https://www.semanticscholar.org/search?q=ai&sort=relevance)



<https://consensus.app>

2nd step: Summarising and brainstorm

<https://www.chatpdf.com>



3rd step:
Elaborating





4th step: Plagiarism checking and citations issues

<https://cloud.trinka.ai/app/citation-formatter/home>

Follow up question: Try to
write an 200 words essay
for lower then 20%
similarity rate within 10
minutes





AI Tools for PPTs & Docs Creation

Easily make decent portfolios

Let's explore
AI
opportunities

How to do a ppt easily

17



Reseaching



Drafting



Design



Delivery

1st Researching

Copilot



<https://copilot.microsoft.com/chats/ktBjHwLuuAftKHkBzo9Pj>

2nd Drafting ppt

Gamma



<http://gamma.app>



Follow up question:
■ Try to make a ppt
with 8 slide within 10
minutes



How can we use AI accelerated our problem solving skills by coding/simulation

Steve Jobs

“You can’t connect the dots looking forward; you can only connect them looking backward. So you have to trust that the dots will somehow connect in your future.”



Coding/Programming

Essential skills for all students

<https://tongyi.aliyun.com>



I want to
make an
interesting
game for
teenagers

Case study and Demonstration



Science: Experiment demonstration

Essential skills for
Science students

<https://phet.colorado.edu>

Golden rule of using AI:

- AI as a tool, not a solution: Review the logic after using AI to solve problems.
- Cultivating critical thinking: AI cannot replace your unique insights.
- Use structured commands to improve AI output quality.
- The potential of AI is unlimited as the world is changing like Grok3/ Deepseek
- If you don't use AI, you would definitely be left behind



**Let's work
together**

Utilize AI effectively as a assistant



Feel free to approach me
if you have any questions.

Email: lmh2288@connect.hku.hk

Thank
you!

[Feedback] Talk 6: "AI Tools That Revolutionize Studying"

