



A.I. FOR LEARNING

Utilizing A.I. as your learning partner

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Pascasarjana UIN Sunan Gunung Djati, Bandung
Jumat, 11 Oktober 2024

Your relationship with AI



**Deeply in
love**

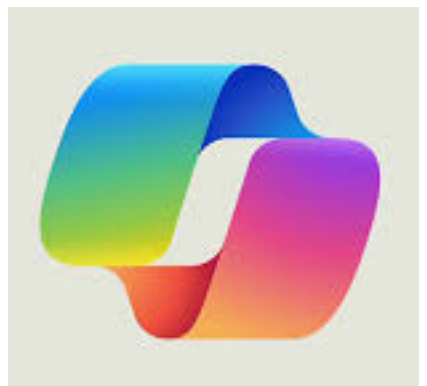
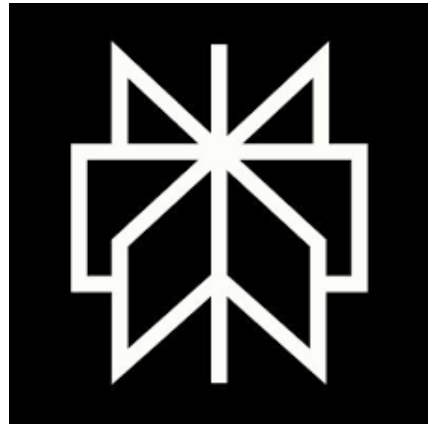


Love - Hate

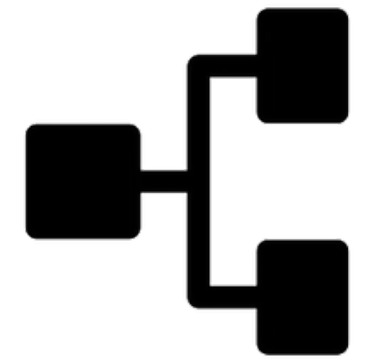
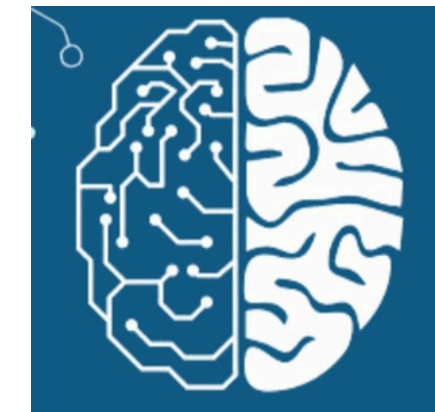
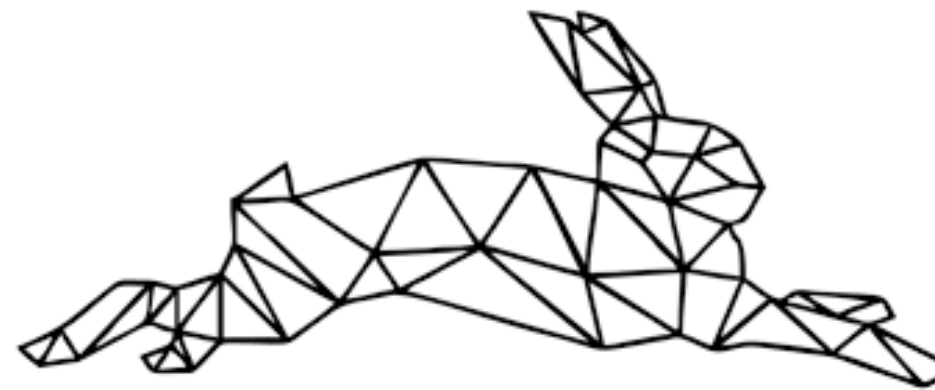


Not for me

How well do you know AI?



Gemini



A.I. FOR LEARNING

How to participate?



1

Go to wooclap.com

2

Enter the event code in the top banner

Event code

AXUHXM

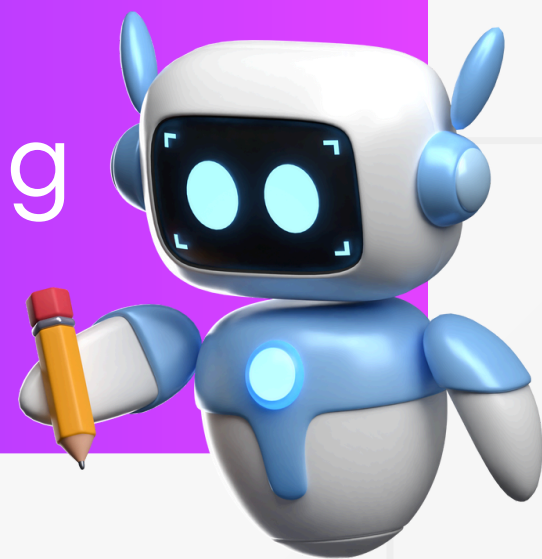
Writing process now and then...

Before AI

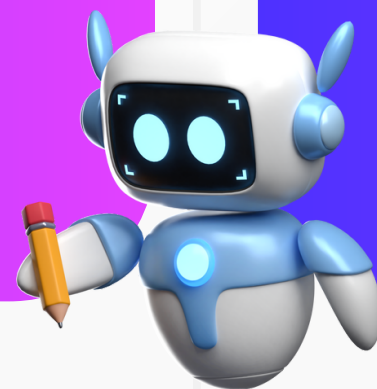
- **Conventional method:** outlining, drafting, editing, finalizing
- **Common Challenges:** Writer's block, generating and organizing ideas, grammatical errors*

After AI

- AI as a co-writer: brainstorming, outlining, editing, etc.
- **Common Challenges:** Speed over detail, reduced ownership, diminish critical thinking



Different AI users

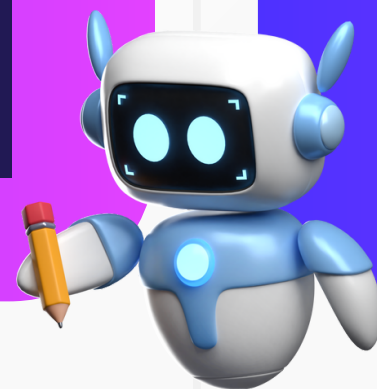
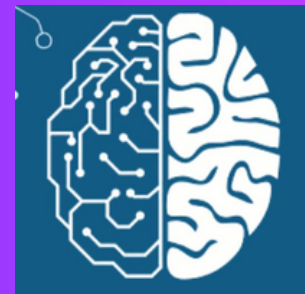


Different AI users

The passive users

Limited Human Ideas

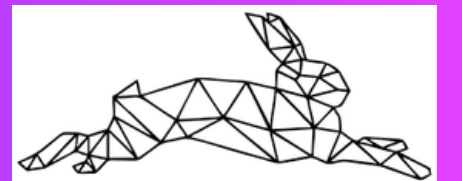
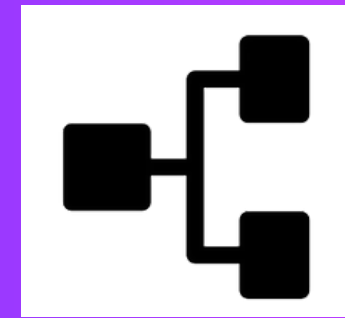
Content Generation
Limited Original Input
Minimum Ownership



The active collaborators

Human-Driven Ideas

Idea Refinement
Maintained Control
Enhanced Quality

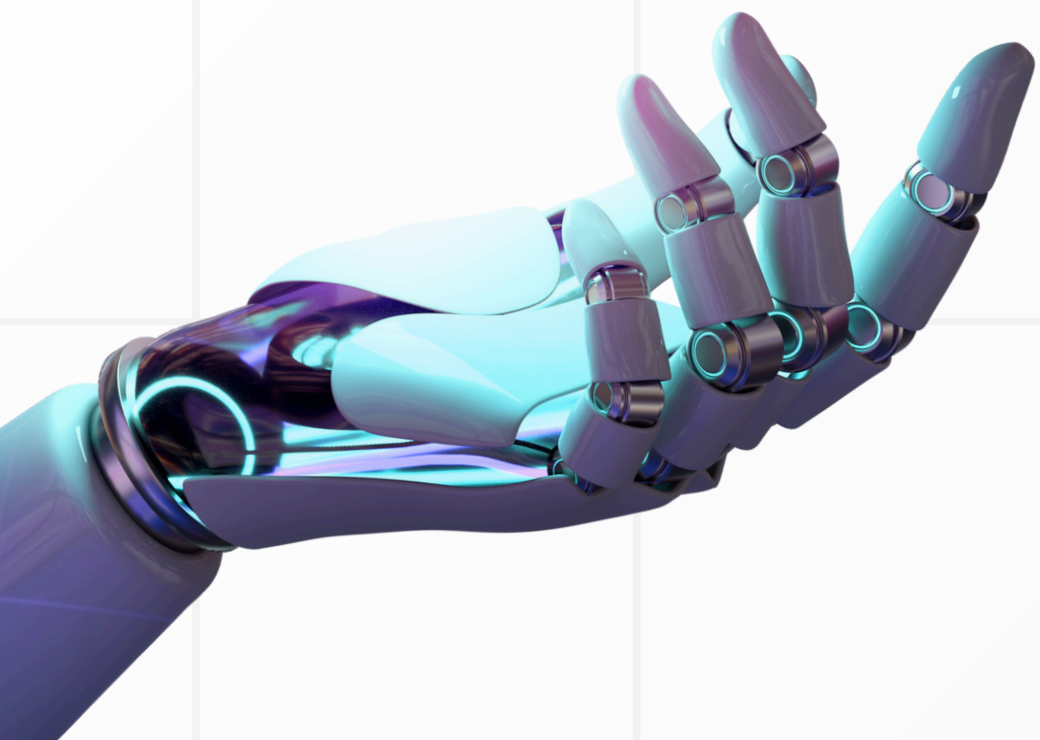




I think maybe one subject

**Let's learn from
a 5th grader**

Human-AI Collaboration Patterns



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Students who engaged in iterative and interactive collaboration with AI achieved better results than those who used AI passively or for supplementary information. Effective collaboration involved actively prompting AI for feedback, suggestions, and revisions.

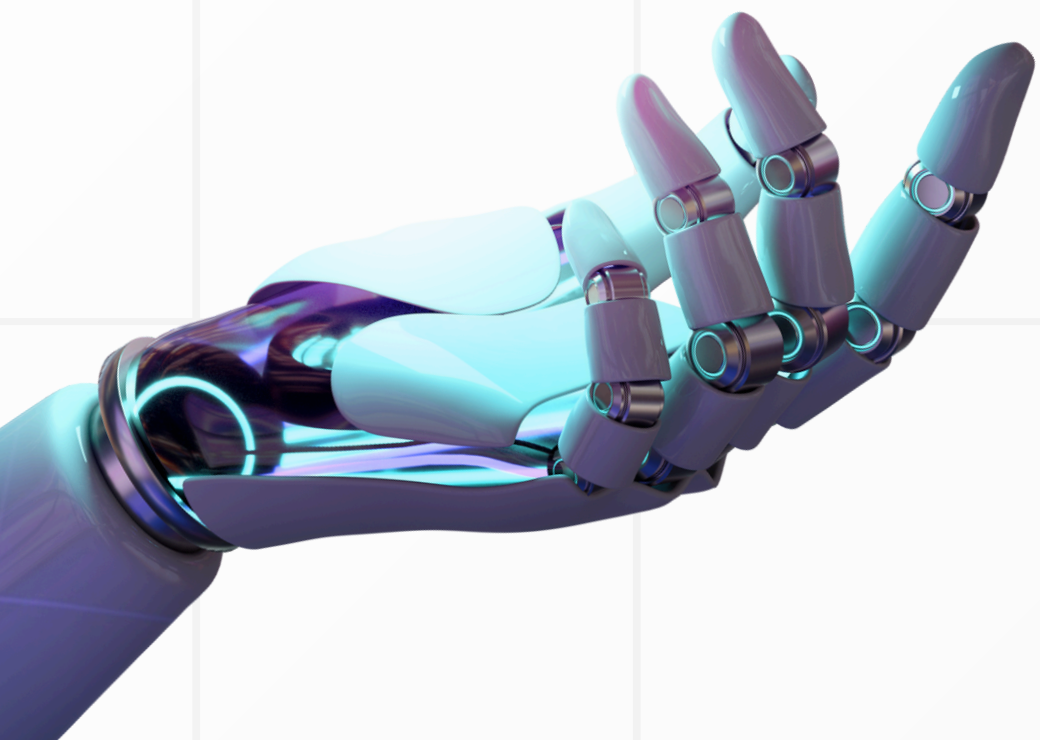
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(Nguyen et al., 2024)

Things Post-Grad Students Can Do with AI:

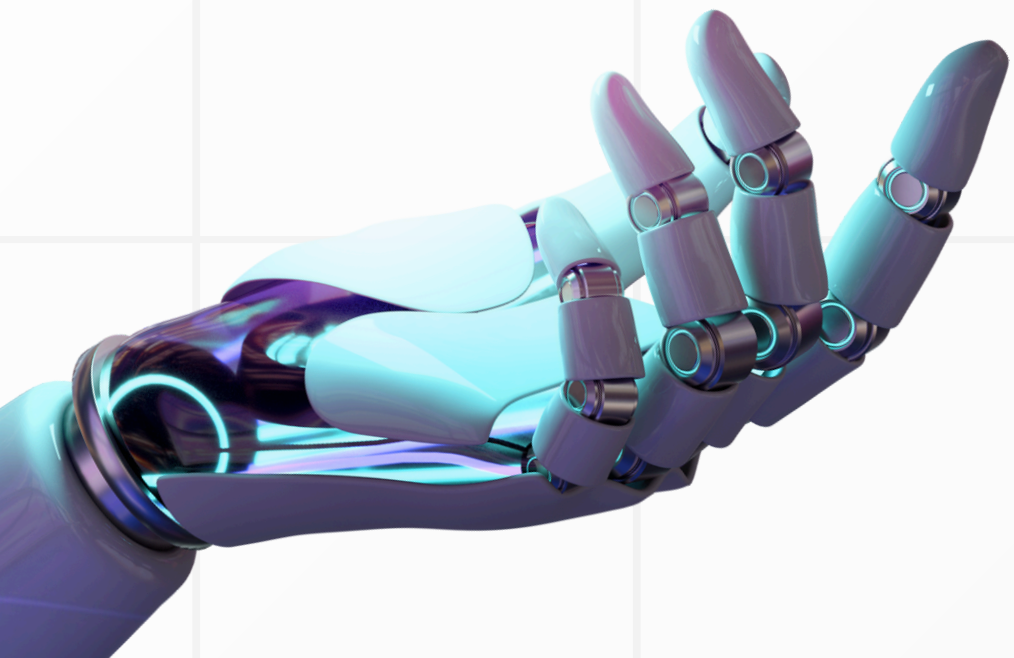
Brainstorm & Idea Generation

- Outline Creation
- Topic Exploration
- Brainstorming Counterarguments



<https://www.heuristi.ca/>

Heuristica is an AI-powered concept mapping tool that uses a mind map-like UI to dive deep into a subject by simply pressing buttons. Concept maps, like mind maps, are visual learning tools that make acquiring, visualizing, and organizing knowledge easy



Heuristica
AI-powered knowledge exploration

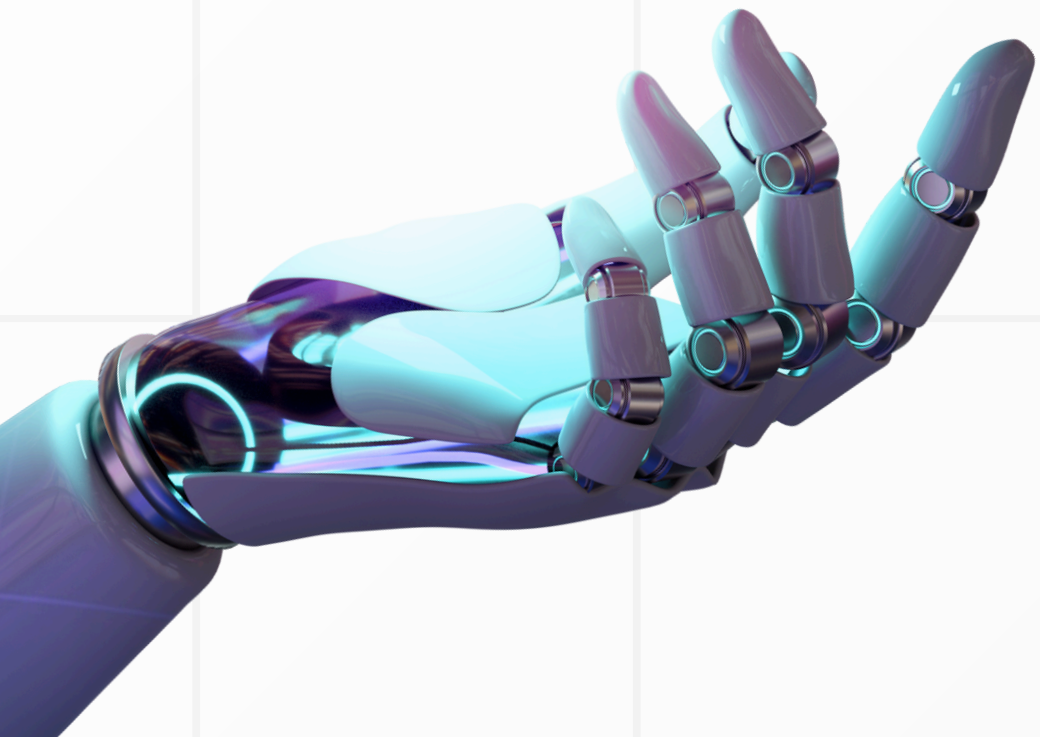
Concept Map Maker | Heuristica

Free AI Concept Map Maker

• [heuristi.ca](https://www.heuristi.ca)

<https://www.explainpaper.com/>

The Fastest Way to Read Research Papers
Upload a paper, highlight confusing text,
get an explanation. We make research
papers easy to read.



Explainpaper

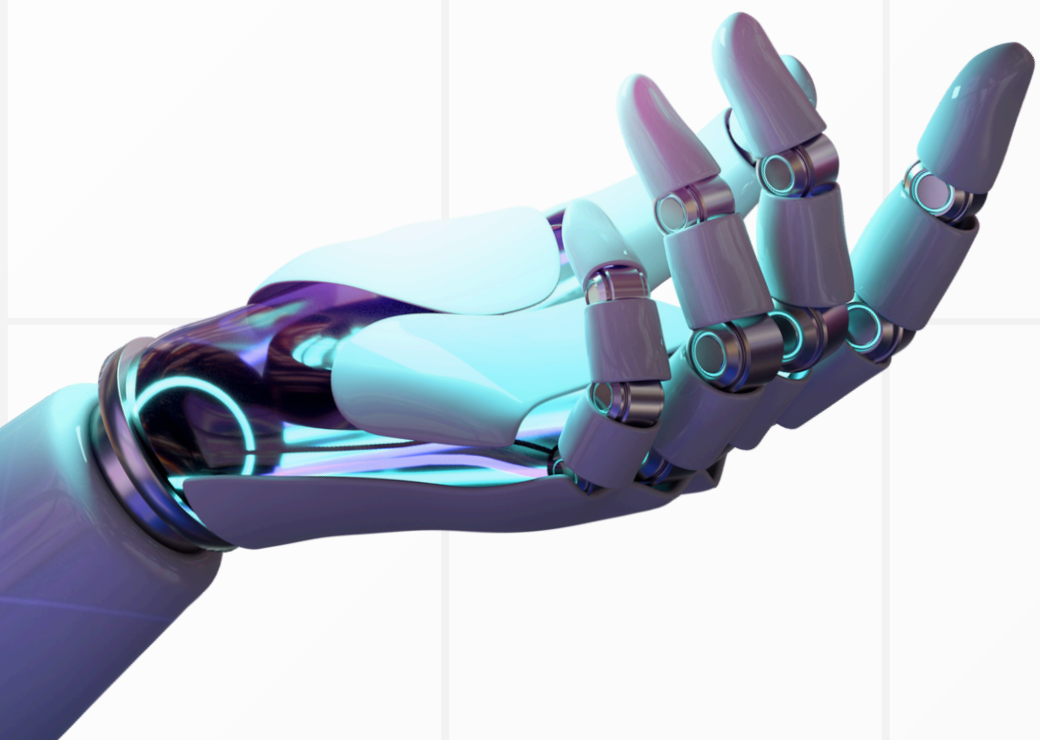
The best way to read research papers.

Explainpaper

Things Post-Grad Students Can Do with AI:

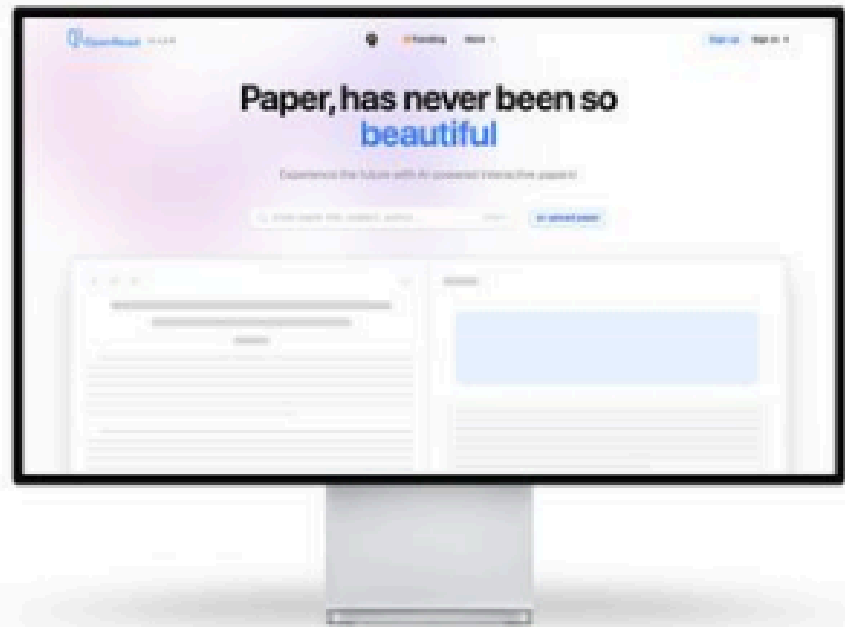
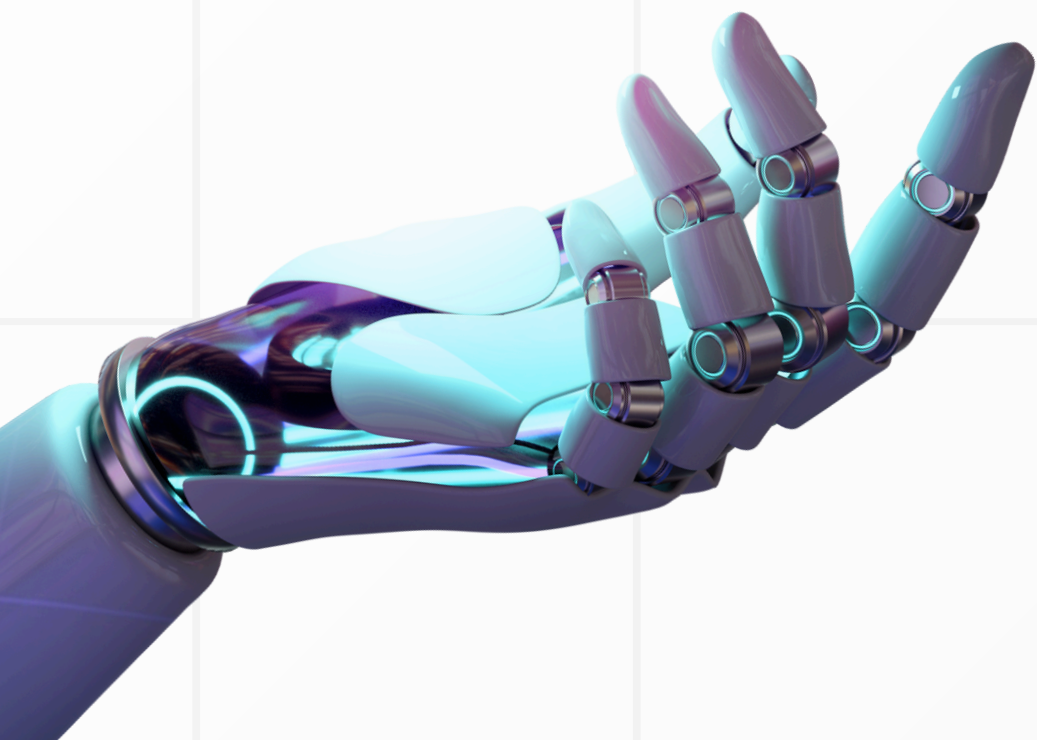
Organizing Literature & References:

- Literature Synthesis
- Citations Management
- Data Analysis*



<https://www.openread.academy/>

Grasp ideas with AI and build personal knowledge bank




Paper, has never been so beautiful

Experience the future with an advanced interactive app!

Let's reshape research

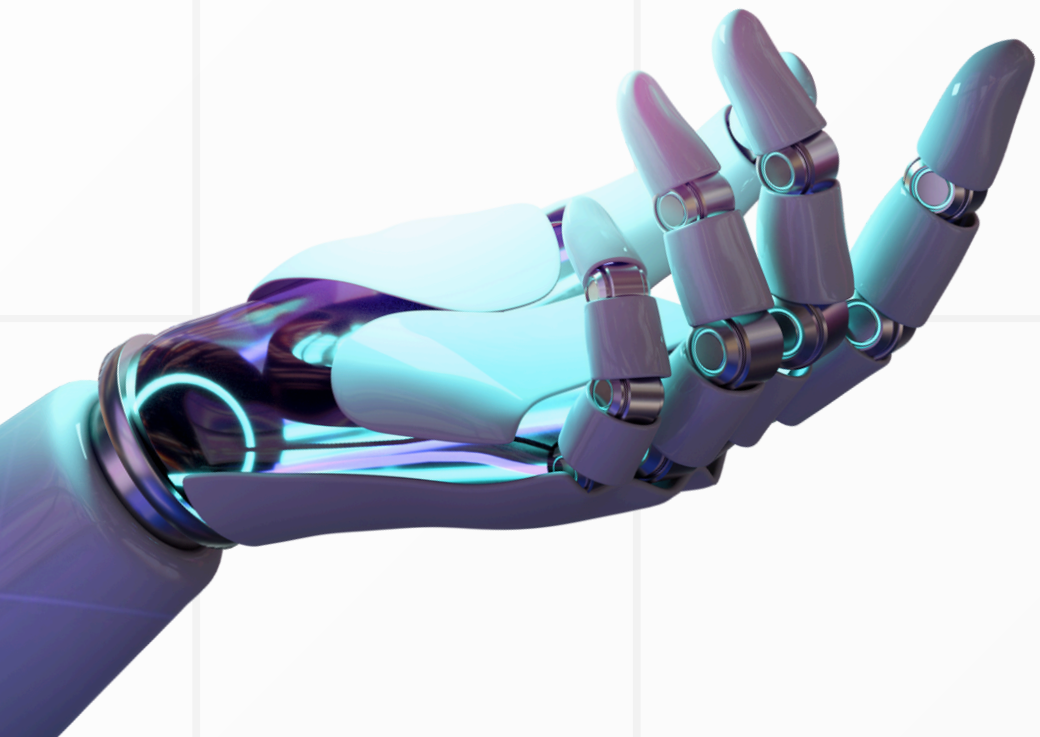
OpenRead employs cutting-edge AI technology to enhance and revolutionize your research experience.

 OpenRead

The complex block contains a screenshot of the OpenRead website interface, a small black cat icon, and promotional text. The website screenshot shows a headline "Paper, has never been so beautiful" and a sub-headline "Experience the future with an advanced interactive app!". Below the screenshot is a small black cat icon. The text below the icon reads "Let's reshape research" and "OpenRead employs cutting-edge AI technology to enhance and revolutionize your research experience." At the bottom of the block is the OpenRead logo, which consists of a blue square with a white 'Q' and the text "OpenRead" next to it.

<https://powerdrill.ai/>

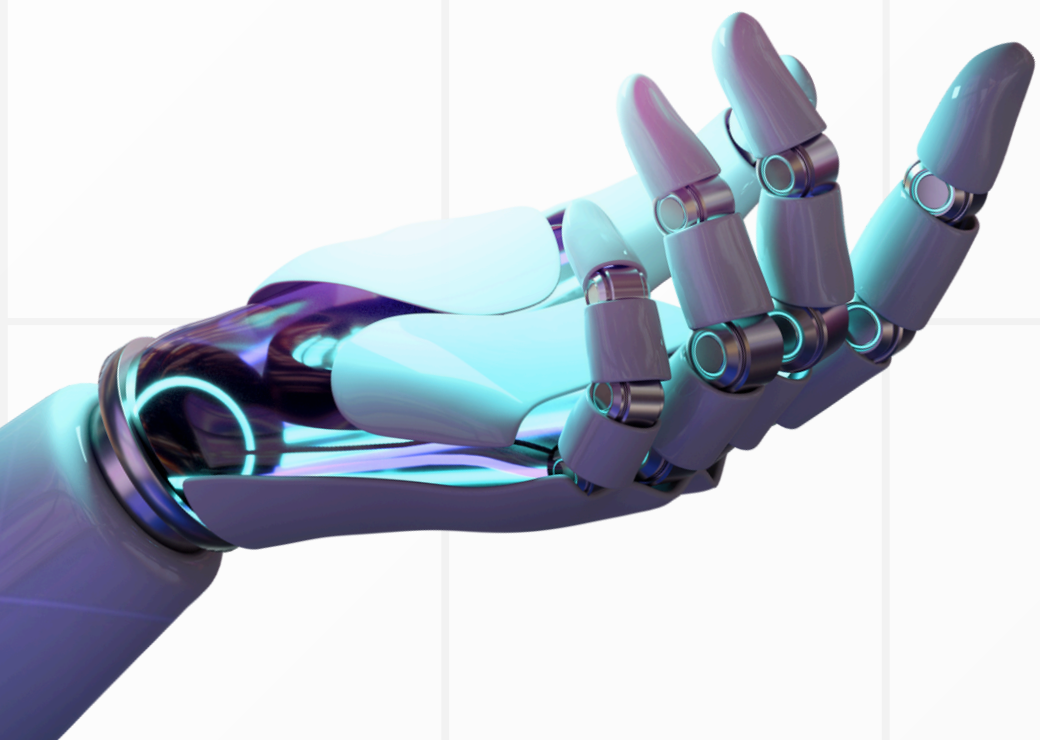
Talk to your data, quickly gain insights



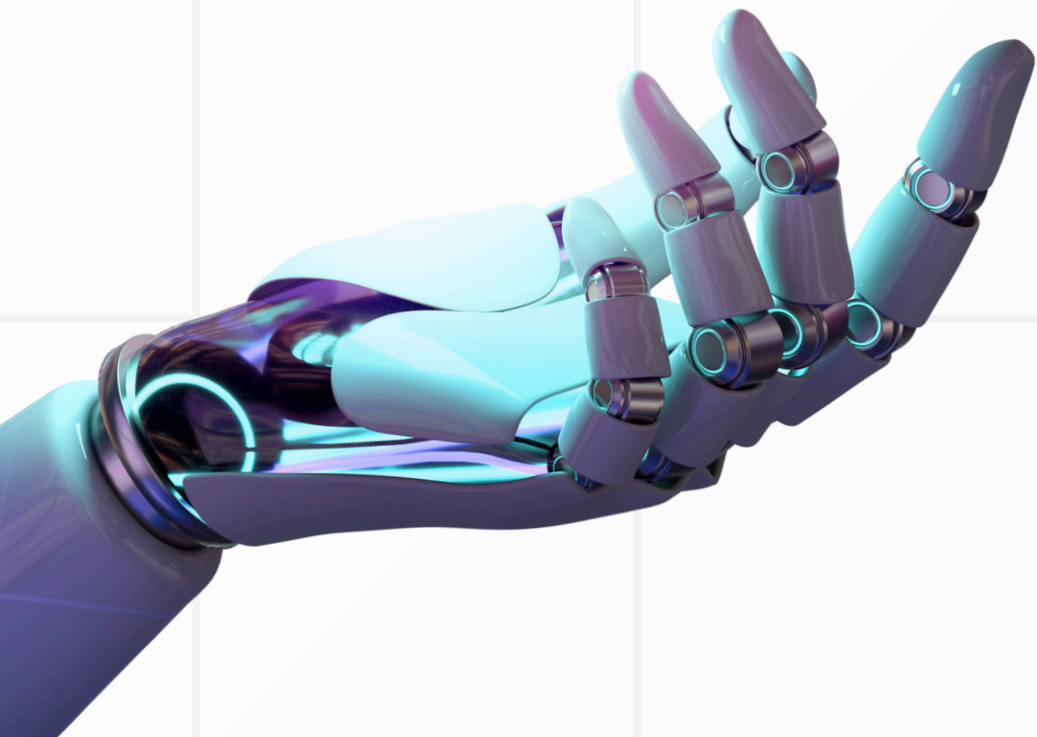
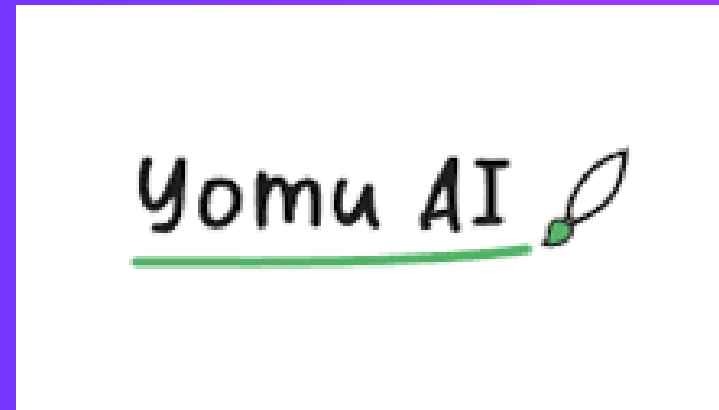
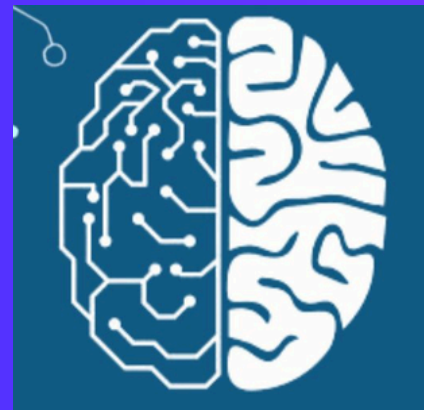
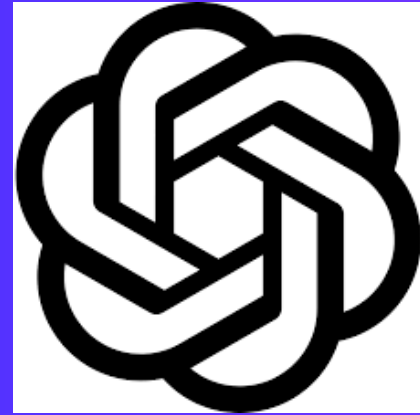
Things Post-Grad Students Can Do with AI:

Content Summarization & Editing:

- Summarizing Research
- Improving Clarity & Coherence
- Editing for Grammar and Style

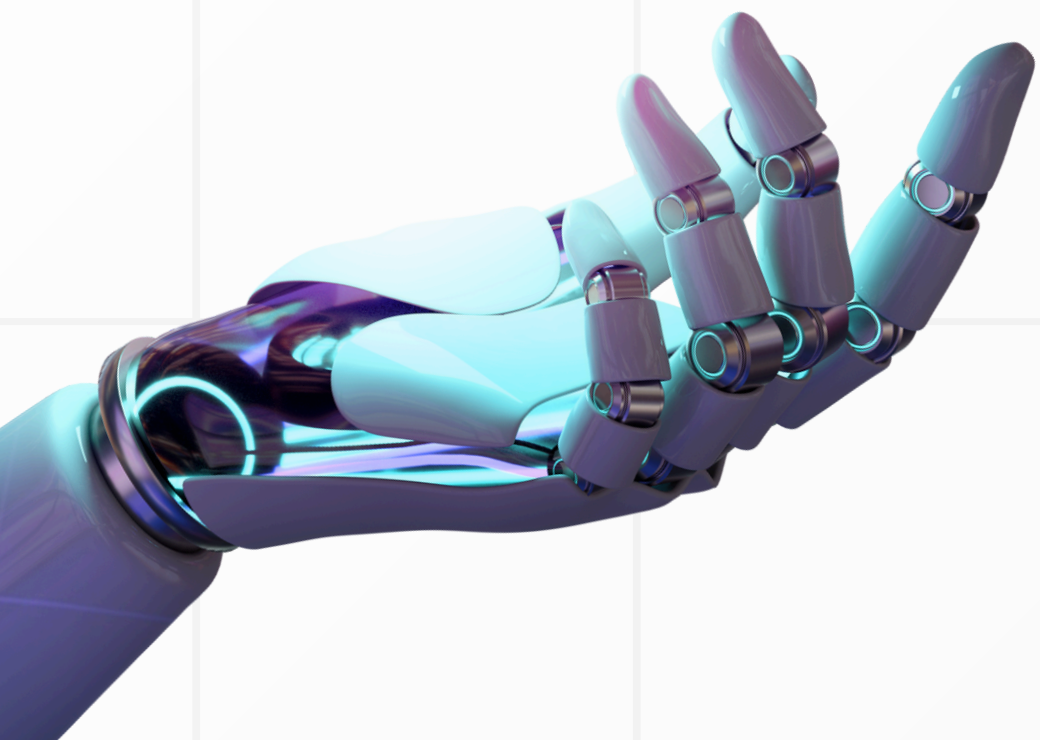


Some possible tools



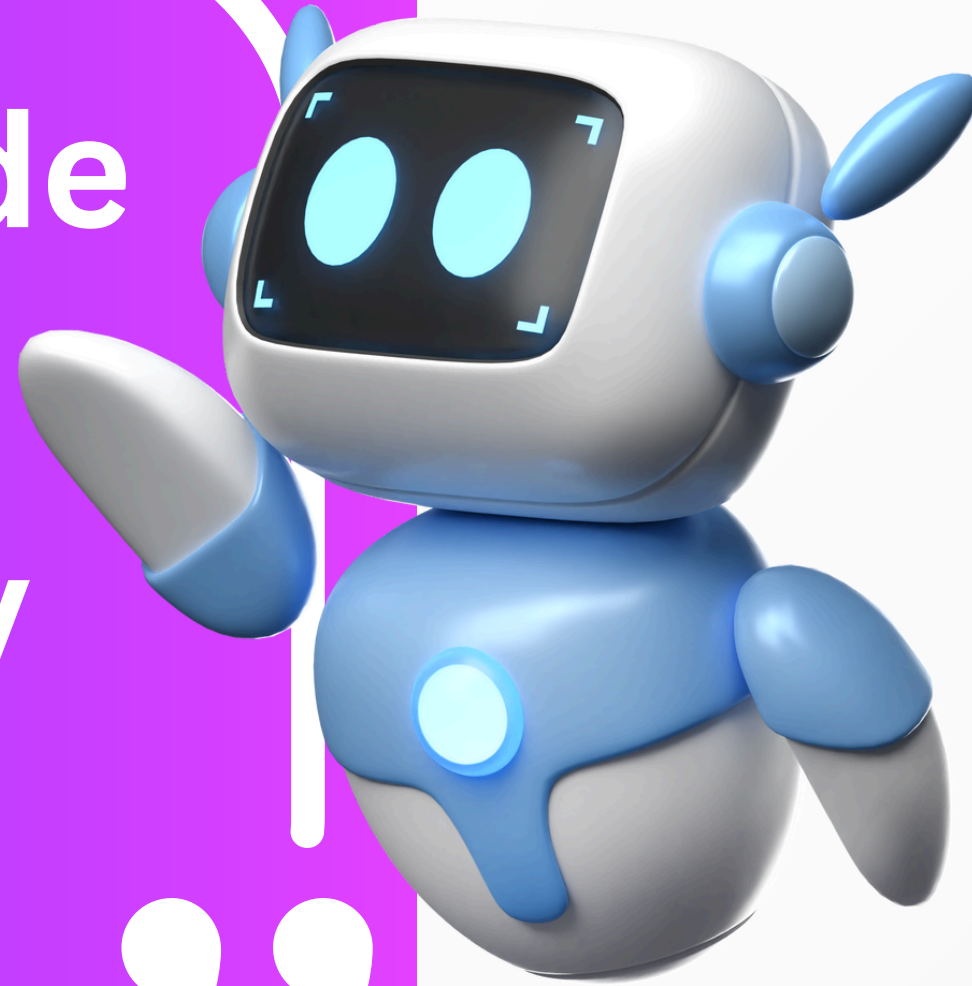
Some key takeaways

- Leverage AI for structure, brainstorming, and editing but **be cautious of its limitations** in factual accuracy and originality.
- Use AI ethically—**disclose** its use and **avoid** relying on it for **content generation**.
- **Critically engage** with AI tools, using them as **assistants** rather than content generators to maintain **ownership** over your academic work



“

If you have to hide
your use of AI,
you're probably
using it wrong



”



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References

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<https://doi.org/10.1016/j.edtech.2024.01.002>
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