

NOTE

**WISE**

# NoteWise

---

Zhiyuan Wang, Yiqi Xue, Boshen Zhang, Ying Sun

Note-taking can be a  
time-consuming, error  
prone, and  
disheartening process.

# TAKING LECTURE NOTES

## Why taking lecture notes?

- So you don't have to rely on your memory
- so you can focus better during class (and listen carefully!)
- test your understanding (you have to know what's important)

## Type or write?

the key question

### you can:

- Great flexibility + Awesome for people who can't concentrate
- write on notebooks/lecture notes (with internet)
- type on iPad/laptop
- write on iPad
- won't lose your notes + great flexibility + you can type when you have the need (BUT can be slow + complex)
- \* App rec: notability / pdf expert

## you should take notes of...

1. Things on board
2. definitions + key words + phrases
3. enumerations
4. Signaling phrases ("this is important")
5. emphasis in voice/body language
6. Things repeated
7. Examples
8. summaries/reviews

## Cornell + Outline?

the best method for taking classnotes?

### Cornell: Active learning

- encourage you to review your notes
- makes everything clear + concise

### Outline method

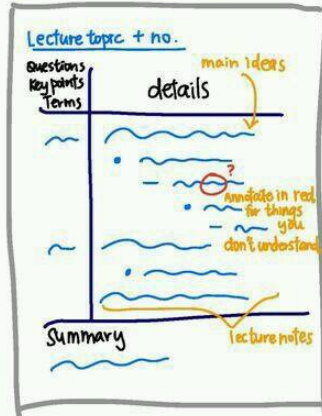
- encourage you to look for key ideas + main points
- clear, so you can spend less time reviewing them
- And of course, more organised

### you can use it on...

- Paper/notebooks (etc.)
- Laptop/iPad (e.g.: OneNote)

## Good note-taking habits

1. Review notes (prev. lecture)
2. Previewing the textbook (15 mins)
  - main terms/summary + prepare questions
3. When in doubt, write in doubt
  - "should I write it or not?" → write!
  - (Better: too much than not)
4. Be concise
  - use abbreviations
  - short sentences
  - know lecture style
  - Ask if you need to write down
  - \* 1st lecture: walk up to your teacher your notes (ask if they're good for this class)
  - may give you suggestions or ask for an example of notetaking
  - They know the main points of lecture
5. Use a good note-taking system



Note-taking format employing Cornell method + the outline method

Q - crab

Making clear links between the shapes on the picture + the <sup>associate</sup> SOUNDS...

This system ~~has~~ designed for design

Uses strength,

Visual / kinetic etc

allows for links between phonetically / similar letters

This system can equally be used in group + whole class teaching.

While in any classroom there are children who would learn to read with little direct teaching. This system makes sure every child is supported to use all their skills when learning to read + write.



To find more info visit - for free resources + further support

however many children with bit diff benefit from additional graduated support +

What do we have now?

—

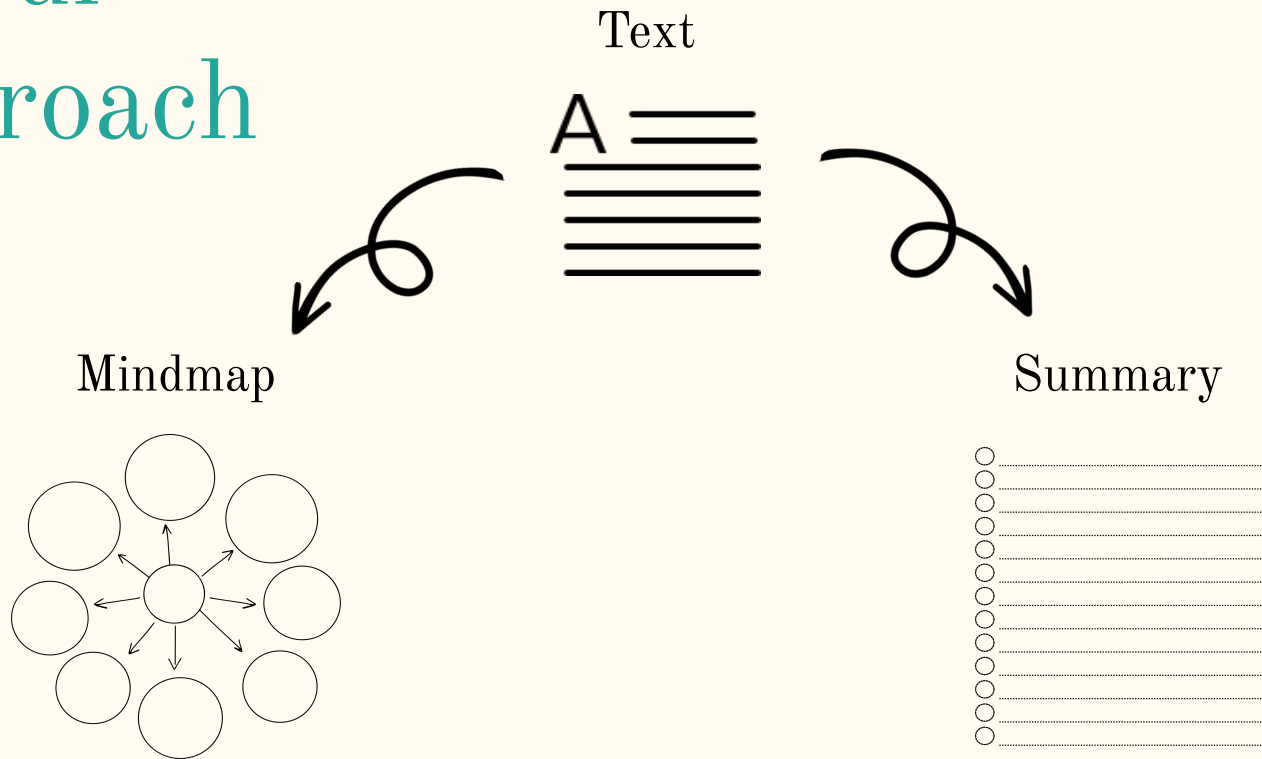
# Existing Solutions

- Native Generative AI (i.e. ChatGPT)  Can be hard for absolute beginners.
  - Software (i.e. fireflies.ai)  Mostly for meeting notes rather than focusing on Learning experience.
-

How to make it better?

—

# Our Approach

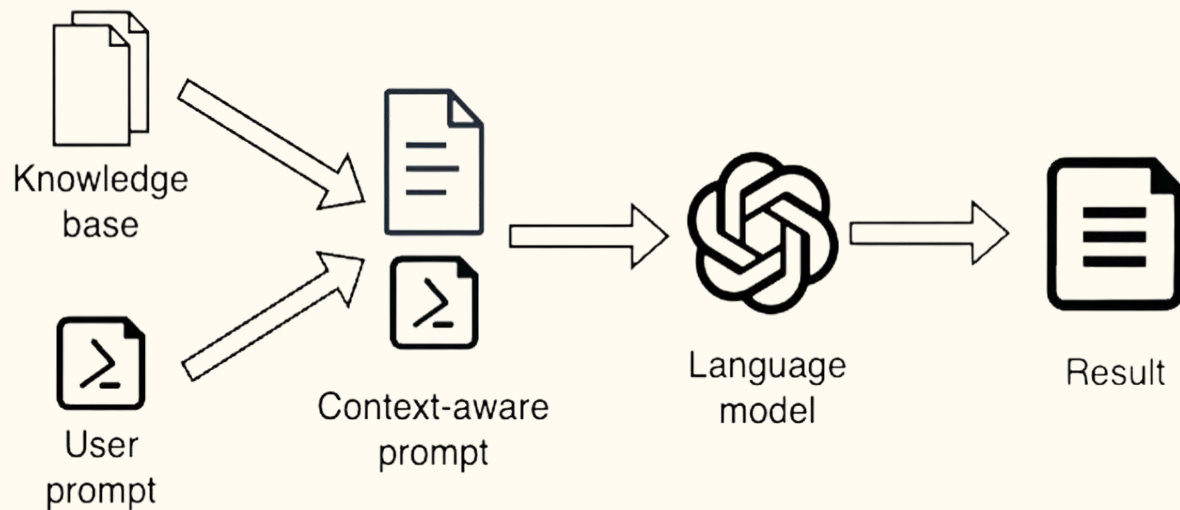




Demo

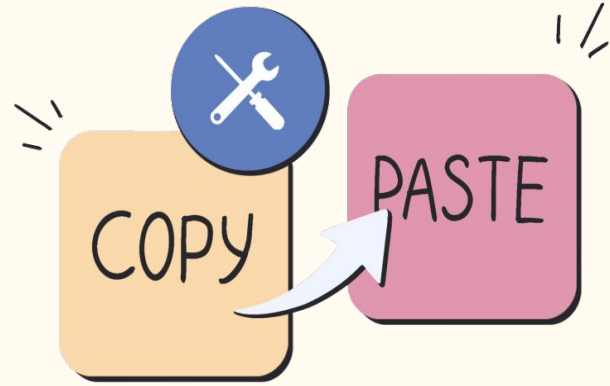


# Fine Tuned LLMs



Easy to use:

Two steps



What to expect next...

# What's next?

- Applying many other LLM ( ep.GPT-4, Bard, POE)
- Support miscellaneous file format (csv, pdf)
- generate slides based on the mind map generated.  
(50% completed)

Thank you!