Get to Know NotebookLM

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Why this is important:

- GenAl increasingly everywhere
- Our responsibility as educators to incorporate good use of these new tools, train students to use them well
- ChatGPT widely used, decent conversationalist, creative
- It 'knows' everything about everything
- Content can be vague, generic, wrong

What is NotebookLM?

- Tool built on Google's Gemini LLM
- Marketed as an 'Al Research Assistant'
- Uses sources you provide to establish context for your interactions with it Minimizes risk of hallucinations
- Sources can be added, removed, or selectively excluded during the interaction.
 - PDFs, Word, Text, websites, captioned YouTube videos
- NotebookLM output cites its sources

What is NotebookLIM?

- Transforms fragmented information into cohesive output
- Inference Engine- it is able to infer the context of the interaction from provided sources
- NotebookLM does not use your personal data, including your source uploads, queries, and the responses from the model for training.

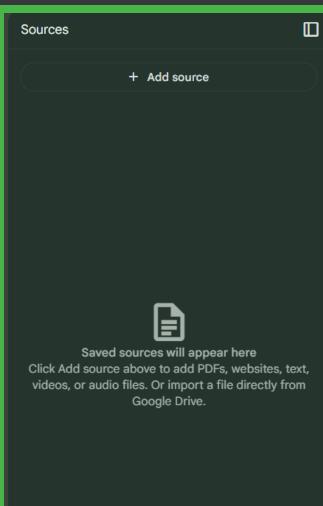
This means you have to save useful interactions!

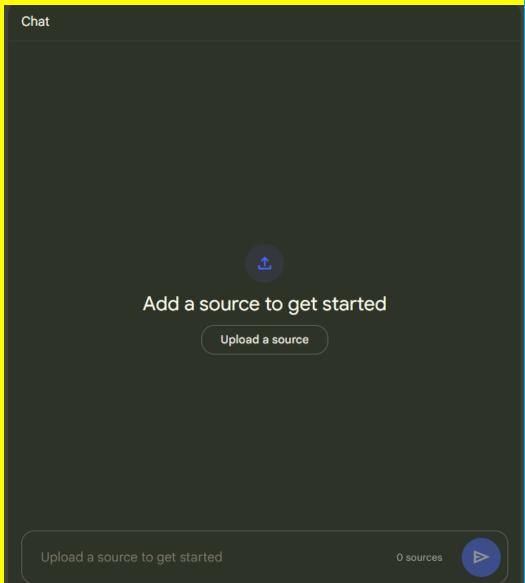


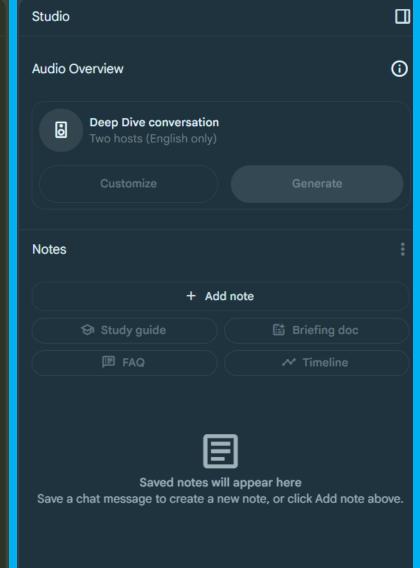


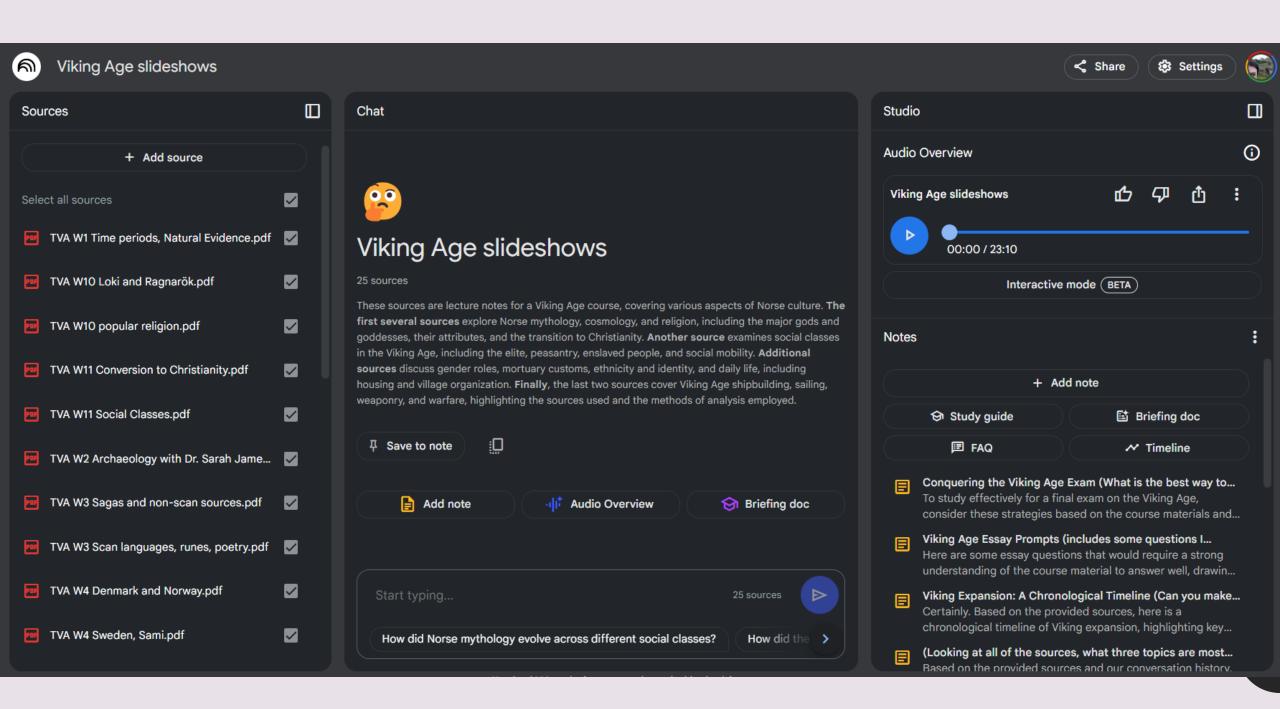






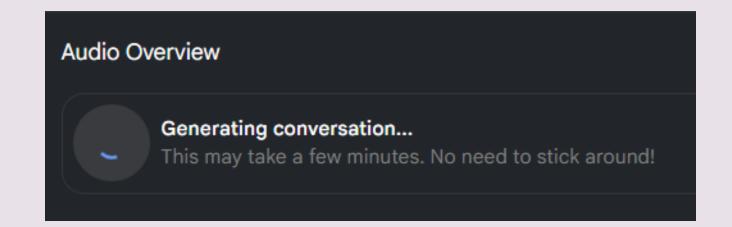






What can NotebookLM do?

- Summarize longform content
- Make connections between sources
- Suggest questions tailored to your documents
- Make FAQ, Table of Contents, Timeline
- Generate personalized podcast on your sources



Uses for Students

- Generate study guide
- Self-assessment with multiple choice questions, T/F questions, essay questions
- Listen to targeted podcasts to reinforce information
- Add assignment info and student work as sources, ask "Does this essay fulfill the parameters of the assignment?"

Uses for Instructors

- Upload syllabus, learning goals, assignment information, assigned readings, discussion prompts, etc
- Ask: Are all my stated learning goals addressed?
- Generate list of questions to revise/refine for exams
- Generate a rubric based on learning goals and assignment
- Course creation

Applications for outside the classroom

- Peer Evaluation Committee—"Is anything missing from my Reflective Teaching Statement?"
- Grant proposals
- Finding specific information in user manuals/leases/contracts
- Summarize large quantities of information when you start learning something new to you

What NotebookLM does not do

- Because it is source-grounded, its creativity is more limited than ChatGPT
- Limited to 50 sources (currently)
- Limited source types
- In the same way that LLM tools do not and cannot absolve students of critical thinking, it does not excuse educators from applying the same critical thought.