

Samsung Solve for Tomorrow

A BOOTCAMP **MARK CUBAN**
FOUNDATION

Lesson 3:

Tutorials Help You Learn Anything



Learning Doesn't Stop in School



Entrepreneurs

Researchers

Employees

Job Seekers

What is NotebookLM

An AI-powered research tool that thinks inside your sources – not across the whole internet.



You bring the sources

Upload articles, links, PDFs, or videos about your topic



AI reads all of them

NotebookLM builds its understanding only from what you uploaded



Fewer hallucinations

Because it stays within your sources, it's more accurate than a general AI

3 Parts of NotebookLM

1

Sources

Articles & links you import

Videos & PDFs

'Discover Sources' to find new ones

Select & import with the blue button

2

Chat

Ask questions about your sources

AI stays inside what you uploaded

Use BRIEF prompts for better responses

Responses include source citations

3

Studio

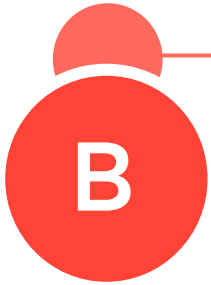
Generate briefing docs

Create mind maps

Make flashcards & quizzes

Only 3 audio/video overviews!

The BRIEF Framework



Background

Situation
Context



Role

Who the AI
should be



Input

The info it
must use



End Goal

What a great
answer looks like



Format

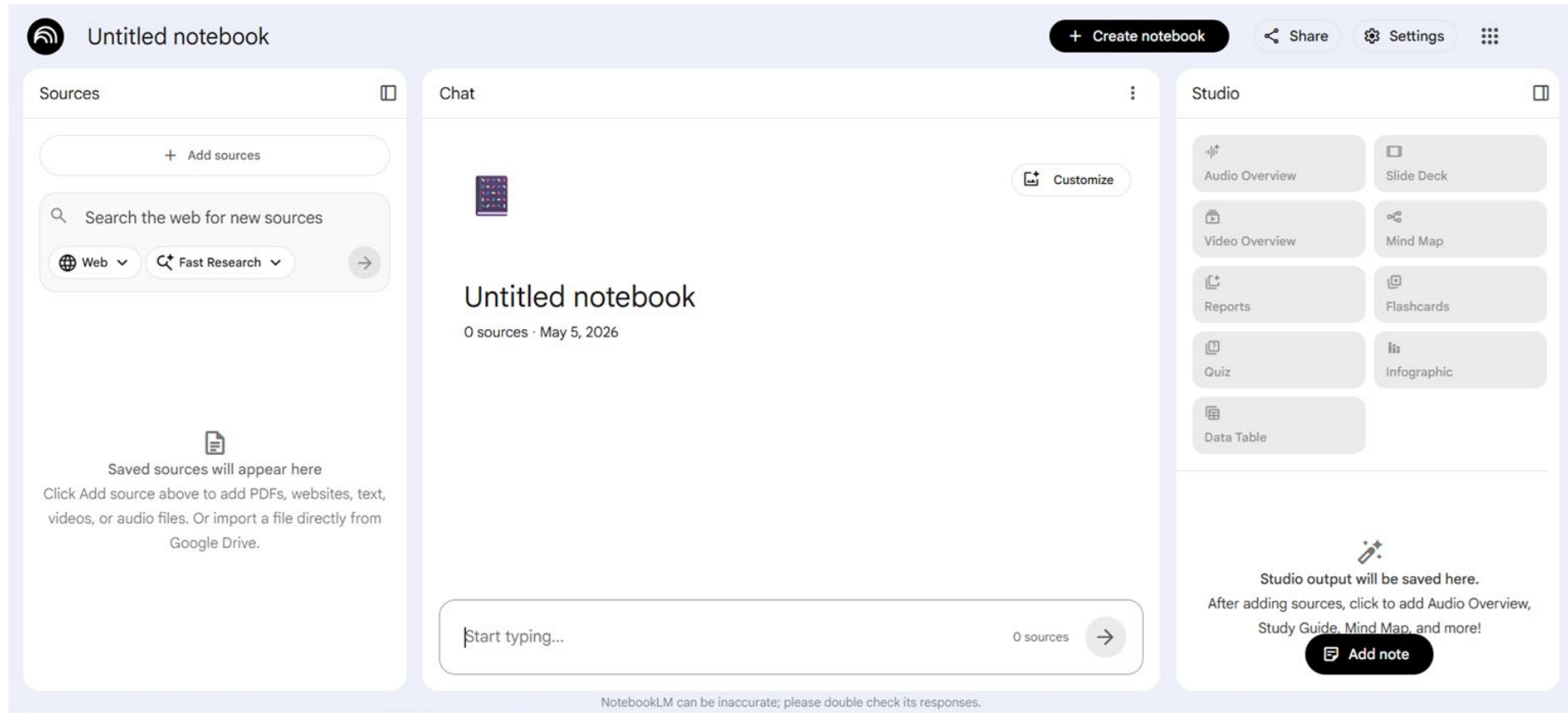
Layout,
length, style



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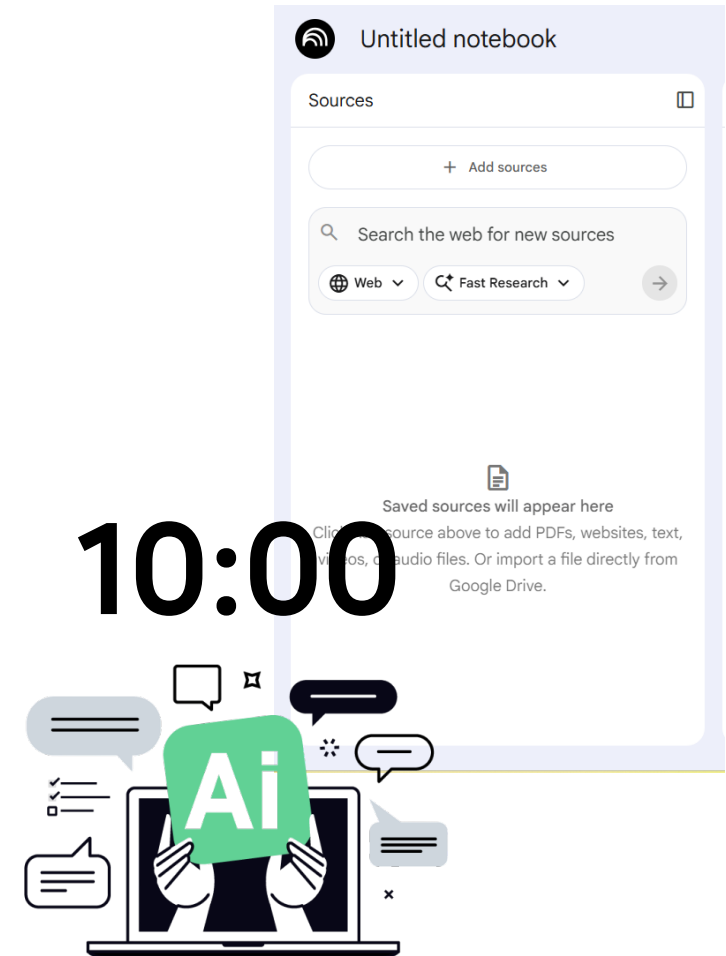
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NotebookLM



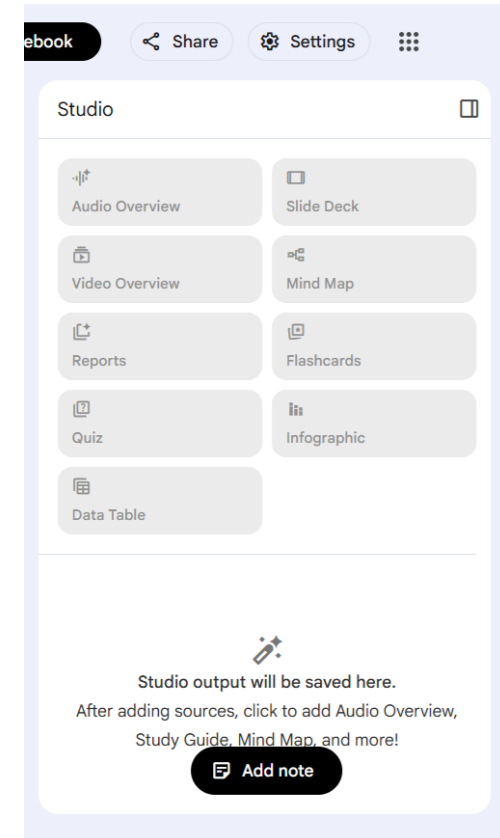
Activity #1: Find Resources

- 1 Open NotebookLM and create a new notebook (notebooklm.google.com)
- 2 Click 'Discover Sources' top right — or search in another tab
- 3 Search using prompts like
 - a) AI in [career]
 - b) How AI is changing [career]
 - c) Examples of AI in [career]
- 4 Check the boxes next to useful sources, then click the blue import button
- 5 Explore the Studio panel and generate a study aid



Debrief – Activity #1

- 1 Briefing Doc**
A summary of all your sources' key themes
- 2 Mind Map**
A visual diagram of connected ideas
- 3 Flashcards**
Q&A cards for studying key concepts
- 4 Quiz**
Test your understanding of the material
- 5 Audio Overview**
A podcast-style summary of your sources



Activity #2: Chat with Your Sources

Add the following prompt to the CHAT panel in NotebookLM

You are an AI tutor that helps high school students design practical AI projects.

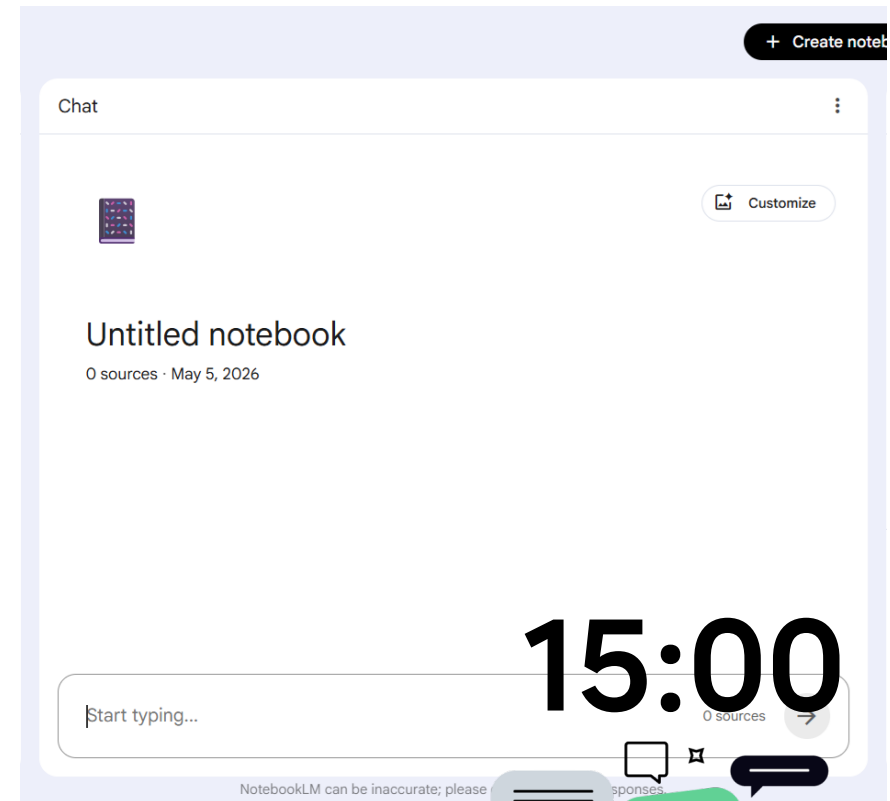
I am a high school student who is interested in *[career]*.

Your job is to guide me toward identifying a project idea that connects AI with this field.

Ask me 5 thoughtful questions that uncover: challenges or pain points in this field, opportunities for AI to make an impact, and my personal interests or strengths.

Please number the questions 1–5.

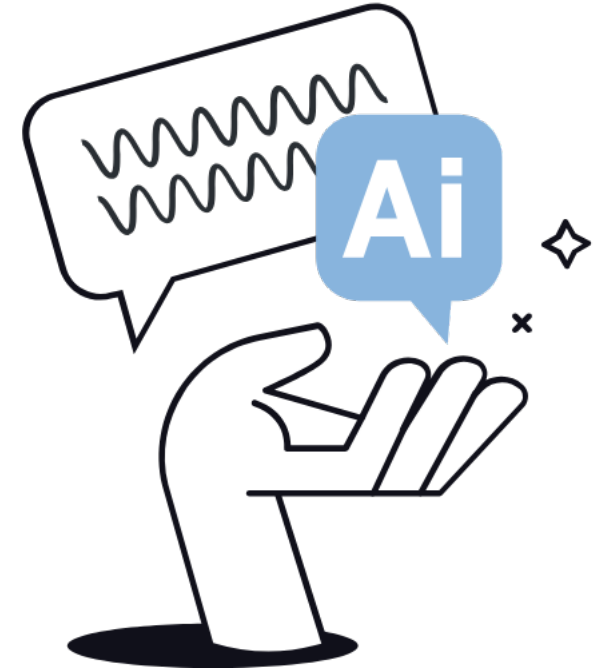
After you answer the questions, continue the conversation to refine your project idea.



Build Your Goal

A strong goal has three parts:

- 1 AI opportunity**
How could AI be applied in this field?
- 2 Challenge to be addressed/solved**
What problem or pain point exists in this career?
- 3 Personal fit (why I care)**
How does this connect to what you care about?



AI Opportunity + Challenge + Why I Care

Activity #2.2: Build Your Goal

Continue the chat conversation

- 1 What are the biggest problems or challenges in this career right now?
- 2 Where do people in this field struggle the most?
- 3 What tasks in this field take a lot of time or resources?
- 4 What is one area where AI could be used in the future but isn't widely used yet?
- 5 What is a creative way AI could make this field better for people?
- 6 Based on these resources, what is one goal a student like me could set to improve this field using AI?

5:00





Exit Question

The next time you use AI for something – for school, for work, for anything –

What is one thing you'll do differently based on what you practiced today?