

Learning

USING AI TO LEARN

Use AI to Learn Faster — Not Think Less

THE BIG IDEA

AI as your tutor, examiner & coach — not an answer machine

THE METHOD

The AI Learning Accelerator

1

Goal

Define the
outcome
you want

2

Source

Gather
trusted
materials

3

Prime

Skim the
map,
preview
questions

4

Learn

Explain
layer by
layer

5

Retrieve

AI quizzes
you; you
recall

6

Correct

Find & fix
weak
spots

7

Apply

Build,
solve,
present

8

Teach

Explain it
back, get
graded

Five jobs, five tools

FIND

Perplexity

Find the right
resources first

CAPTURE

TurboScribe

Turn audio /
video into text

UNDERSTAND

NotebookLM

Build your AI
course notebook

REMEMBER

Quizlet / Anki

Active recall +
spaced repetition

APPLY

**Gamma /
Canva**

Produce
something to
prove it

NotebookLM helps you understand • flashcards help you remember • Gamma / Canva help you prove you learned it.

NotebookLM — your AI study room

KEY FEATURES

- › Grounded, with citations
- › Upload PDF, web, YouTube
- › Auto study guides
- › Audio & Video Overviews
- › Mind maps & flashcards

BEST USE CASES

- › Digest a whole course
- › Lectures to study guides
- › Cited, no hallucination
- › Summarize long reports
- › Personal knowledge base

ACCELERATES LEARNING

- › Source: your materials
- › Prime: instant study guide
- › Retrieve: self-test quizzes
- › Reformat: Audio Overview
- › Review: jump to citations

Upload once → understand, quiz and review from one grounded notebook.

LIVE DEMO • NOTEBOOKLM IN ACTION

Family Scam Defense & Cybersecurity Toolkit

One source pack → six AI study assets, generated inside NotebookLM

01

Study Guide

Key concepts & summary

02

Mind Map

Visual web of topics

03

Checklist

Steps to stay scam-safe

04

Audio & Video Intro

Listen or watch an overview

05

Flashcards

Fast term recall

06

Quiz

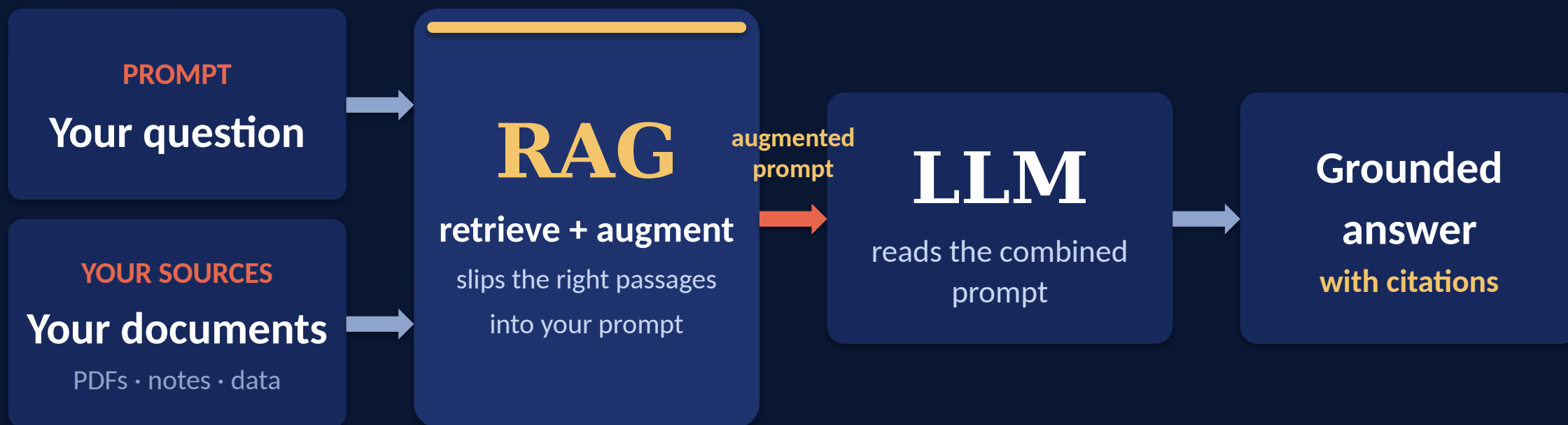
Test what you learned

→ Now let's build it live in NotebookLM

RAG Tools

BEYOND CHAT • RAG = RETRIEVAL-AUGMENTED GENERATION

RAG: The AI Reads Before It Answers



Closed-book chat answers from memory. **RAG hands it the right pages first.**

PICK THE RIGHT TOOL • ONE PROJECT CORE, DIFFERENT STRENGTHS

Same project core — different strengths

NotebookLM

Source-grounded notebook

Retrieval — your sources

BEST WHEN

understand a set of sources
— stays focused on your
documents.

PROJECT WORKSPACES

shared core: memory • retrieval over files • connectors & actions

Claude Projects

Reasoning & synthesis

STRONGEST WHEN

source-, research- & writing-
heavy work — think with me
over the material.

ChatGPT Projects

Productivity & execution

STRONGEST WHEN

mixed-mode work — spills into
many outputs, actions &
workflows.

Both share memory, retrieval & tools — they differ in emphasis, not capability.