

CERTYZE

60 tabs. One PDF.

Microsoft Learn Cert PDF Generator + AI Study Workflow

A typical Microsoft Learn cert is **8–12 modules** of **5–8 unit pages each**. That's **60+ separate browser tabs** end-to-end. The curriculum is published as a sequence of in-browser modules, with no offline export and no consolidated search.

This tool generates PDFs you can read offline, search across, or upload to **NotebookLM**, **Claude**, **ChatGPT**, or any other LLM for exam prep.

This guide has two sections:

- **Step 1: Get your PDFs.** Download the ZIP, or run the script against any cert URL.
- **Step 2: Learning.** The NotebookLM workflow and prompts that turn those PDFs into a personal exam tutor.

PRO TIP:

If you are interested in another cert, run the script yourself against any cert URL:

<https://github.com/CloudWalker-Defense/certyze>

STEP 1: GET YOUR PDFS

The ZIP is pre-built by a **Python script** that **scrapes Microsoft Learn**. The exam-prefixed files at the root (e.g. DP700-D1.pdf) are the combined learning path PDFs, suitable for end-to-end reading, search, and LLM upload.

STEP 2: LEARNING

PDFs alone are not a study plan. The workflow below turns them into one.

NOTE: NotebookLM's free tier caps daily chat messages and source counts. A heavy day running Prompts 1 through 4 against 8+ LPs can hit the ceiling. Spread the prompts across days, or upgrade for an intensive study schedule.

2a. Upload to Notebook LM

[Google NotebookLM](#) is an AI research assistant grounded in user-uploaded sources. Unlike a general-purpose chatbot, NotebookLM answers only from the PDFs you provide. Its responses reflect the actual cert curriculum, not outside knowledge.

What to upload: the **per-LP combined PDFs** at the cert-folder root (e.g. DP700-D1-...pdf, DP700-D2-...pdf), not every individual module PDF. Fewer, larger sources work better than many small ones. NotebookLM produces more coherent answers across the domain.

2b. Use NotebookLM's built-in features

Built directly into the UI. Zero prompting required. Run this sequence on Day 1 before reading a single PDF.

Mind Map - Run this first. It generates a visual hierarchy of every concept across your PDFs and how they connect. It gives you the skeleton of the cert, so nothing you read later feels unfamiliar.

Video Overview - A narrated explainer video generated from your PDFs. Not a replacement for reading but is useful for passive absorption: commutes, workouts, dishes. Generate one per learning path.

Flashcards - Auto-generated from your sources. Run a pass daily. Spaced repetition works even when it doesn't feel like it.

2c. Custom Prompts

Built-in features map the material. They do not test your actual understanding. These prompts do.

Copy any prompt from the appendix, fill in the [BRACKETED] placeholders, and paste into your NotebookLM chat.

1. **Personal Certification Coach** – Domain breakdown, day-by-day study plan, and a one-question-at-a-time quiz. Run after your first read-through to establish a baseline.
2. **Weakness Signals** – Reads the PDFs to infer likely weak areas from sub-concept count, cross-references, and "when to use X vs Y" comparisons. Run mid-study to redirect effort toward topics with the largest expected score impact.
3. **Feynman Flip** – You play teacher. NotebookLM plays the skeptical student and interrogates your logic. Run late-stage to validate topics you think you've already mastered.

2d. Suggested Study Cycle

This cycle assumes ~3-4 weeks of runway. Compress proportionally if you have less.

1. **Day 1.** Get the PDFs. Upload them to NotebookLM. Run the Mind Map. Generate one Video Overview.
2. **Days 2 to Final Week.** Read the PDFs in order, one or two learning paths per day. Run Prompt 1 (Personal Certification Coach) after each path to quiz yourself. Drill Flashcards for 10 minutes daily, using the "Got it / Missed it" buttons so NotebookLM tracks what you struggle with.
3. **Mid-study.** Run Prompt 2 (Weakness Signals). Identify your top 5 weak topics. Redirect your reading effort to those areas.
4. **Final week.** Take the weakness list generated in Step 3. For each of those weak topics, run Prompt 3 (Feynman Flip) until you score an 8 or higher. Attack them one by one until the gaps are closed.
5. **Day before exam:** Re-skim the Mind Map. One light flashcard pass

APPENDIX

PROMPT 1: PERSONAL CERTIFICATION COACH

You are my personal certification coach for [EXAM NAME, e.g. DP-700].

--- MY CONTEXT ---

Days until exam: [14 days]

--- HOW TO RESPOND ---

This is a multi-step session. Do ONE step per response, then stop and wait for me to type "next" before continuing. Do not preview later steps.

--- THE STEPS ---

Step 1: For each major domain in the uploaded PDFs, give me:

- Domain name
- The 3-5 core topics/services covered within it
- Approximate share of total PDF content (a proxy for likely exam weight, since Microsoft doesn't publish weights inside the Learn modules)

Format as one section per domain, not a flat list.

Step 2: Build a practical study plan for the timeframe above, allocating specific modules to specific days.
Stop and wait for me to say "Next".

Step 3: Quiz me. Generate ONE multiple-choice question in the style of the real exam. Do not reveal the answer. Stop and wait for my reply (A, B, C, or D). After I answer, tell me if I got it right, explain the concept with a real-world analogy if I got it wrong, then ask if I want another question.

Begin with Step 1.

TECHNICAL DETAILS: For installation troubleshooting, configuration options, and the architecture:
[GitHub - CloudWalker-Defense/certyze: description](#) · [GitHub](#)

PROMPT 2: WEAKNESS SIGNALS

You are my exam-weakness analyst, working from the PDFs I've uploaded.

--- MY CONTEXT ---

Subject I'm studying: [EXAM NAME, e.g. DP-700].

Topics I already know well (skip these): [e.g., "SQL basics, Power BI reports"]

My available time: [e.g., "10 hours this week"]

--- WHAT I WANT ---

Use these signals from the PDFs to detect where I am likely weakest:

1. Topics with many sub-concepts or configuration steps (easy to confuse)
2. Topics that are heavily cross-referenced (depend on understanding others first)
3. Topics with "when to use X vs Y" comparisons -- the most common exam traps
4. Topics tied to specific roles/permissions/settings for this exam -- detail-heavy and frequently tested

Skip any topics from my known-well list above.

For each of the 5 weakest topics, give me:

- Topic name and which exam domain it belongs to
- Why it's likely a weak area -- based on what the PDFs do with it
- What to review first -- the single most important concept to anchor on
- How much time to spend (in minutes or hours, must sum across all 5 topics to within my available time above)
- A quick self-check question to confirm I've learned it

Rank from hardest-to-master to easiest.

Prioritize what will improve my exam score the most, not what's easiest to learn.

PROMPT 3: Feynman flip (you teach, NotebookLM tests you)

Flip our roles. You are the student. I am the teacher.

--- MY CONTEXT ---

Studying for: [EXAM NAME, e.g. DP-700]

Topic: [TOPIC, e.g. "DirectLake mode"]

Style: [e.g. "sharp student who asks why" OR "skeptical professor"]

--- BEFORE YOU START ---

Your explanation should be 2-4 paragraphs in your own words: what it is, how it works, when to use it. Short explanations = shallow gaps found. Send one thing per turn -- answer OR question, not both.

--- HOW TO RESPOND ---

Wait for a message starting with "My explanation:" before doing anything. Treat it as complete -- don't ask if I'm done.

Then ask ONE question per response. Wait for my answer before grading. Use ONLY the uploaded PDFs.

--- THE FLOW ---

Step 1: Wait for "My explanation: ..."

Step 2: Ask 3 questions, ONE PER RESPONSE:

Q1 - Something I skipped or oversimplified

Q2 - A "why does this work" question (mechanism, not facts)

Q3 - A hard question connecting this topic to others in the PDFs

Step 3: After each answer, tell me:

- Correct per the PDFs?
- What I missed
- Which part of the PDFs to re-read

Step 4: After Q3, score me 1-10 and recommend what to study next.

"My explanation: ..."