

PRACTICE C

# Make the Paper *Compound*

*20 minutes, hands on — ingest one paper into an LLM  
Wiki.*

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One paper today — but the same wiki grows across your whole literature.

## ■ The Next 20 Minutes

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*A talk is used once; a wiki keeps paying back every time you return to the paper.*

- Goal: a mini LLM Wiki of the paper — an `index.md`, a few pages, a `log.md`, then a lint.
- Pattern: raw source stays read-only; the agent maintains the knowledge pages.
- Payoff: next time, you *query* the wiki instead of re-reading 40 pages.



## ■ 1 Write the Schema (4 min)

*The schema is the one thing you'd otherwise re-explain every session.* Make the folder and drop in the paper, then write my\_wiki/CLAUDE.md:

```
mkdir -p my_wiki/raw && cp RCT_paper.md my_wiki/raw/
```

```
# Research Wiki --- schema
raw/    the paper; read-only, never edited
pages/  one topic each; you maintain them
Frontmatter (a labelled header): type, status, updated
Cite a table for every number; [[wikilink]] recurring ideas
After each ingest: update index.md + log.md
```

## ■ 2 Ingest the Paper (8 min)

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*Ingest is the core move — read once, synthesise into linked pages.*

```
Ingest @my_wiki/raw/RCT_paper.md: write pages in my_wiki/pages/  
for overview, design-and-randomization, and main-results.  
Wikilink shared concepts; cite a table for every number;  
then update my_wiki/index.md and my_wiki/log.md.
```

Start with three pages. You can grow to heterogeneity, mechanism, market-reaction, robustness later.

## ■ 3 Query With Citations (4 min)

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*Now ask the wiki, not the PDF — and demand it show its source.*

Using only the wiki, what is the main result and which table reports it? Cite the page you used.

- A good answer points to a pages/ file *and* the table inside it (main-results, Table 6A).
- If the answer is genuinely new, save it back as a page — that is how the wiki compounds.



## ■ 4 Lint the Wiki (4 min)

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*A lint — a periodic health check — is what stops a wiki from rotting.*

Lint the wiki: flag any number without a table, any page not linked from index.md, and any contradiction between pages.

The target is a boring report — e.g. `lint | 0 uncited numbers`. A boring lint is a healthy wiki.

## ■ Checkpoint

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*An index you could hand a co-author, and a log you could audit.*

### ■ What good looks like

An `index.md` grouped by category (Overview / Design / Results / Interpretation / Validity / Reference), each page carrying frontmatter and a table behind every number; an append-only `log.md` of every ingest and lint. Compare against the instructor's 9-page wiki.

Red flag: a 3-page essay in one file. Split it — one topic per page, one line per page in the index.

## ■ If It Drifts, Steer

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*Two habits keep the wiki trustworthy and navigable.*

### Symptom

- one giant page, no structure
- a claim with no table
- pages nobody links to

### Say

- “One topic per page; summarise in one paragraph, then sections.”
- “Cite the table or mark it not reported.”
- “Link every page from the index.”



## ■ Stretch, Then the Payoff

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*The wiki earns its keep the moment you reuse it.*

- Stretch: add an open-questions page — author-flagged limits plus your own doubts.
- Stretch: weekly synthesis — “What non-obvious links or contradictions exist across the pages?”
- Reuse: the same pages feed your lit review, your slides, and your referee prep.
  - *Set up, presented, refereed, and remembered — the whole loop, on one paper.*