WEBINAR · 12 NOV 2026

Using AI responsibly in research

The EU AI Act, GDPR and what departments are doing

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Avidemic



WHO'S HERE TODAY · 16 COUNTRIES

Welcome, from Lisbon to Stockholm



Sweden Lund, Stockholm, Chalmers, Umeå, Luleå, Linnaeus, Karlstad, BTH, RISE

Norway NTNU, Oslo, OsloMet, UiT, Bergen, Inland, Østfold, NIH

United Kingdom UCL, King's College London, LSHTM, Bath, Southampton, Strathclyde

Finland Jyväskylä, Oulu, VTT

Netherlands Leiden, Wageningen, UMCG

Baltics Vilnius Tech, KTU, Mykolas Romeris, Rīga Stradiņš

Poland SGGW Warsaw, Szczecin, Katowice

Portugal & Spain Lisbon, Algarve, Basque Country

Ireland, Iceland, Switzerland UCC, RCSI, Akureyri, PSI

Bahrain & UAE Bahrain Polytechnic, Kingdom University, RAK Medical, Abu Dhabi University

TODAY

One hour, six parts

1	**How AI works**	Why it sounds right, and is sometimes wrong
2	**AI across your research**	Reading, writing, analysis, methods: prompts to copy
3	**The rules in brief**	EU AI Act and GDPR: what applies to you
4	**Common risks**	Made-up references, leaked data, authorship
5	**What departments are doing**	Guidelines, approved tools, training
6	**Kahubi + Q&A**	A short demo, then your questions

HOW IT WORKS

A language model guesses the next word. It doesn't look anything up.



Trained on billions of sentences

It predicts what usually comes next.



Fluent isn't correct

It sounds just as sure when it's wrong.



Give it real sources

Your papers, your data, or real databases.

MEANWHILE, IN SCIENCE

AI is no longer just a writing tool

2024

Nobel Prize

in Chemistry for AlphaFold, which predicts the 3D structure of proteins.

JUL 2025

IMO gold

Gold-medal scores at the International Mathematical Olympiad, from Google DeepMind and OpenAI models.

MAY 2025

48 steps

AlphaEvolve beat a 56-year-old record for multiplying 4x4 matrices (Strassen, 1969).

The same next-word machine, used with checks and real data, now produces new science.



I expect, say, 2026-level AI, when used properly, will be a trustworthy co-author in mathematical research, and in many other fields as well.

Terence Tao, Fields Medal mathematician

Written in 2023. It is now 2026.

THIS AUTUMN · OPENAI

AI now tackles Millennium Prize problems

SEP 2026

Navier–Stokes

Fluid flow can blow up in finite time (with an external force). Checked in Lean; under review.

OCT 2026

Quasi-Riemann

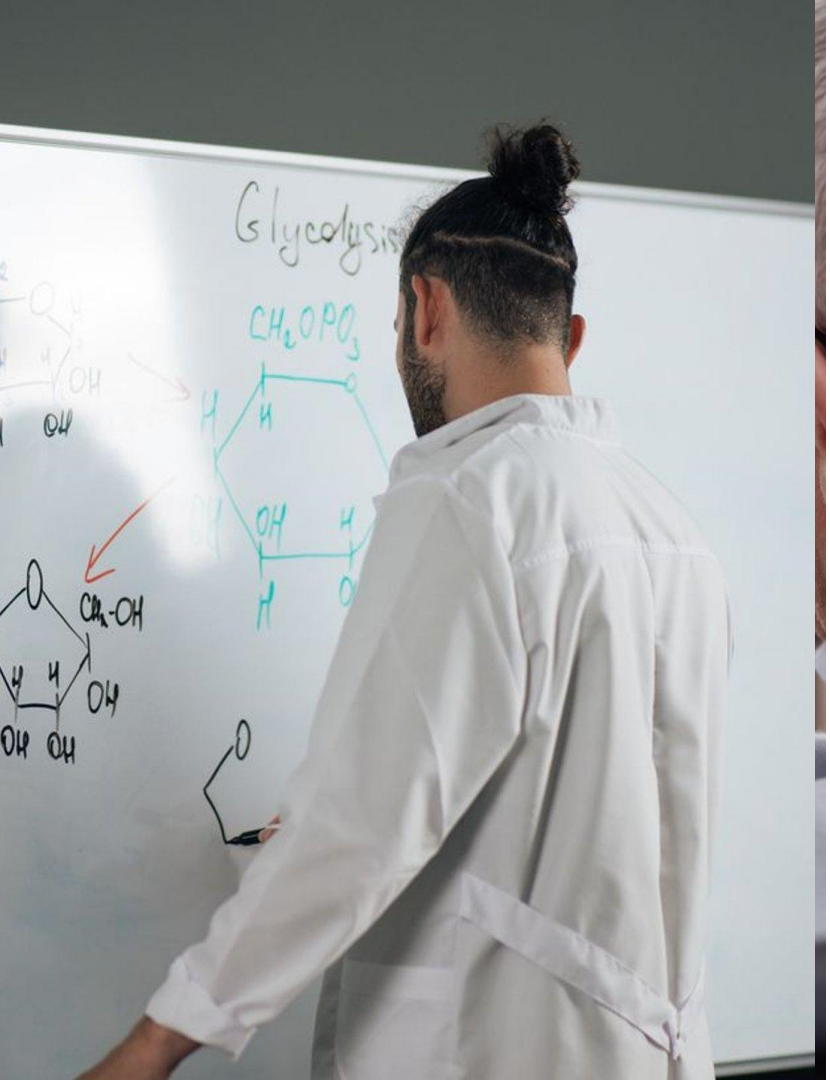
Zeta zeros confined to a narrower strip. 'The most significant AI-for-math achievement so far.'

OCT 2026

722 papers

Released in one batch, incl. partial results on Hodge and Birch–Swinnerton-Dyer. Most not yet verified.

Remarkable, and still being checked by people. Same rule for us: verify before you trust.



PART 1 · AI ACROSS YOUR RESEARCH

AI for research

AI helps in four areas: reading, writing, analysing and designing your study.

Reading

Read and interpret papers, simplify complex topics.

Writing

A writing aid: rewrite, proofread, suggest text.

Analysis

Analyse data, find patterns, draft interview and survey questions.

Method

Suggest methods, theoretical frameworks and research gaps.

READING · COPY THIS PROMPT

Read faster, without skipping the paper

PROMPT

Here is a paper.

Summarise the research question, design, sample and main finding in five bullets.

List the three limitations the authors mention, and two they don't. Say where in the paper each point comes from.

Use your own PDFs · ask for sources · check them

ALSO USEFUL FOR

- **Simplify a dense methods section**
- **Translate a paper into your language**
- **Compare two papers' methods**
- **Explain an unfamiliar statistic**
- **Prepare a journal club**
- **Pull out key arguments fast**

WRITING · COPY THIS PROMPT

A writing aid, not a ghostwriter

PROMPT

Here is my paragraph.

Improve clarity and flow for [journal]. Keep my terminology, my claims and my voice.

Don't add new content or references. List every change you made.

You write first · AI edits · you check every change

ALSO USEFUL FOR

- **Proofread a manuscript**
- **Cut an abstract to 250 words**
- **Write a lay summary**
- **Draft a cover letter**
- **Answer reviewer comments**
- **Check terms are consistent**

ANALYSIS · COPY THIS PROMPT

AI does the legwork. You judge.

PROMPT

Here is my dataset; the columns are described below.

Suggest suitable tests for [question] and the assumptions to check. Write the R code and explain each step.

Flag anything that needs my judgement.

Check assumptions · no personal data in free tools

ALSO USEFUL FOR

- **Find correlations**
- **Choose a statistical test**
- **Write R or Python code**
- **Interpret output tables**
- **Code interview themes**
- **Draft figure captions**

METHODS · COPY THIS PROMPT

A sparring partner for your study design

PROMPT

I'm studying [topic] in [population].

Suggest three possible designs with pros and cons, and ten interview questions that avoid leading wording.

Name the theoretical frameworks most used for this topic, with references I can check.

Ask for options · verify references · you choose

ALSO USEFUL FOR

- **Draft interview questions**
- **Draft survey items**
- **Suggest frameworks**
- **Find research gaps**
- **Pilot-test your questions**
- **Draft a data management plan**

PART 2 · THE RULES, IN BRIEF

The EU AI Act and GDPR

What actually applies to your research and teaching, and what doesn't.

TEN MINUTES · NO LEGALESE



MONDAY, 08:40

A researcher pastes 14 interview transcripts into a free chatbot.



It may train on them

Free plans often use your chats to improve the model.



If it's free, you're the product

Your data is part of the price.



It can be a GDPR breach

No DPA, sensitive data, a 72-hour clock.

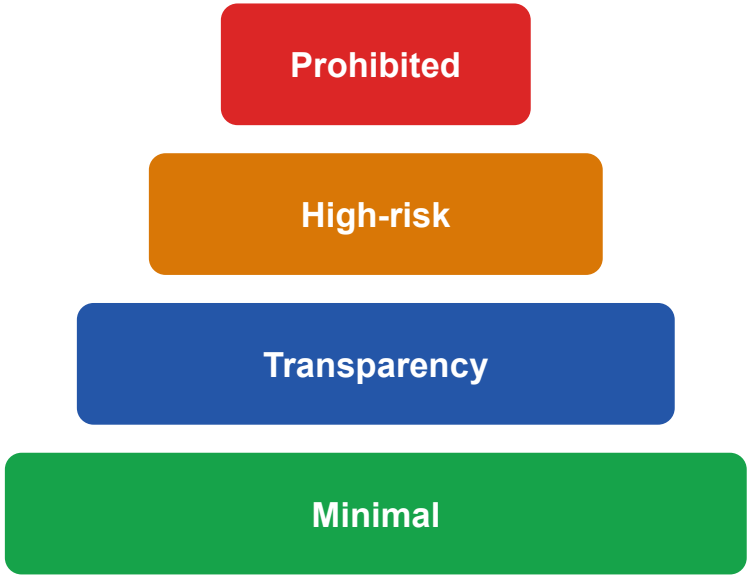
WHERE YOUR DATA GOES

Same logo, different contract

	Free / personal *e.g. ChatGPT Free / Plus*	Business / Education *e.g. Copilot*	API / self-hosted *e.g. Azure OpenAI, local model*
Trains on your data	✗ Often	✓ No	✓ No
Signed DPA	✗ No	✓ Yes	✓ Yes
Admin control + SSO	✗ No	✓ Yes	✓ You run it

Check the plan, not the brand. Re-check at every renewal.

Four levels, four responses



Don't deploy
e.g. software reading students' or staff emotions

Human oversight + logs
e.g. AI that grades exams or ranks PhD applicants

Say it's AI
e.g. a course chatbot, AI-generated images

AI literacy + GDPR
e.g. summarising papers, coding help, translation

Applies to everyone since Feb 2025: AI literacy (Art. 4). High-risk dates may move: check the Digital Omnibus.

PUBLISH THIS ON YOUR INTRANET

A traffic light for data, not for tools

Public

Any approved tool

e.g. published papers, course descriptions

Internal / personal

Signed DPA + university login

e.g. emails, student essays, draft manuscripts

Sensitive

DPIA first. More careful.

e.g health data, grades



PART 3 · COMMON RISKS

Common risks and how to avoid them

Made-up references, unpublished data shared with vendors, and unclear authorship.

THE RISK · THE HABIT



THREE RISKS, THREE HABITS

What goes wrong, and what prevents it



References

Check every reference is a real paper.

e.g. the DOI opens, title and authors match



Leaked data

Only into tools with a DPA and no training.

e.g. draft manuscripts, grant ideas, raw data



Authorship

AI is never an author. People are accountable.

e.g. disclose use in methods or acknowledgements

AUTHORSHIP AND DISCLOSURE

What journals and funders expect

Not an author

COPE, ICMJE, Nature, Science

AI can't take responsibility for the work

Disclose it

In methods or acknowledgements

e.g. which tool, what for, who checked

Not in peer review

Don't upload what you review

e.g. NIH bans generative AI in peer review

Check your target journal's AI policy before you submit.

COPY THIS · AI-USE STATEMENT

An AI-use statement to copy

TEMPLATE

We used [tool, version] to [task, e.g. language editing, screening titles] between [dates].

All output was reviewed and edited by the authors, who take full responsibility for the content.

No personal or unpublished data were entered into the tool.

Be specific

Tool, version, task. 'We used AI' says nothing.

Name who checked

Accountability stays with the authors.

Match the journal

Methods, acknowledgements or cover letter.

PART 4 · WHAT OTHERS ARE DOING

How departments and universities handle it

From one-page guidelines and approved-tool lists to training for PhD students and staff.

35 UNIVERSITIES · CHECKED OCT 2026



35 EUROPEAN UNIVERSITIES, CHECKED OCT 2026

Same Copilot, three different rules

University of Helsinki

Public data only

Stockholm University

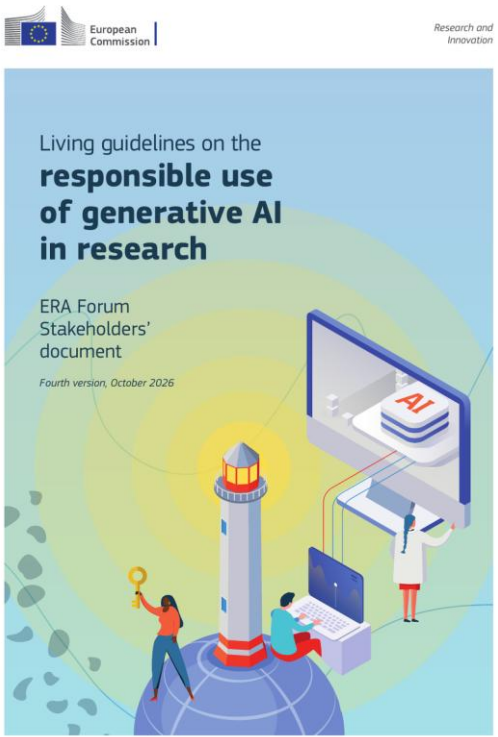
Below confidentiality level 3

UPV Valencia

Personal or internal data allowed

25 of 35 universities name Copilot but with different data rules.

Source: validemic.com/guides/ai-tools-approved-european-universities (pages read 7 Oct 2026)



“Promote, guide and support the responsible use of generative AI in research”

Reliability Ensure quality, verify outputs, be aware of biases

Transparency Use AI transparently and disclose it

Respect Consider limitations, protect privacy and IP, cite properly

Accountability Researchers are responsible for all outputs

EXAMPLE · TWO OF THESE ARE OUR PRODUCTS

Same AI, three levels of protection

Personal ChatGPT

Trains on your chats by default. No DPA.

Not for university data

Avidnote

OpenAI models via Microsoft Azure, under a DPA. No training.

OK once the DPA is signed

Kahubi

Only EU-based sub-processors. No US sub-processors. No training.

Strongest for sensitive research

ALSO RED LINE

- DeepSeek
- Grok
- ChatGPT Free
- Gemini free

ALSO FINE, WITH A DPA

- Copilot Chat
- Mendeley

PART 5 · A SHORT DEMO

Kahubi

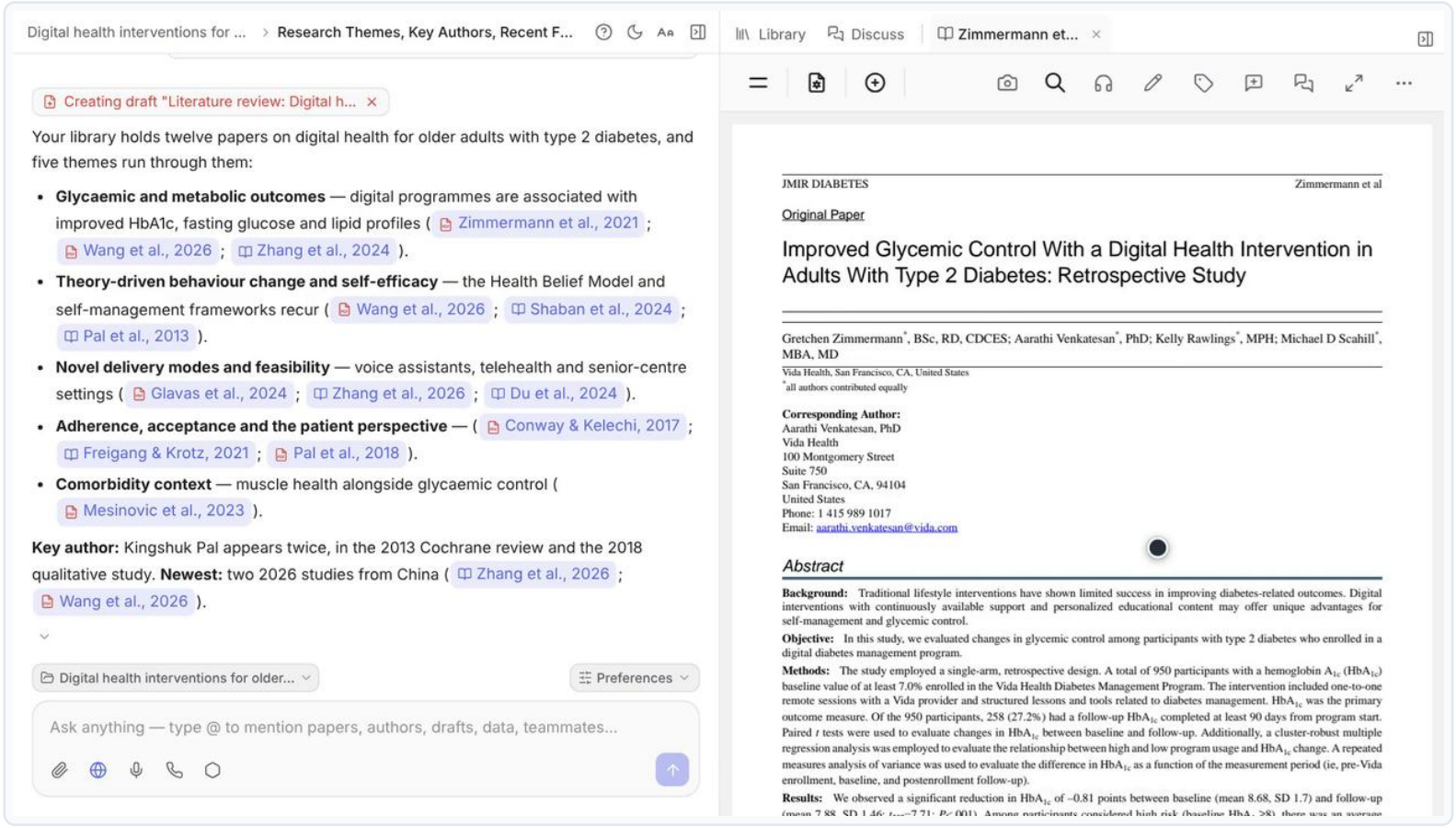
The research assistant we built with these requirements in mind.

EU-HOSTED · NO TRAINING · CITES EVERY CLAIM



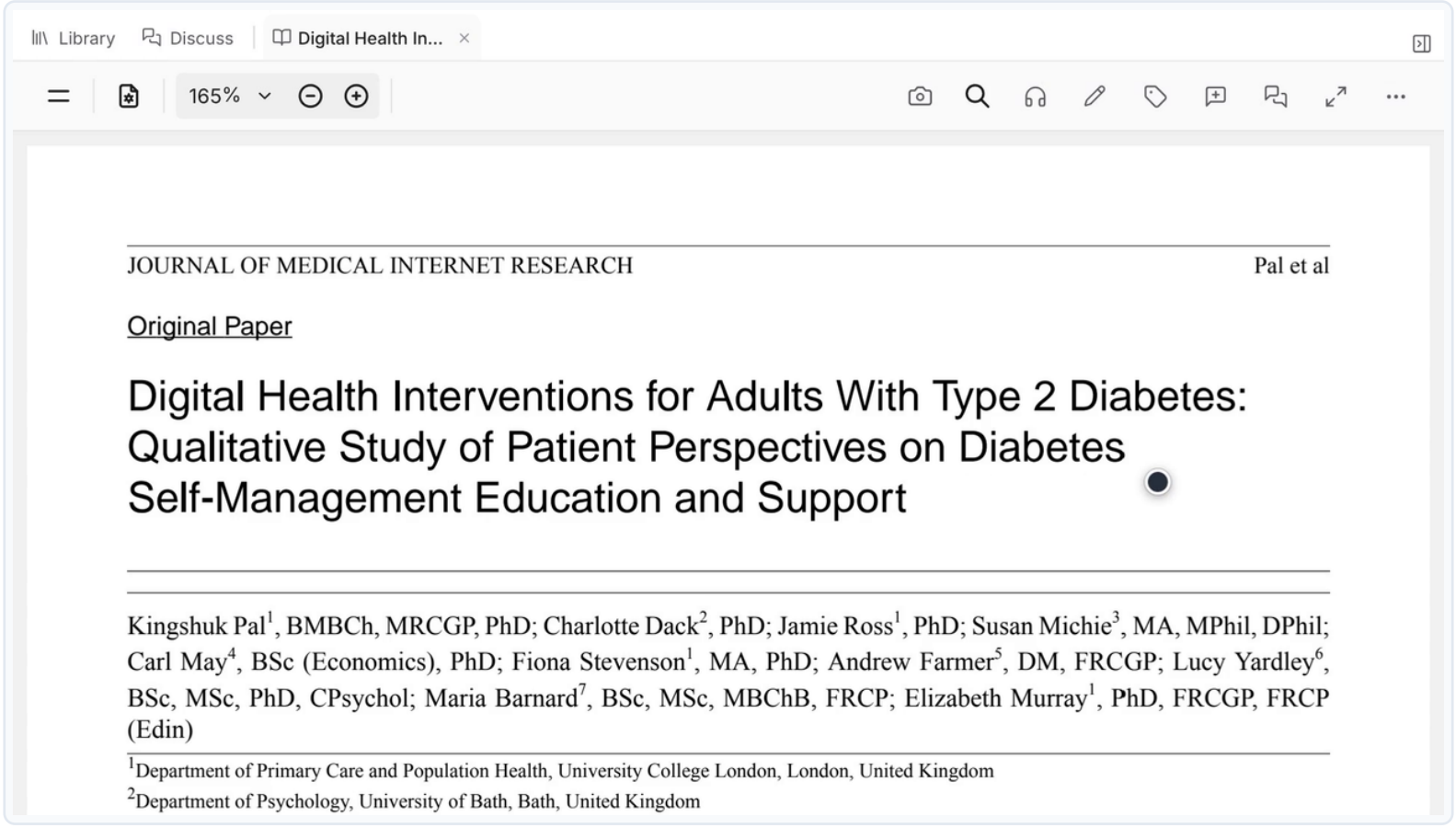
KAHUBI

Ask your library. Every claim cites a paper.



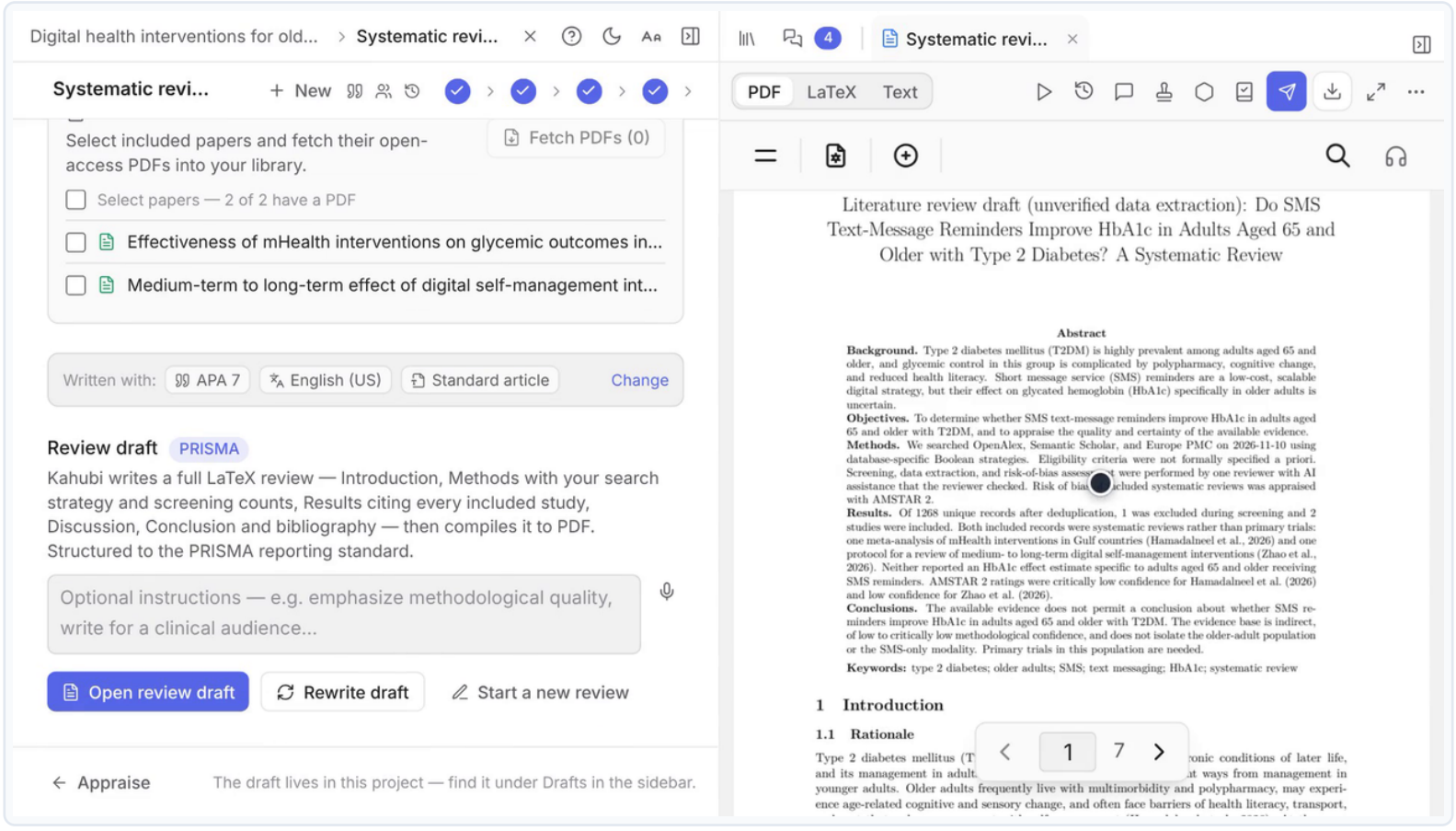
KAHUBI

Describe a topic. Get a library of real papers.



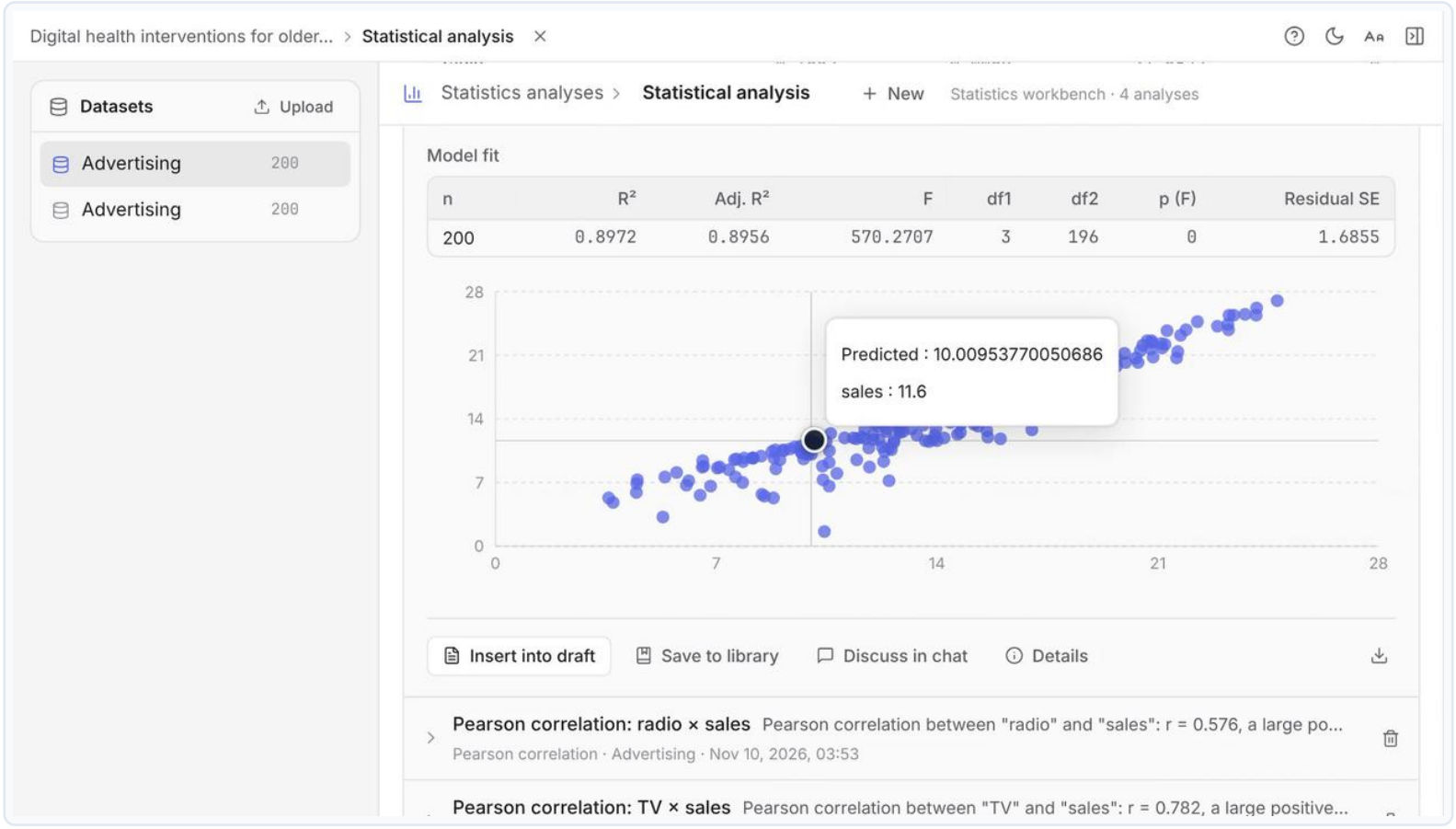
KAHUBI

A systematic review: question to written draft



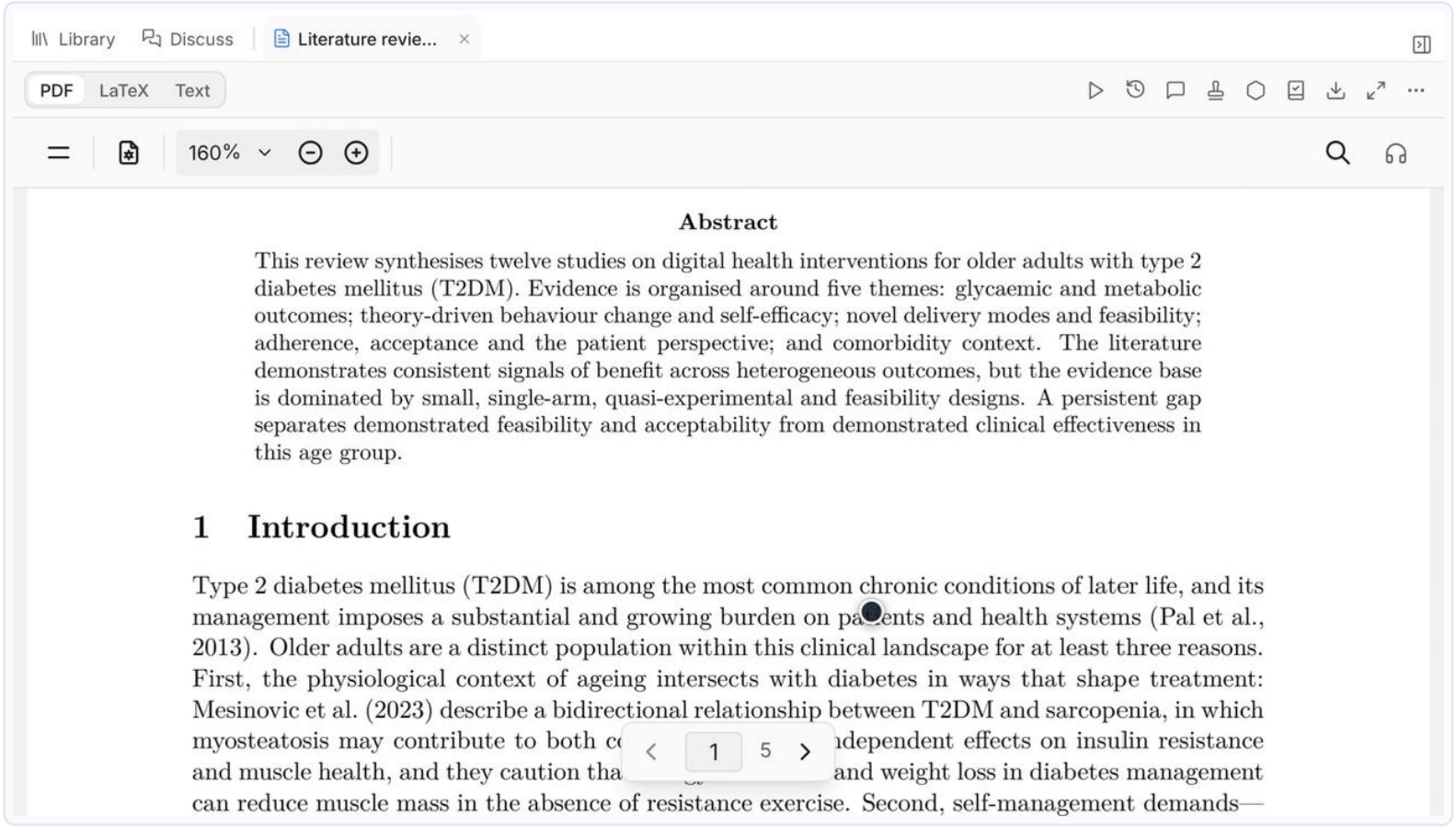
KAHUBI

Upload a spreadsheet. Get the analysis and the graphs.



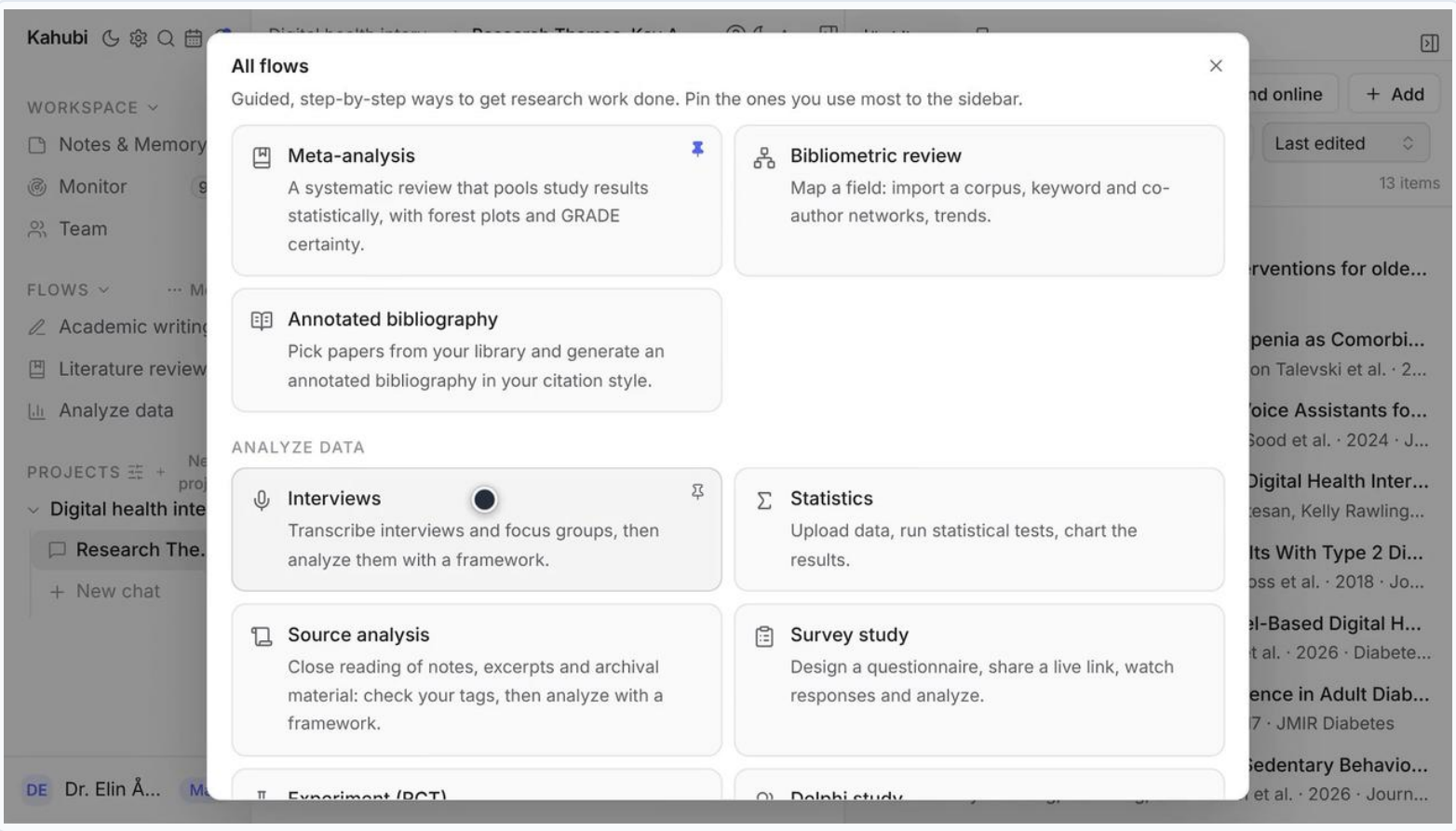
KAHUBI

A cited draft: as PDF, LaTeX or text



KAHUBI

Reviews, interviews, surveys, statistics: one place



ONE WORKSPACE

Kahubi = One workspace instead of six

Chat with citations

Instead of **ChatGPT, Claude**

Literature answers

Instead of **Consensus, Elicit**

Systematic reviews

Instead of **Rayyan, Covidence**

Interviews

Instead of **Otter.ai, NVivo**

Surveys

Instead of **Qualtrics, SurveyMonkey**

Statistics

Instead of **SPSS**

One vendor review. One DPA. One data location, in the EU.

WHERE YOUR DATA GOES WITH US

Built in Sweden. Your data stays in the EU.

Hosted in the EU

All data stored and processed in the EU

EU-only sub-processors

No US sub-processors

No AI training

We never train AI on your data

DPA ready to sign

Sub-processor list in the annex

IF YOU'D LIKE TO TRY IT

Try it free.

Researchers

Start free at kahubi.com

Departments & groups

1 month free trial, set up for you

Want this session for your department? Ask in the chat, or adam@avidnote.com

THE NEXT STEP

Book a free trial for your group.

1

Reply or email

adam@avidnote.com

2

20-minute setup call

You + 1-2 colleagues

3

Group trial

1 month, usage report, you decide

kahubi.com · adam@kahubi.com