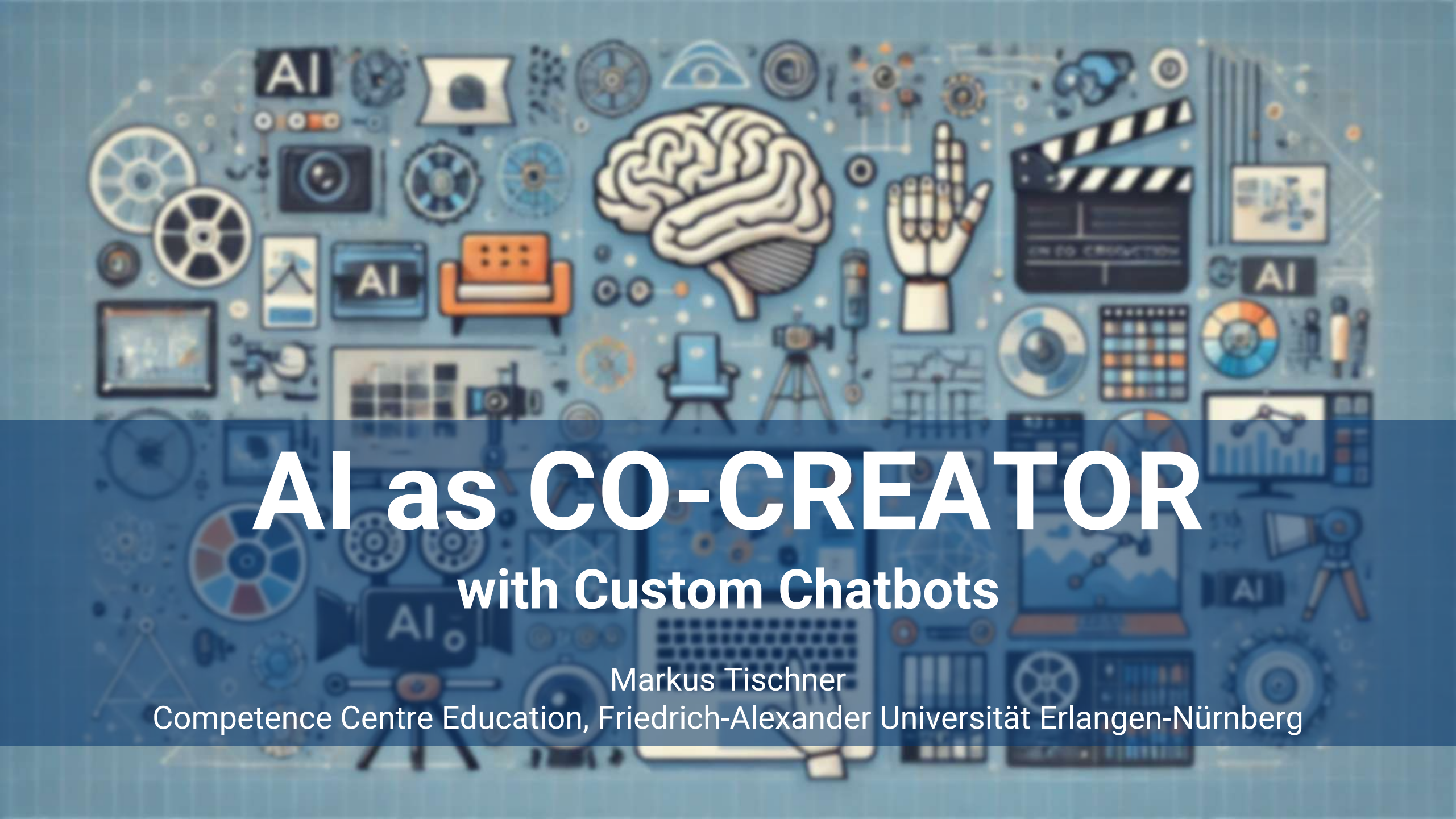



# AI as CO-CREATOR

## with Custom Chatbots

Markus Tischner
Competence Centre Education, Friedrich-Alexander Universität Erlangen-Nürnberg

# Markus Tischner

Head of Medienproduktion
FAU, Kompetenzzentrum FAU Lehre

Freelance Filmmaker
frisbee medien

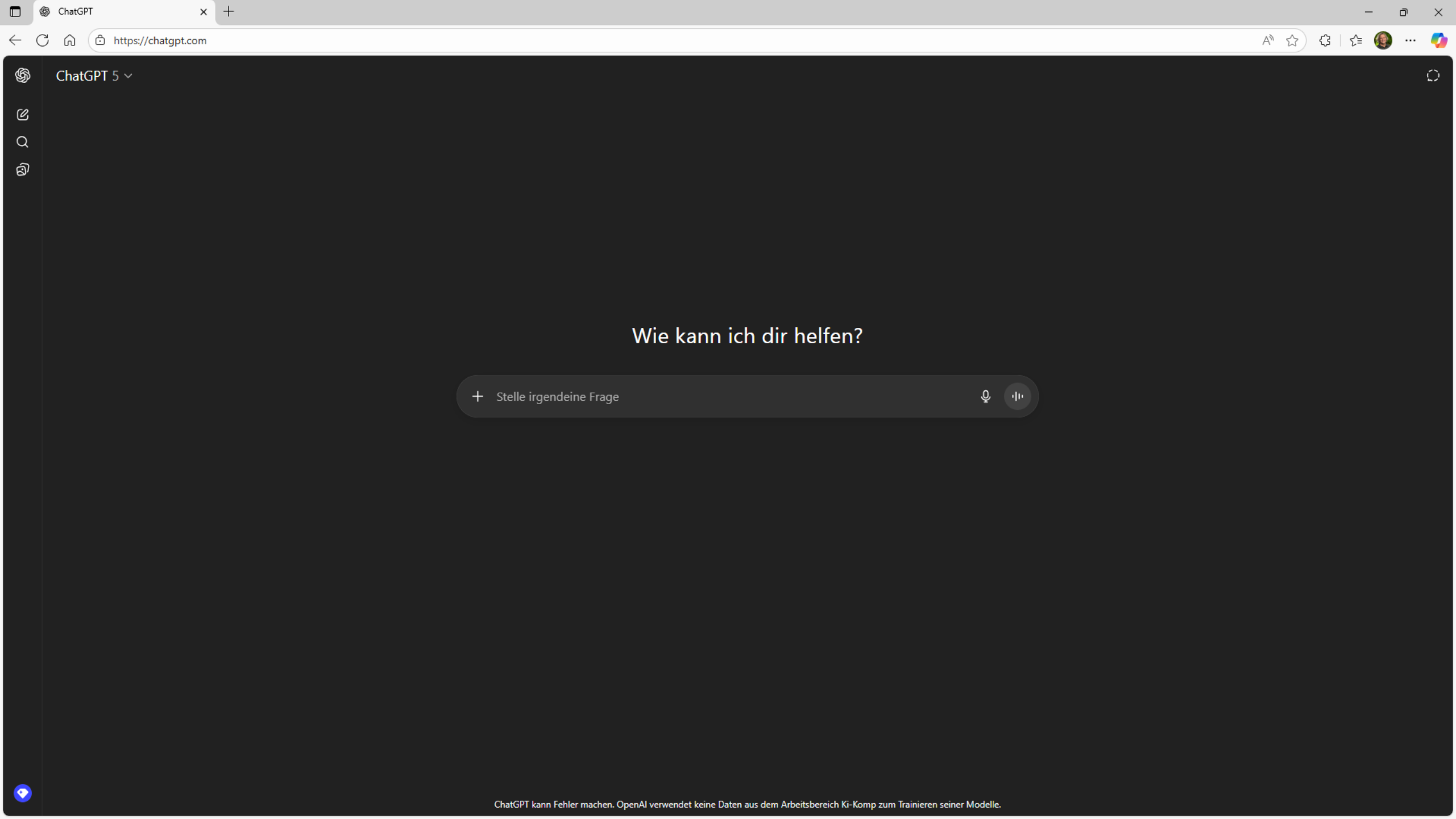
Digitale Lernmedien

Wissenschaftskommunikation

KI in der Hochschullehre

linkedin.com/in/markustischner

CUSTOM
GPT


ChatGPT
https://chatgpt.com
ChatGPT 5
Wie kann ich dir helfen?
Stelle irgendeine Frage
ChatGPT kann Fehler machen. OpenAI verwendet keine Daten aus dem Arbeitsbereich Ki-Komp zum Trainieren seiner Modelle.

# Prompting für LLM Chat

**C** ontext

**I** nstrucion

**D** etails

**I** input

**C**

You are an expert in educational design and learner analysis. Your expertise is to generate detailed learner personas for higher education programs or seminars based on research-driven best practices. These personas will help educators design targeted curricula, engagement strategies, and personalized learning experiences.

**C**

**I**

You are an expert in educational design and learner analysis. Your expertise is to generate detailed learner personas for higher education programs or seminars based on research-driven best practices. These personas will help educators design targeted curricula, engagement strategies, and personalized learning experiences.

Please generate personas for a seminar with the following outline:

- Field of Study: Instructional Design
- Topic: Multimedia Learning
- Target Audience: Master Students in the FAU Master's proramm "Learning Design"
- ZPD (Zone of Proximal Development): Bachelor degree in pedagogy or related fields, pre knowledge in didactics

**C**

**I**

**D**

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Identify Learner Segments: Choose from these, fitting to the input (or suggest new relevant categories based on input):

- …

Create Comprehensive Persona Profiles. Each persona should include:

…

Apply Personas to Learning Design:

- Suggest tailored curriculum structures based on persona needs.
- …

**C**

You are an expert in educational design and learner analysis. Your expertise is to generate detailed learner personas for higher education programs or seminars based on research-driven best practices. These personas will help educators design targeted curricula, engagement strategies, and personalized learning experiences.

**I**

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**D**

Identify Learner Segments: Choose from these, fitting to the input (or suggest new relevant categories based on input):

- …

Create Comprehensive Persona Profiles. Each persona should include:

…

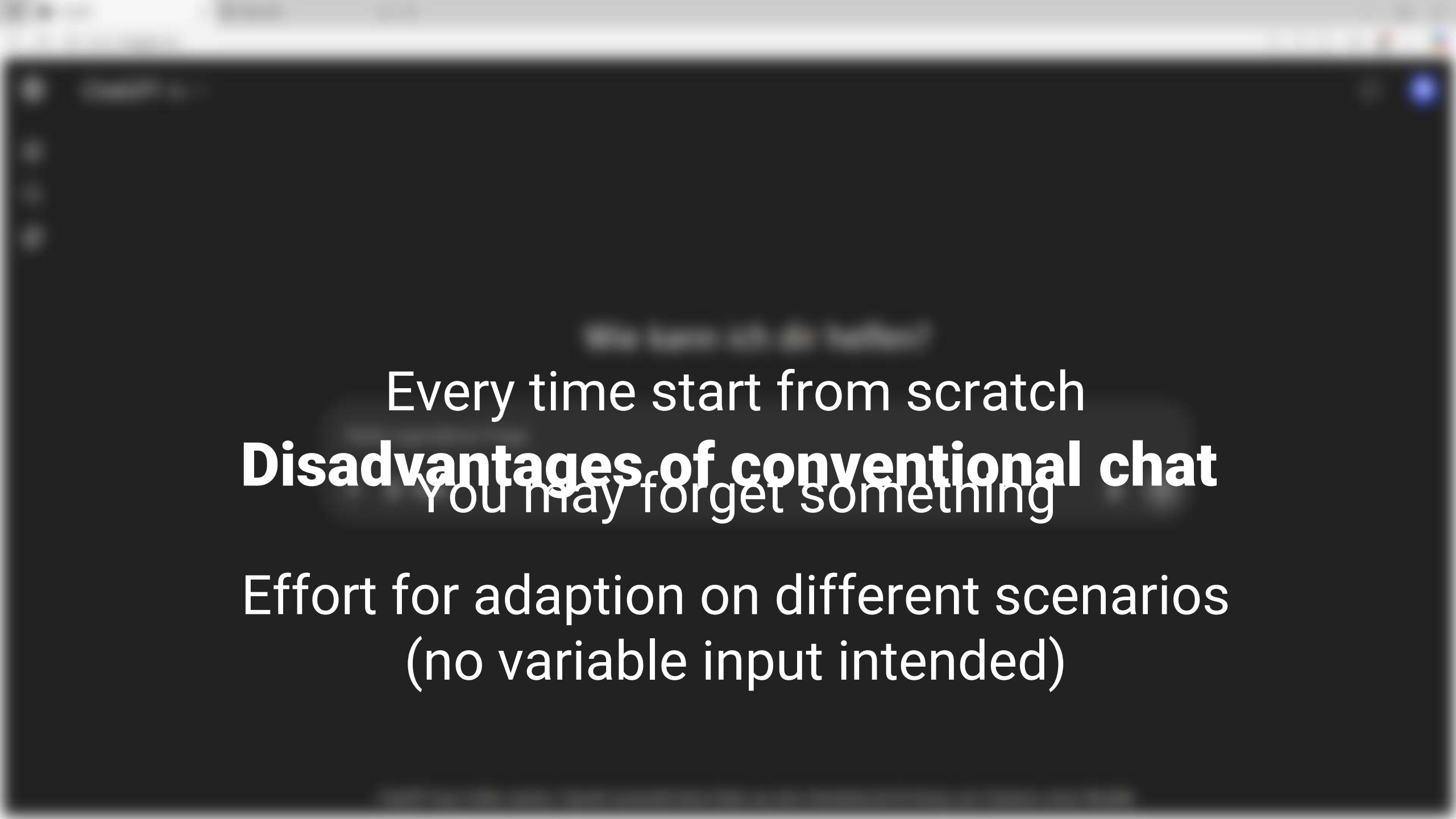
Apply Personas to Learning Design:

- Suggest tailored curriculum structures based on persona needs.
- …

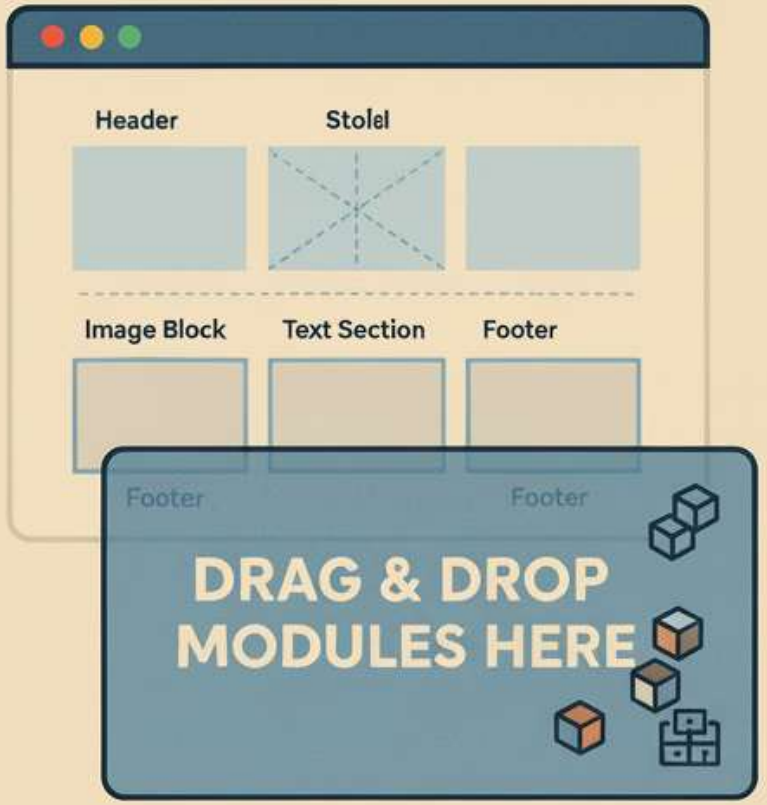
**I**

Input:

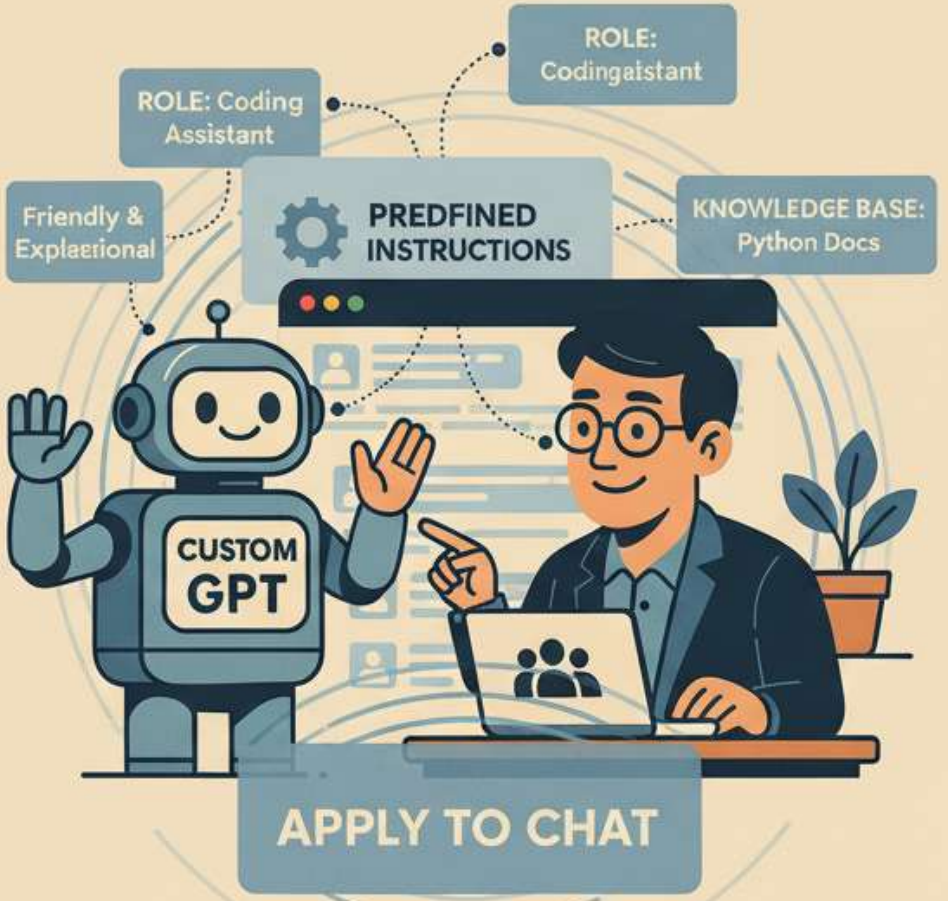
- *tailor personas based on this information: …*
- …


Disadvantages of conventional chat
Every time start from scratch
You may forget something
Effort for adaption on different scenarios
(no variable input intended)

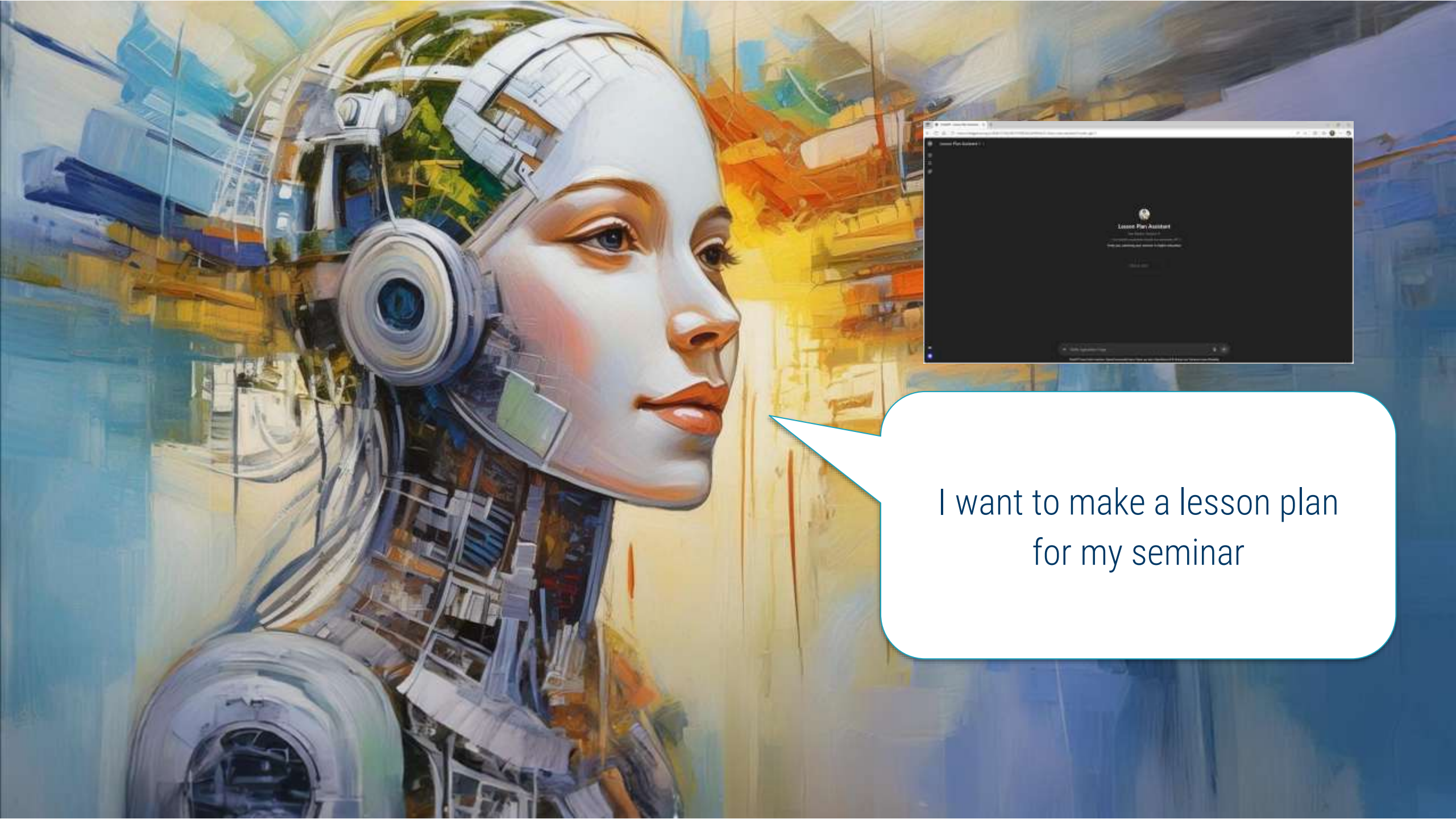
# WEBSITE-TEMPLATE



# CHATBOT-TEMPLATE



FASTER

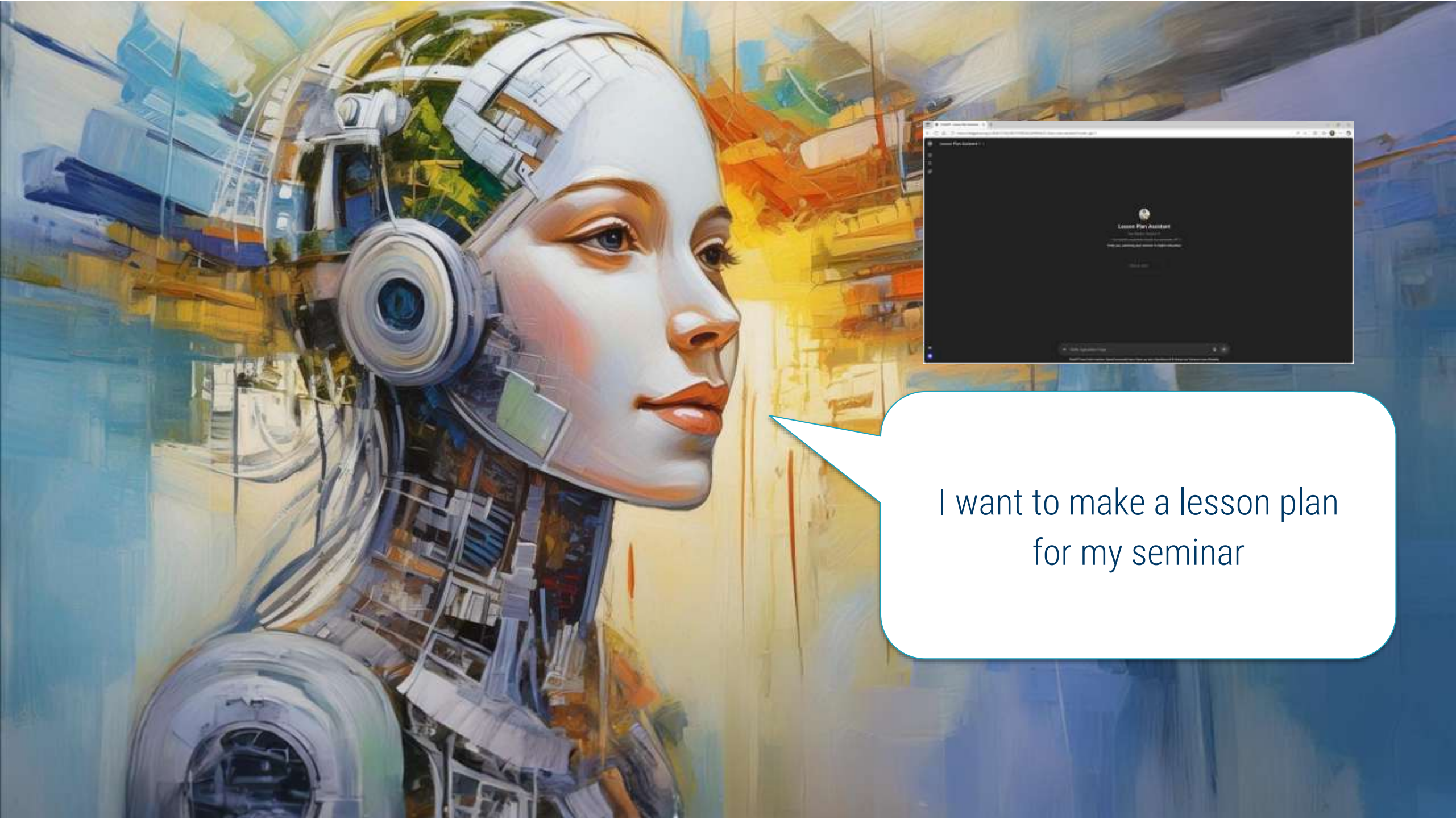

Lesson Plan Assistant
I want to make a lesson plan
for my seminar

NEW
POSSIBILITIES

Learning Fibs Concept-Mentor
I want to give more individualized feedback

I want to provide the students with a roleplay for learning reformpedagogy

Live
Demonstration


Lesson Plan Assistant
I want to make a lesson plan
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Learning Fibs Concept-Mentor
I want to give more individualized feedback

# WITHOUT AI

Filmconcept draft
Expert- / Peer-Feedback
Filmconcept final
Filmproduction...

# WITH AI

Filmconcept draft with custom GPT I
Optimization & Reflection
Expert- / Peer-Feedback
AI-Feedback with custom GPT II
Filmconcept final
Reflection final
Filmproduction...

# WITHOUT AI

From
Product Delivery

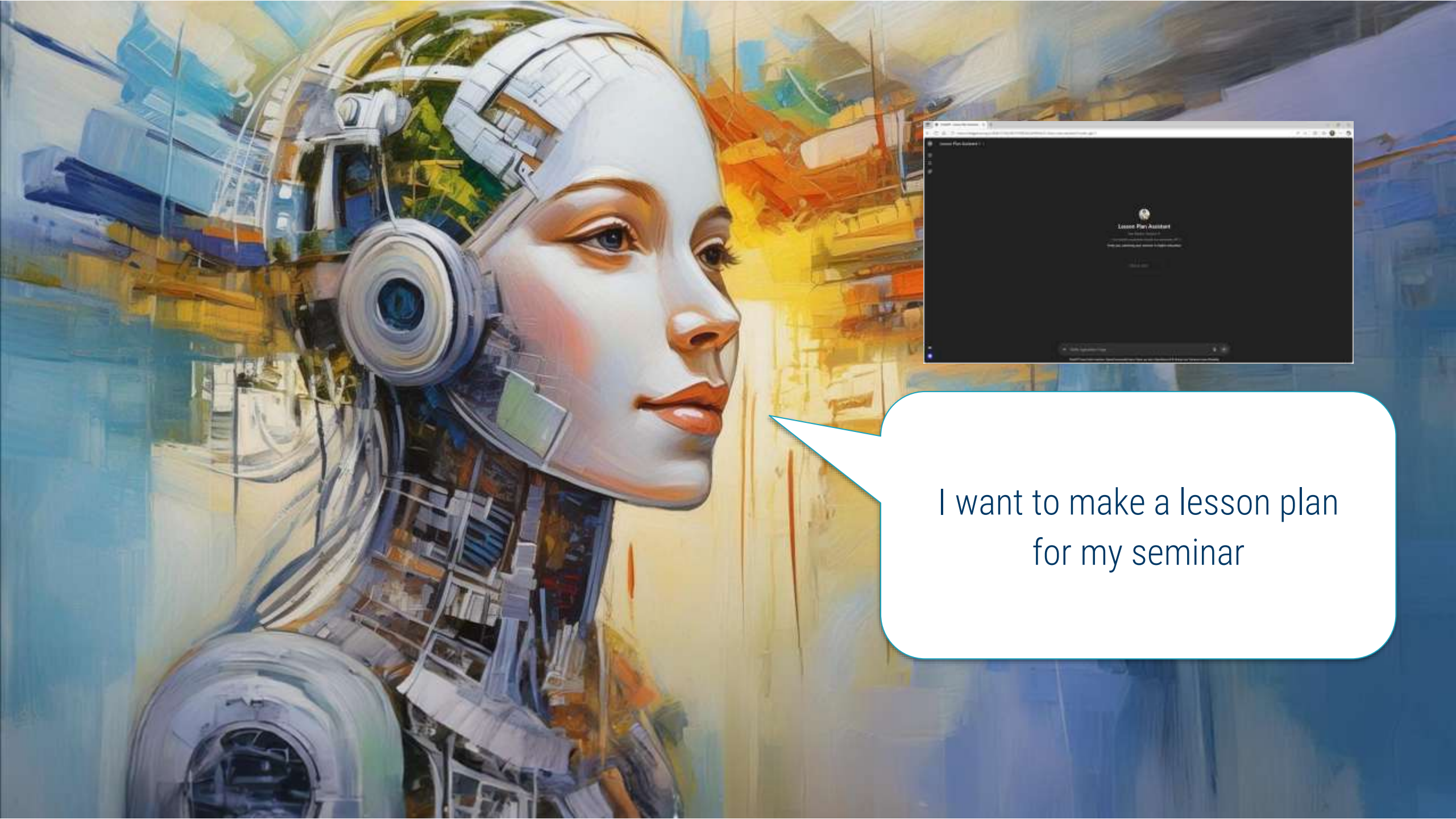
# WITH AI

To
Reflection

# One Meta Level higher

I want to provide the students with a roleplay for learning reformpedagogy

Behind the scenes
Custom-GPT

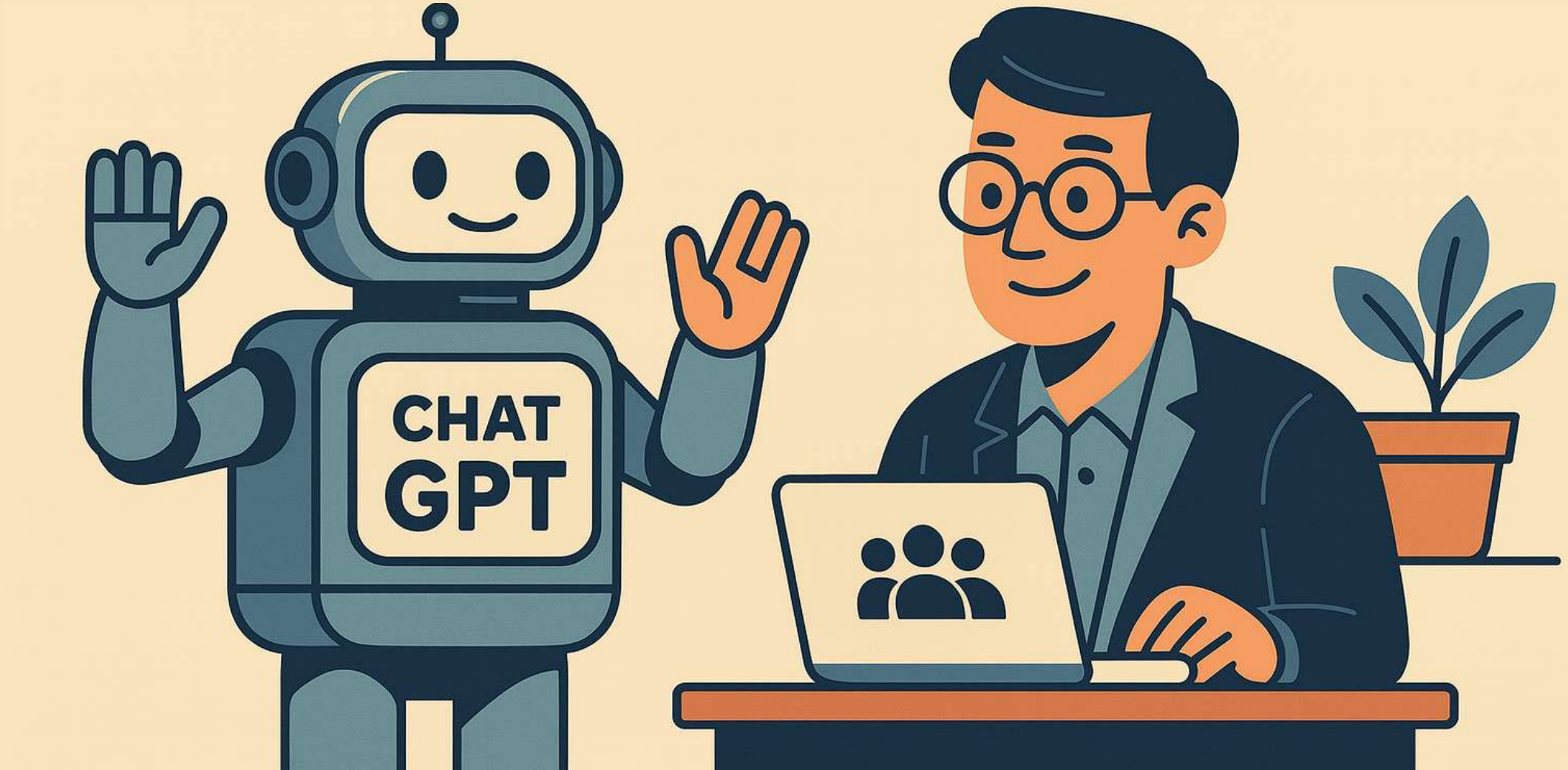

Lesson Plan Assistant
I want to make a lesson plan
for my seminar

Learning Fibs Concept-Mentor
I want to give more individualized feedback

I want to provide the students with a roleplay for learning reformpedagogy

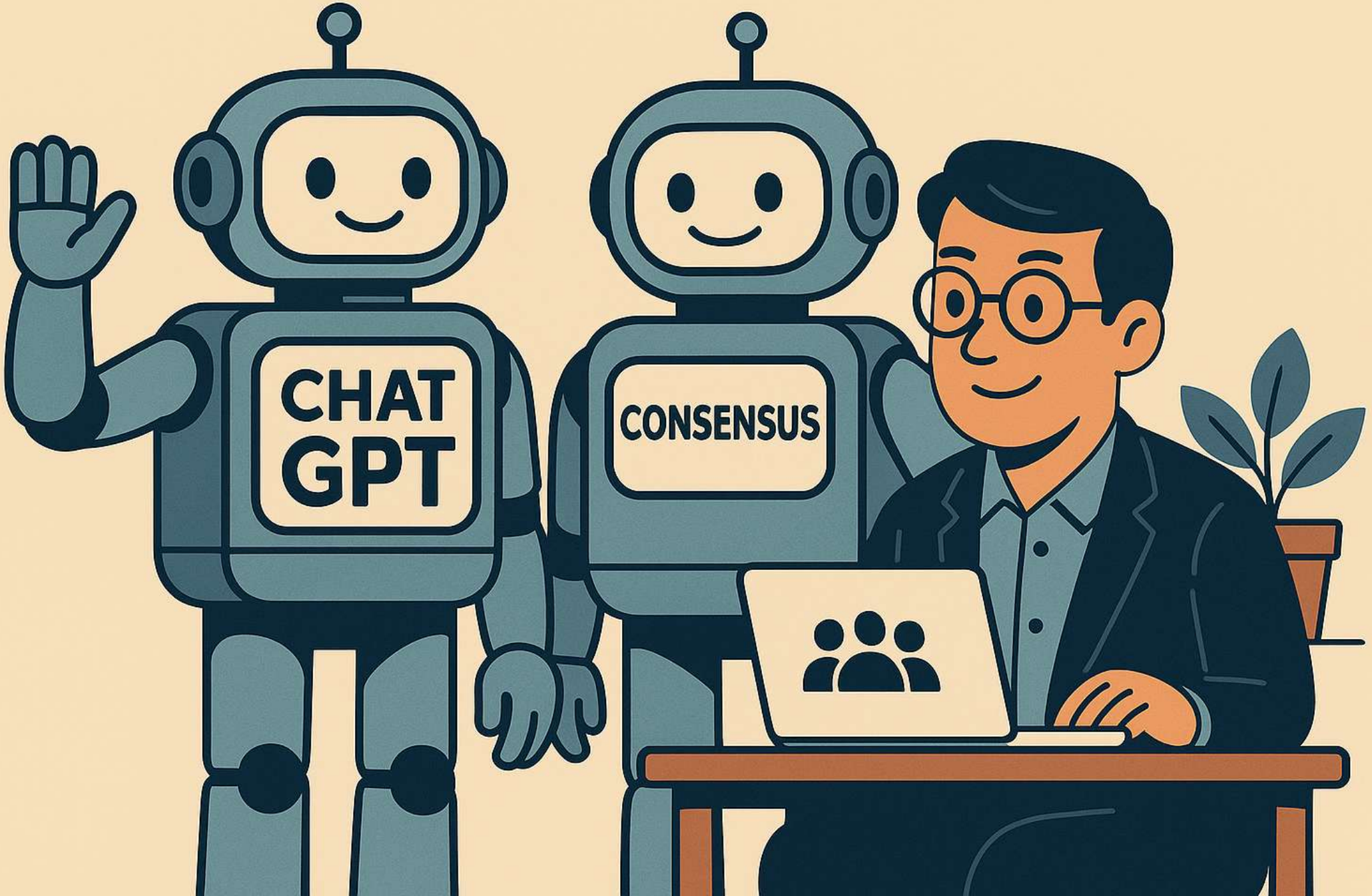
# Good

## Custom-GPT-Prompt?


CHAT
GPT

# Better

## Custom-GPT-Prompt?


CHAT
GPT
CONSENSUS

Search - Consensus: AI Search Eng

https://consensus.app

Sign up

New Thread Ctrl+K

Home

## Research starts here

Consensus is the AI-powered academic search engine

Search & analyze 200M+ peer reviewed research papers

Transparent, reliable, and built to save you time

Sign up

Sign in

Consensus

# Research starts here

Ask the research...

Pro

Filter

Try a Deep Search

Draft an outline

Create a table

Try the Consensus Meter

**Over 5 million researchers, students, and clinicians trust Consensus**

ChatGPT - Consensus

https://chatgpt.com/g/g-bo0FiWLY7-consensus?model=gpt-5

Consensus 5

- Neuer Chat
- Chats suchen
- Bibliothek

- Codex
- Sora
- GPTs
- Lerner-Personas Diskussions...
- Consensus
- Retention Strategist
- SDG-Tool
- vhb Classic Personas Diskuss...
- vhb Classic Persona-Bedürfn...
- Universeller vhb Lehrenden-...
- Bewertungsraster-Bernd
- Learner Personas Discussion
- Feedback-Assistent "Wissen...
- Projekt-Brainstorming Co-Cr...
- SNAW - Anti Ageism Warrior
- Dr Phil's SME Interview Bot
- Universal conversational Lan...
- Seminarplanungs-Sonia
- Medienproduktions-Markus
- Diskutiere mit Maria und Ru...
- Lernfilmkonzept-Mentor

Markus Tischner
Ki-Komp

# Consensus

Von consensus.app

Ask the research, chat directly with the world's scientific literature.
Search references, get simple explanations, write articles backed by academic papers.

- Is sauna good for heart health?
- Draft a blog on science-backed benefits of...
- Write the introduction of a paper on the effec...
- Does fish oil improve mood? Only use human...

Stelle irgendeine Frage

ChatGPT kann Fehler machen. OpenAI verwendet keine Daten aus dem Arbeitsbereich Ki-Komp zum Trainieren seiner Modelle.

STORM from Stanford University

Sign In

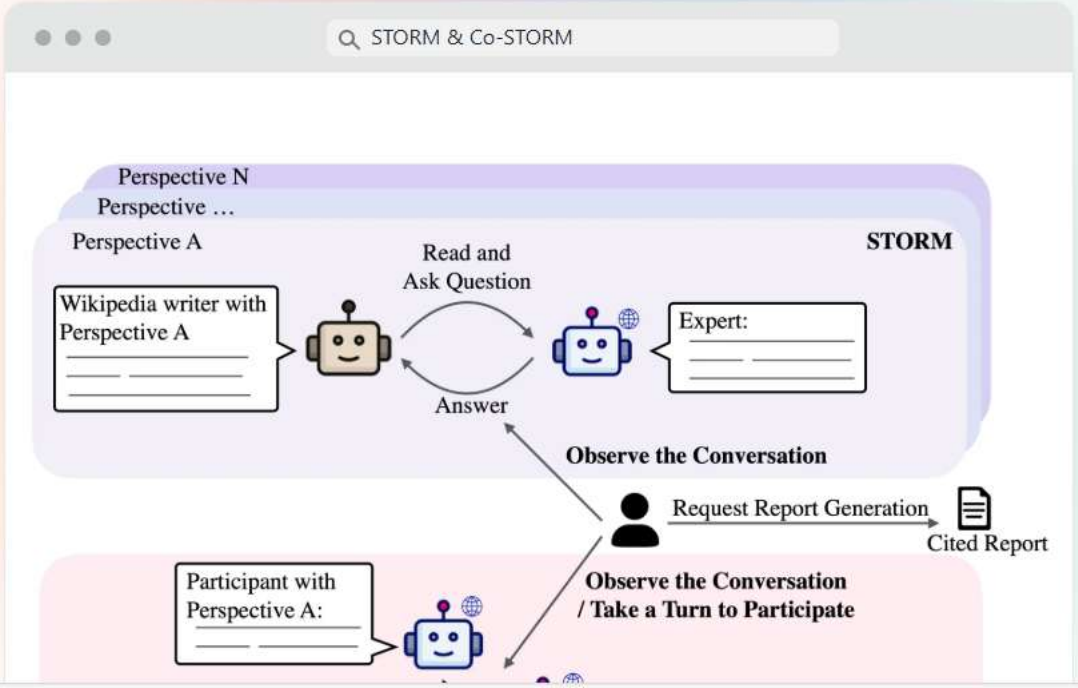
We thank Microsoft Azure for cloud credits

# Co-STORM

## Get a Wikipedia-like report on your topic with AI

STORM is a research prototype that supports interactive knowledge curation.

Get Started →



commentary in snack-sized mouthfuls

**"I want AI to do my laundry and dishes so that I can do art and writing,** not for AI to do my art and writing so that I can do my laundry and dishes."

Author and videogame enthusiast **Joanna Maciejewska** nails it (although bathroom cleaning goes ahead of laundry and dishes)

**"I'm sure I deserve**
**a lot of criti**

**Markus Tischner**
markus.tischner@fau.de

www.lehre.fau.de

# THANKS

## For your attention!