HI!
NEED HELP?

AI STUDY

A NEW EFFECTIVE WAY TO LEARN

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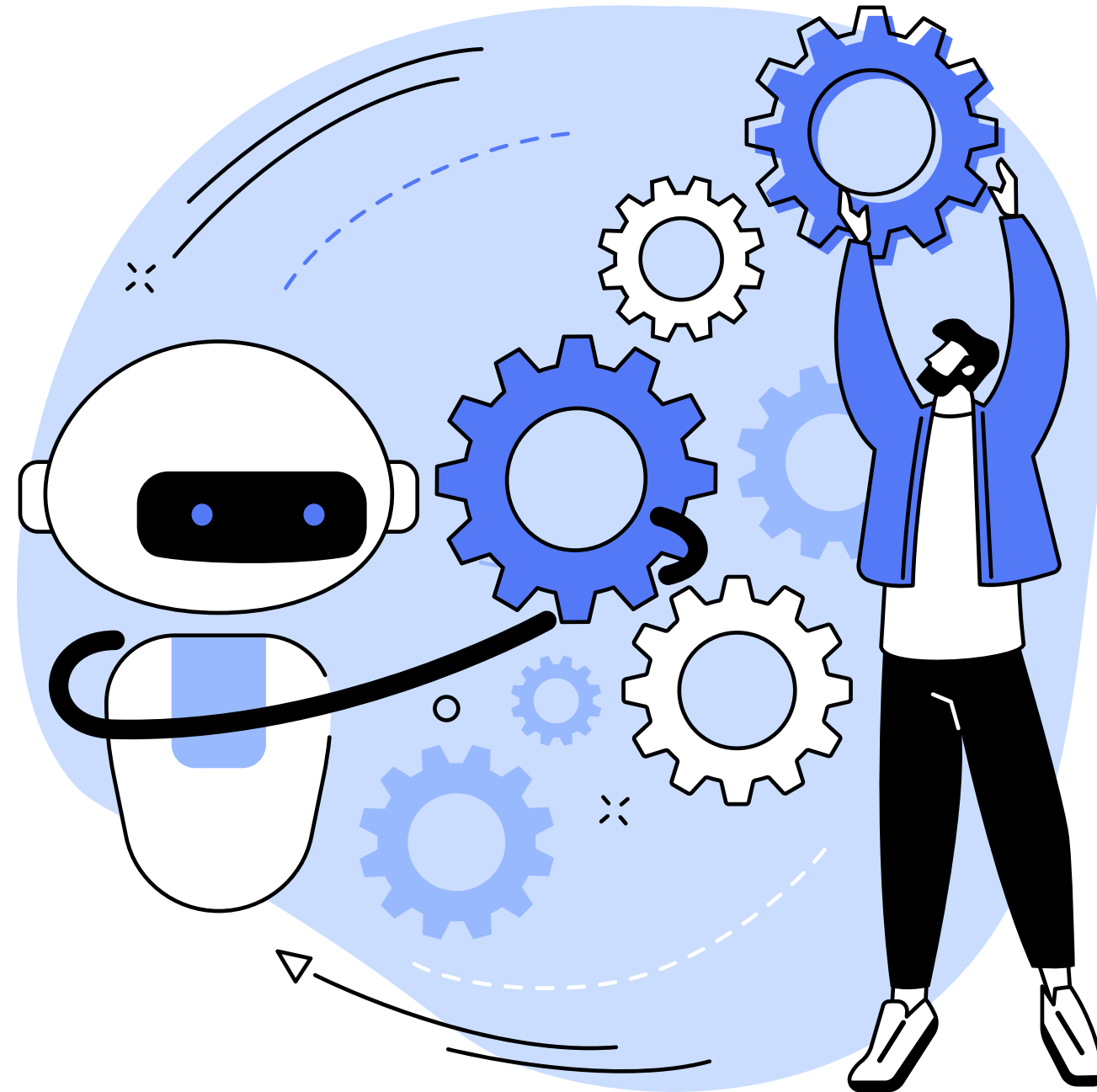Simone Zacchetti
Xin Ye
Mattia Vicenzotto

PROBLEMS

Lack of motivation

Reduced attention span

Studying is not personalised

Low retention of information

SOLUTIONS

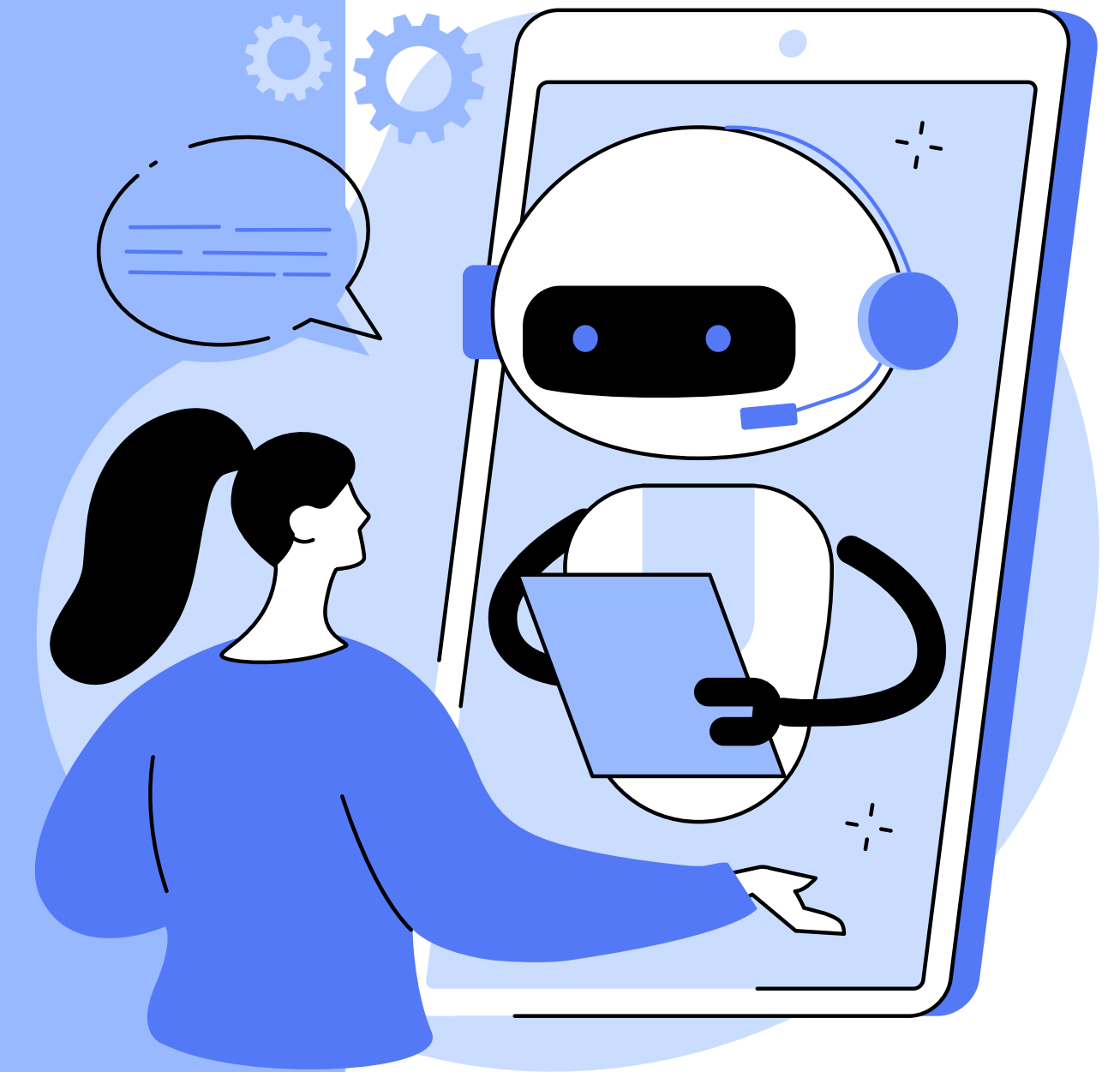Adaptive Learning

Gamification

Spaced Repetition

Active Recall

OUR IDEA

Combine Educational techniques:

1. Feymann Technique
2. Active recall and space repetition
3. Gamification

With Generative AI

OUR APPLICATION

- Create **personalized study sessions** based on your documents
- Use different models to **simulate a conversation** with people having different knowledge
- **Engage** the user simulating a game using a scoring system

THE TECHNOLOGIES

Small models as a start

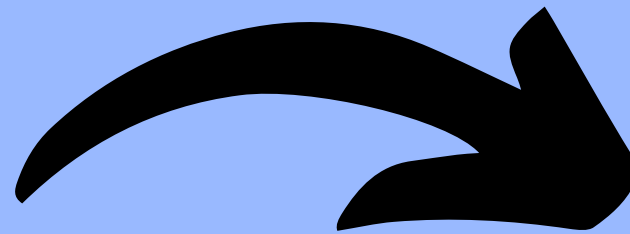**SPEECH TO TEXT**
Whisper-small
OpenAI

QUENSTION AND ANSWERING
T5-base

Text Extraction
Gemma

TEXT TO SPEECH
Speecht5_tts
Microsoft

READY TO SCALE

BIG MODELS
Gemini GPT-4

CLOUD SOLUTIONS
Vertex AI Ray

DEMO

AI Study

AI Study is a web application which goal is to combine AI tools and proven cognitive tactics to guaranteeing durable and usable knowledge which won't fade away as soon as the exam is over.

The program is designed based on the main learning techniques:

- Feynman Technique
- Active Recall
- Space Repetition These developed with a Gamification perspective to achieved your progress.

How to Use:

1. Upload the materials [pdf,text,audio]
2. Select your interlocutor, it will define the difficulty of the study session
3. Click on the 'Submit' button. **Voila!**
4. The platform will generate a question for you...
5. Answer your question [text,audio] and wait for a feedback

Created by PizzAIoli :)

Data Loading	Game

input

Artificial Intelligence (AI) represents the forefront of computer science and cognitive science. It is an interdisciplinary field that focuses on creating systems and machines capable of performing tasks that typically require human intelligence. These systems learn from data, identify patterns, and make predictions or decisions based on these patterns. Applications of AI are widespread across various sectors, from healthcare to autonomous driving, finance to industrial production. AI utilizes a wide range of techniques, including machine learning, artificial neural networks, and natural language processing.

Upload text

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THANK YOU FOR LISTENING!