



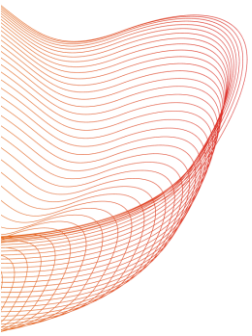
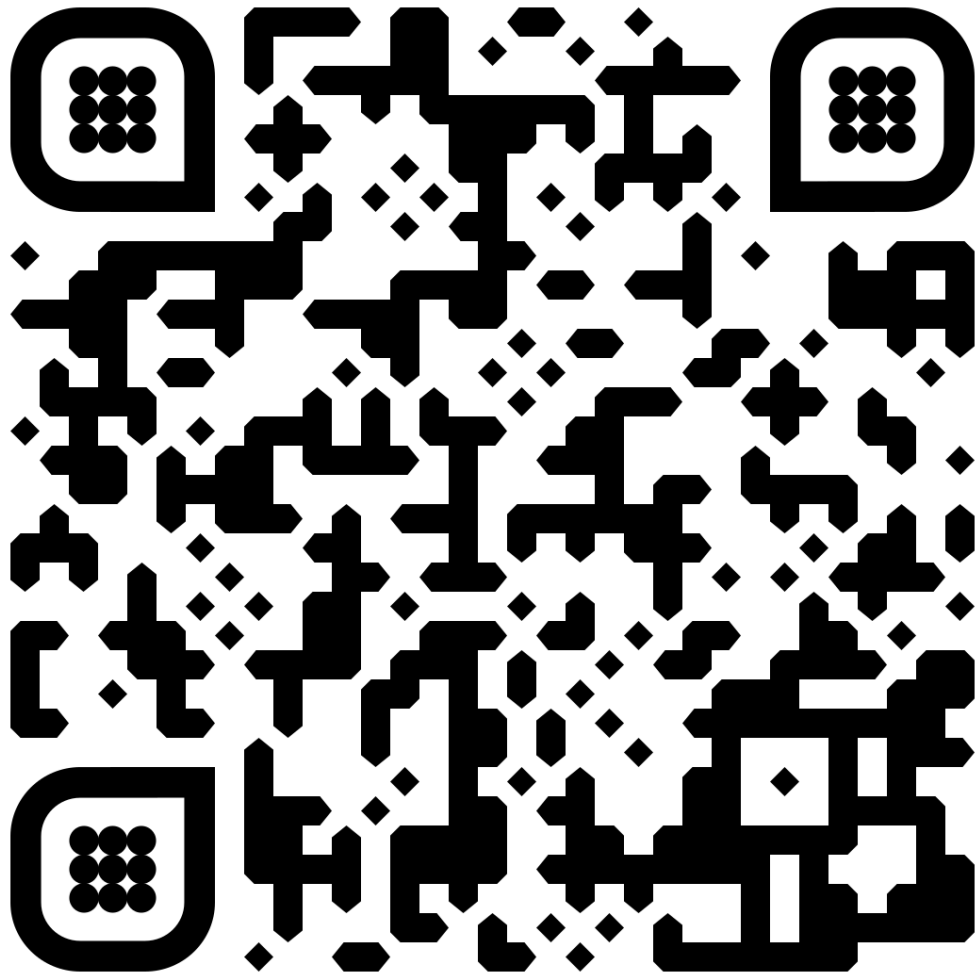
Understanding and Integrating Artificial Intelligence in Education: A Workshop for Educators

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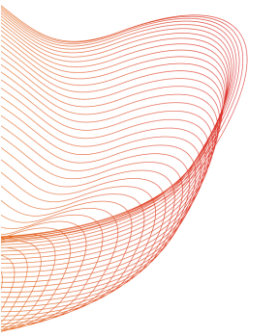


Introduction to AI

What is Artificial Intelligence (AI)?

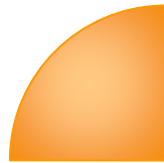
Definition: AI is a branch of computer science that aims to create systems capable of performing tasks that typically require human intelligence.

Examples: Voice assistants (like Siri), recommendation systems (like Netflix's suggestion engine).





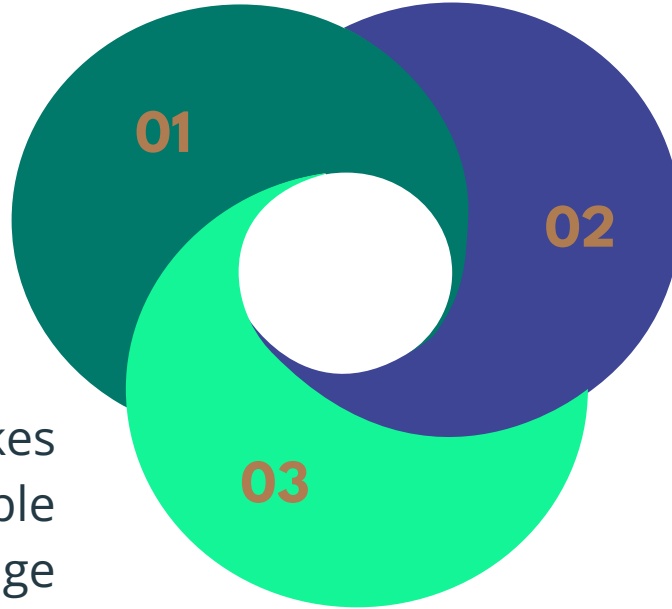
A Stroll Through AI's Timeline

- 1950s: Birth of AI - Alan Turing's "Computing Machinery and Intelligence"
 - 1960s: Early AI - research - ELIZA, the first chatbot
 - 1980s: AI Winter - A period of reduced funding and interest in AI
 - 1997: Deep Blue beats chess champion Gary Kasparov
 - 2010s: AI Renaissance - Machine learning, deep learning, big data
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AI's Role in Revolutionizing Education

Personalized Learning:

AI can tailor educational experiences to individual student needs.



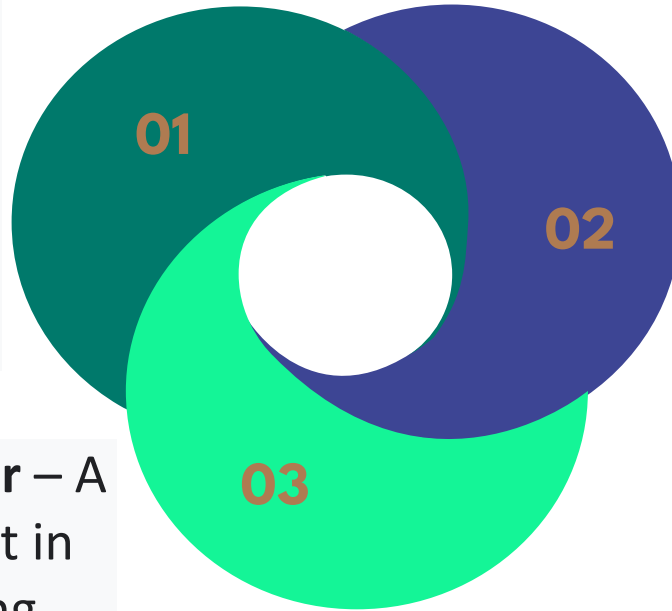
Accessibility: Makes education more accessible with tools like language translation and adaptive learning technologies.

Efficiency: Automates administrative tasks for educators, freeing up time for teaching.

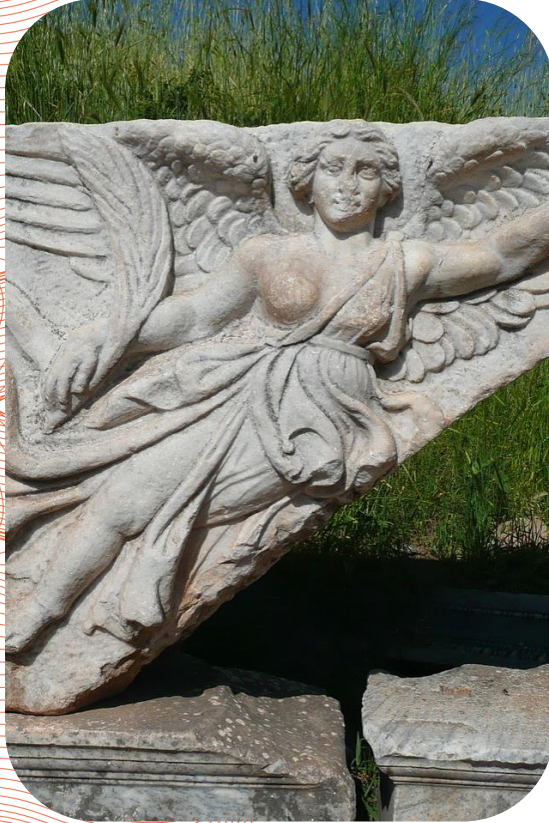
Three roles for AI in Education

AI as an enabler - A tool that empowers learners by automating tactics, providing insight through data analysis, and enhancing various competencies.

AI as a cognitive partner – A partner with the student in solving problems, making decisions and exploring new ideas.



AI as a mediator to think critically-
Mediates the student to think critically, helping individuals to evaluate information, consider alternative viewpoints and make logical judgments (uncertainty, doubt)



Navigating the Ethics of AI

- Data Privacy: Ensuring student data is protected and used ethically.
- Bias and Fairness: Addressing potential biases in AI algorithms.
- Transparency: Understanding how AI makes decisions in the educational process.



Some facts about teachers

10.5 Hours of Prep - ie: EducationCoPilot.com

Eduaide, Curipod, ChatGPT


6.5 Hours Eval & Feedback - ie: ChatGPT, Quizalize,

PrepAI

3 hours Prof Development - ie: Mindgrasp.ai,

Perplexity

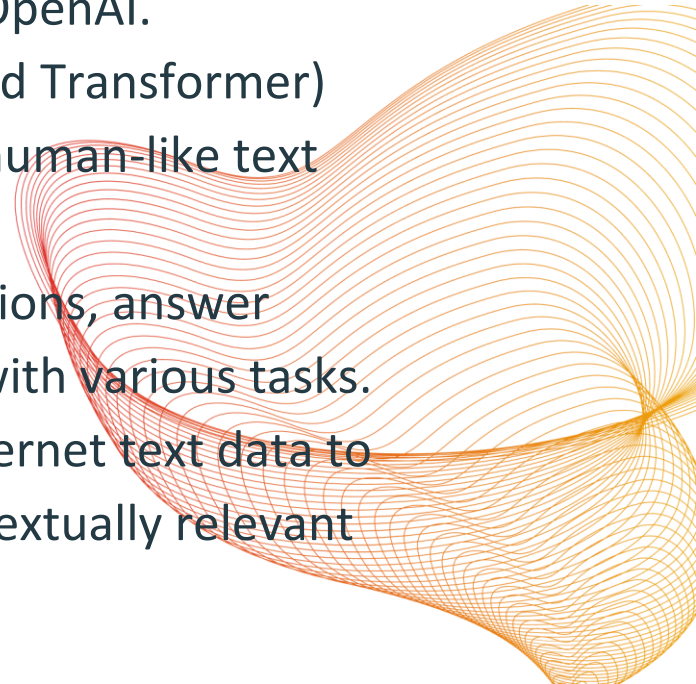
5 Hours - Admin/Other tasks - ie: ChatGPT, Eduaide, Copy.ai





ChatGPT – poe.com

- ChatGPT is a language model developed by OpenAI.
- It is based on the GPT (Generative Pre-trained Transformer) architecture and is designed for generating human-like text responses in a conversational setting.
- ChatGPT can engage in interactive conversations, answer questions, provide explanations, and assist with various tasks.
- It has been trained on a diverse range of internet text data to understand and generate coherent and contextually relevant responses.

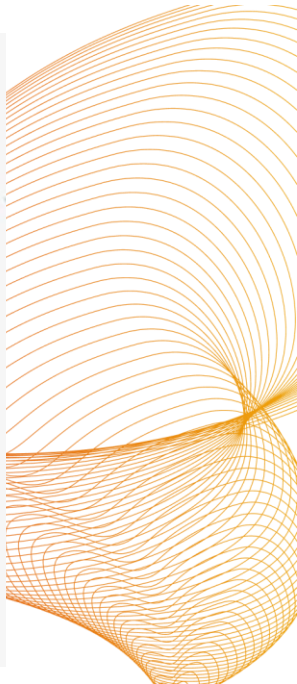




Prompt engineering

A prompt is the initial message or instruction given to the chatbot to start a conversation or guide the response.

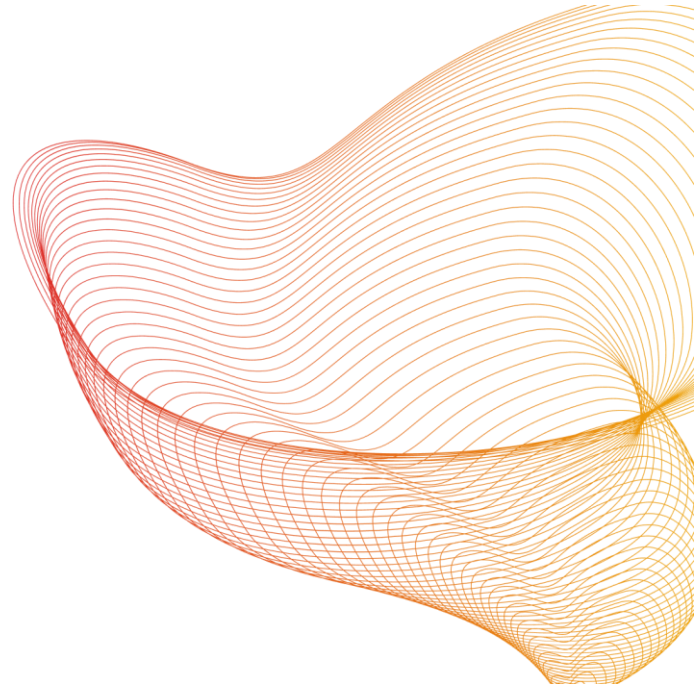
- **A single statement** - "Create a lesson on the topic of social Media use in middle school."
- **A question** - Can you find 3 engaging activities for 6th grade lessons on social media use?
- **Several questions or statements**- Can you create a two day group project for middle school students on social media? Include an exploration of the different social media platforms and which are the most popular. Also include the topic of security and data concerns





Where do I get prompts?

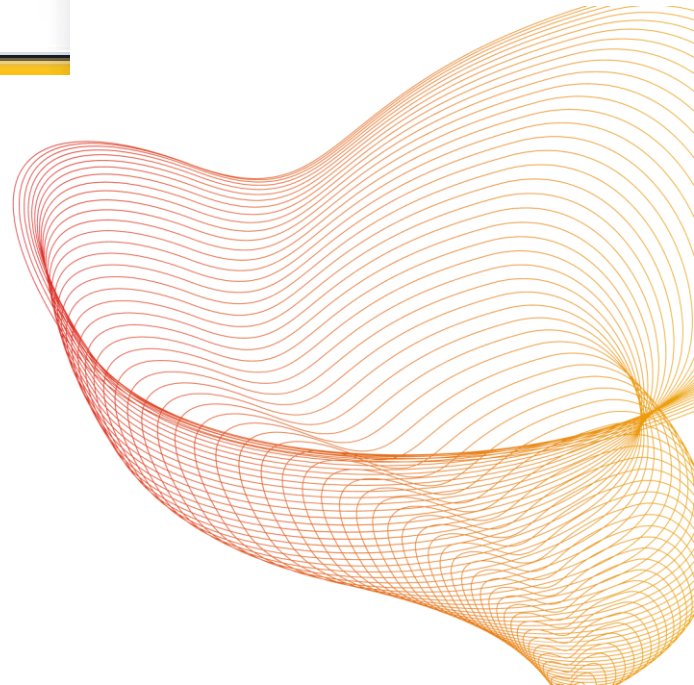
1. Find prompts lists for your subject
2. Use a Prompt Generator
3. Train the AI to write the prompt for you!





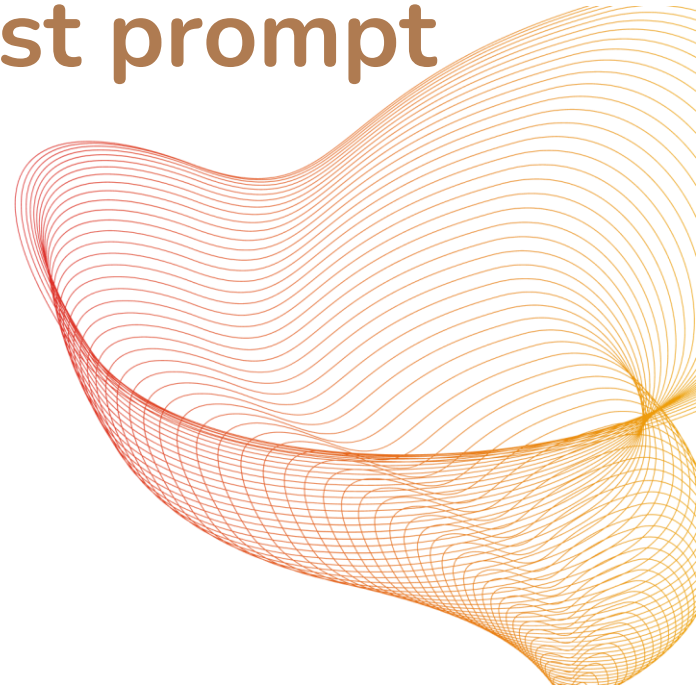
Use a prompt generator

- [ChatPromptGenius.com](https://chatpromptgenius.com)
- [Prompt Apps](#)
- [ChatGPT Prompt Plus](#)
- [LearnPrompting](#)
- [Prompt Tools from Futurpedia](#)
- [ChatGPT Chrome Extension](#)
- [PromptStorm](#)





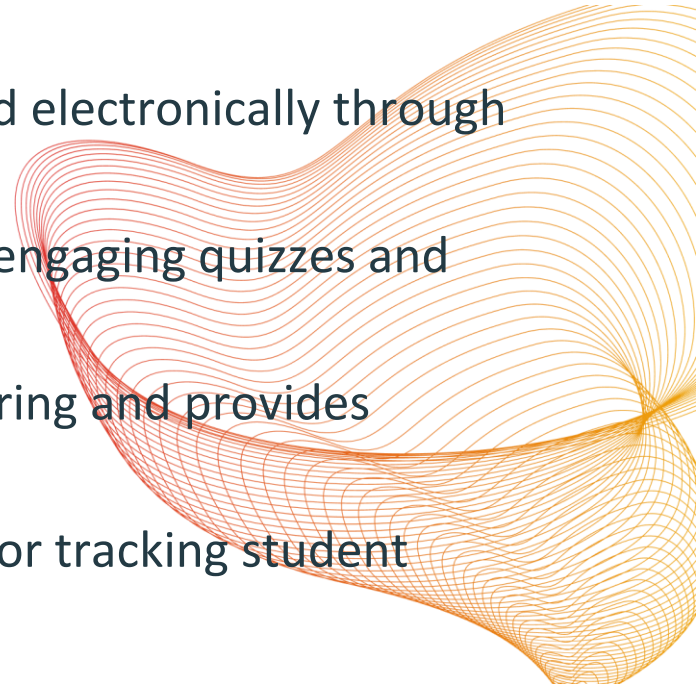
Ask ChatGPT how to best prompt
it





AI for assessment – Diffit

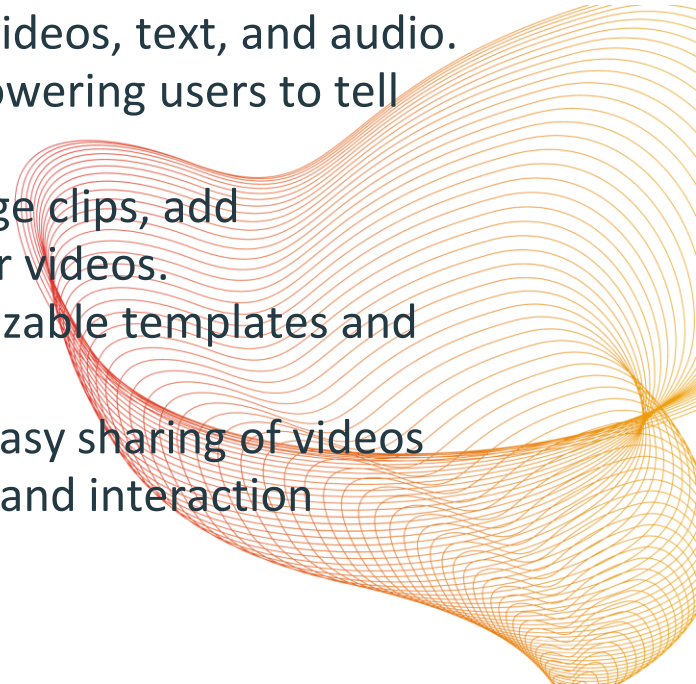
- Resource Creation: Teachers can create customized digital resources for their students.
- Digital Delivery: Resources can be easily shared electronically through the Diffit platform.
- Interactive Assessments: Teachers can create engaging quizzes and interactive assignments.
- Efficient Grading: The platform automates scoring and provides instant feedback.
- Data Analysis: Diffit offers data analysis tools for tracking student performance.





AI for video creation – Pictory

- Video Creation: Pictory enables users to create engaging videos by combining multimedia elements like images, videos, text, and audio.
- Storytelling Platform: Pictory focuses on empowering users to tell compelling visual stories through videos.
- Multimedia Editing: Users can trim, crop, merge clips, add transitions, effects, and audio to enhance their videos.
- Templates and Themes: Pictory offers customizable templates and themes to create visually appealing videos.
- Sharing and Collaboration: Pictory facilitates easy sharing of videos on multiple platforms, fostering collaboration and interaction among users.



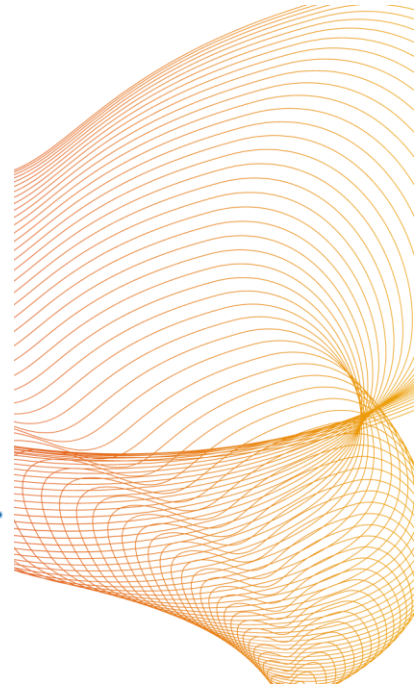


AI for presentations – SlidesAI.io

How do I install slide AI?

Step 1: Install the Google Slides extension

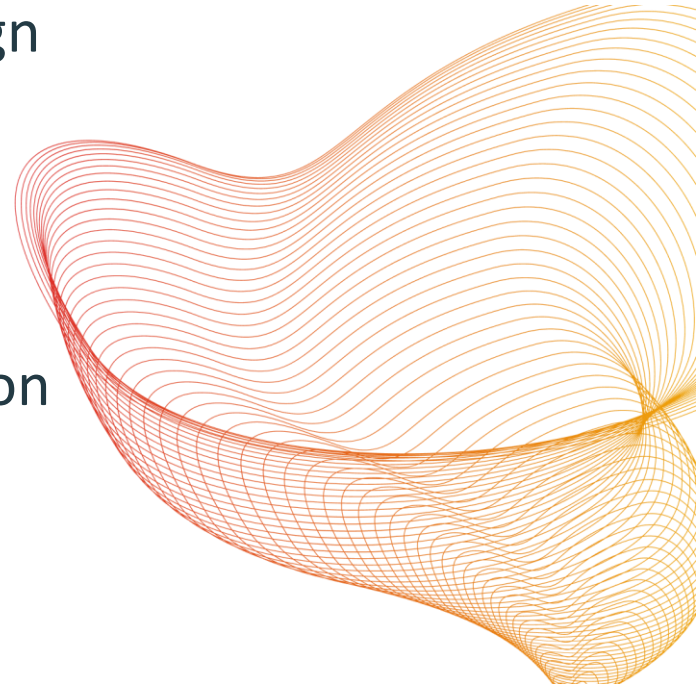
1. Go to Google Slides and start a new deck.
2. Press the “Extensions” drop-down, select “Add-ons” and click “Get add-ons”. This will trigger the Google Workspace Marketplace pop-up.
3. Search “SlidesAI” at the top, select the add-on and install it.





MagicSchool.ai

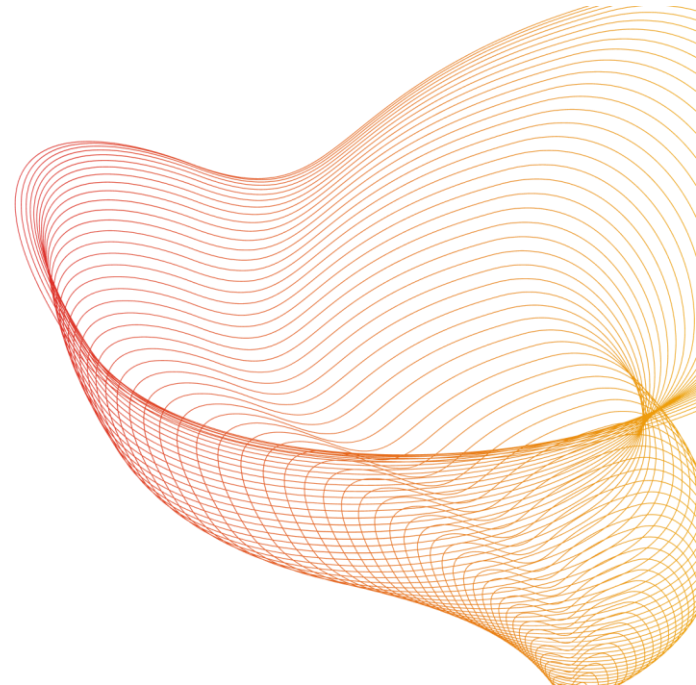
1. AI-Assisted Lesson Planning and Design
2. Personalization and Differentiation
3. Instant Feedback Generation
4. AI Chat for Collaboration
5. Resource Generation and Collaboration





Questions & Answers

Open floor for any questions or
discussions





Thank You!

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