



Worksheet #5 Part 2 S1E11: “Exploring AI for Personalized Learning”

Objective: Students will explore how AI tools can create personalized learning experiences by adjusting content, resources, and feedback based on their individual strengths and weaknesses. They will reflect on how AI helps tailor learning paths to their needs.

Part 2: Engaging with the AI-Powered Learning Platform

1. **Complete a Learning Session:** Engage with the platform by completing a series of lessons or activities. Pay attention to how the AI adjusts the difficulty of the material as you progress.

Example Activities:

- Solve math problems on Khan Academy and notice how the questions change in difficulty based on your performance.
- Practice language lessons on Duolingo and observe if the AI gives you easier or harder questions depending on your answers.

Task:

- Write down 3-5 examples of how the platform adapted to your learning.
 - Did it repeat a concept you struggled with?
 - Did it suggest new resources or provide hints after a wrong answer?
 - Did it increase the difficulty after you answered correctly?



Reflection:

- How did the AI adjust the material based on your responses? Did you feel that the content was personalized to your learning style?
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Teacher's Notes:

- Encourage students to think about the benefits of AI in personalizing education to fit individual needs and how that compares to traditional teaching methods.
- Discuss the limitations of AI in understanding deeper nuances of a student's learning journey, such as emotional challenges or motivation levels.
- Highlight how students can use AI tools as a complement to teacher-led learning and not as a replacement for human interaction.

This worksheet helps students explore the ways in which AI adapts learning content to individual needs, allowing them to reflect on how these tools can make their educational experience more engaging and tailored to their abilities.