

Artificial Intelligence (AI) is transforming education in unprecedented ways. It allows personalized learning experiences, automated grading, and intelligent tutoring systems. Unlike traditional static methods, AI-driven systems adapt to the needs of each student.

Machine Learning is a branch of AI. It focuses on enabling systems to learn from data without being explicitly programmed. This flexibility makes it very powerful.

Natural Language Processing (NLP) is an essential subfield of AI. It enables machines to understand and generate human language. Applications include chatbots, translation, and automated question generation.