

Artificial Intelligence (AI) is a rapidly growing field that focuses on creating machines capable of performing tasks that typically require human intelligence. This includes activities like problem-solving, learning from data, recognizing speech, and even making decisions. AI is divided into subfields such as machine learning, which enables systems to learn from data, and natural language processing, which allows machines to understand human language. With advancements in technology, AI is expected to revolutionize industries like healthcare, finance, and education, improving efficiency and creating new opportunities. However, as AI systems become more powerful, ethical concerns about data privacy, job displacement, and decision-making transparency have emerged, prompting researchers and policymakers to consider regulations.