Introduction to Artificial Intelligence

What is AI?

Artificial Intelligence (AI) is the simulation of human intelligence processes by machines, especially computer systems.

History of AI

The field of AI research was born at a workshop at Dartmouth College in 1956.

Applications of AI

- Natural Language Processing

- Computer Vision

- Robotics

- Expert Systems

- Machine Learning

AI vs Machine Learning

AI is the broader concept of machines being able to carry out tasks in a way that we would consider smart.

Machine Learning is a subset of AI that allows machines to learn from data without being explicitly programmed.

Future of AI

The future of AI includes advancements in deep learning, reinforcement learning, and more autonomous systems.