Artificial Intelligence (AI) is a branch of computer science that aims to create machines capable of intelligent behavior.

The field includes subdomains such as machine learning, natural language processing, and computer vision.

Machine learning enables systems to learn from data and improve their performance without being explicitly programmed.

Applications of AI include healthcare diagnosis, self-driving cars, recommendation systems, and chatbots.

However, AI also raises concerns such as job automation, data privacy, and ethical decision-making.

To ensure responsible use, governments and organizations are creating regulations and ethical guidelines.