Artificial Intelligence (AI) is a branch of computer science that aims to create systems capable of performing tasks that normally require human intelligence. These tasks include understanding natural language, recognizing patterns, solving problems, and learning from experience.

AI is broadly categorized into two types: Narrow AI, which is designed to perform a narrow task (e.g., facial recognition), and General AI, which can perform any intellectual task that a human can.

Machine Learning (ML), a subset of AI, involves training algorithms to learn from data. Deep Learning, a further subset of ML, uses neural networks with many layers to achieve state-of-the-art accuracy in tasks like image and speech recognition.

The development of AI raises important ethical questions, including the impact on employment, privacy, and decision-making transparency.

Applications of AI include self-driving cars, virtual assistants like Siri or Alexa, medical diagnosis tools, and recommendation systems on platforms like Netflix or Amazon.