Artificial Intelligence (AI) Overview

Artificial Intelligence (AI) refers to the simulation of human intelligence in machines that are designed to think and act like humans. These machines are capable of performing tasks such as learning, reasoning, problem-solving, perception, and language understanding.

AI can be categorized into three types:

1. Narrow AI: AI systems that are designed for a specific task (e.g., voice assistants, recommendation engines).

2. General AI: A hypothetical system that can perform any intellectual task that a human can.

3. Super AI: An AI that surpasses human intelligence in all respects.

Popular fields of AI include Machine Learning, Deep Learning, Natural Language Processing, Robotics, and Computer Vision. AI is increasingly being used in various industries such as healthcare, finance, automotive, and education.