

# Artificial Intelligence

Artificial Intelligence (AI) is a branch of computer science that aims to create machines capable of intelligent behavior. AI is classified into three main types: Narrow AI, General AI, and Super AI. Narrow AI, also known as Weak AI, is designed for specific tasks, such as voice assistants like Siri and Alexa. General AI, also called Strong AI, has human-like cognitive abilities and can perform any intellectual task a human can do. Super AI, which is theoretical, surpasses human intelligence and can make decisions beyond human capability.

AI is widely used in various industries, including healthcare, finance, and autonomous vehicles. In healthcare, AI helps in diagnosing diseases, predicting patient outcomes, and automating administrative tasks. In finance, AI is used for fraud detection, algorithmic trading, and risk assessment. Autonomous vehicles use AI for navigation, object detection, and decision-making in real time.

Despite its advantages, AI also poses ethical concerns, such as job displacement, bias in decision-making, and privacy issues. As AI continues to evolve, researchers and policymakers are working on regulations to ensure responsible AI development and usage.