Artificial Intelligence - Study Notes

# 1. Definition

Artificial Intelligence is the ability of machines to perform tasks that normally require human intelligence, such as learning, problem-solving, and decision-making.

# 2. Types of AI

1. Narrow AI – Specialized in one task.  
2. General AI – Human-level intelligence across tasks.  
3. Superintelligent AI – Surpasses human intelligence.

# 3. Applications

AI is applied in voice assistants, self-driving cars, medical diagnosis, recommendation systems, and fraud detection.

# 4. Benefits and Challenges

Benefits: Automation, efficiency, accuracy.  
Challenges: Ethics, bias, job displacement.