

What is Al

Al, or **Artificial Intelligence**, refers to the simulation of human intelligence in machines. These machines are programmed to think, learn, and make decisions, just like humans do. Al enables computers to perform tasks such as recognizing speech, understanding language, solving problems, and making decisions based on data.

Types of AI with Real-Time Examples

1. Narrow AI (Weak AI)

- Definition: All designed to perform a single task efficiently. It cannot think beyond its programmed capability.
- Examples:
 - Voice Assistants: Alexa, Siri, Google Assistant.

2. General AI (Strong AI)

- **Definition**: All that can perform any intellectual task a human can do. It has self-awareness and the ability to learn and adapt to various tasks autonomously.
- **Examples** (Future Concept):
 - Fully autonomous robots that can adapt to any environment without programming for specific tasks.

3. Super Al

- **Definition**: A level of intelligence surpassing human intelligence in all respects. This AI would outperform humans in creativity, problem-solving, and emotional intelligence.
- **Examples** (Hypothetical):
 - Al solving global challenges like climate change and pandemics Al capable of designing revolutionary technologies independently