

Agentic ARTIFICIAL INTELLIGENCE

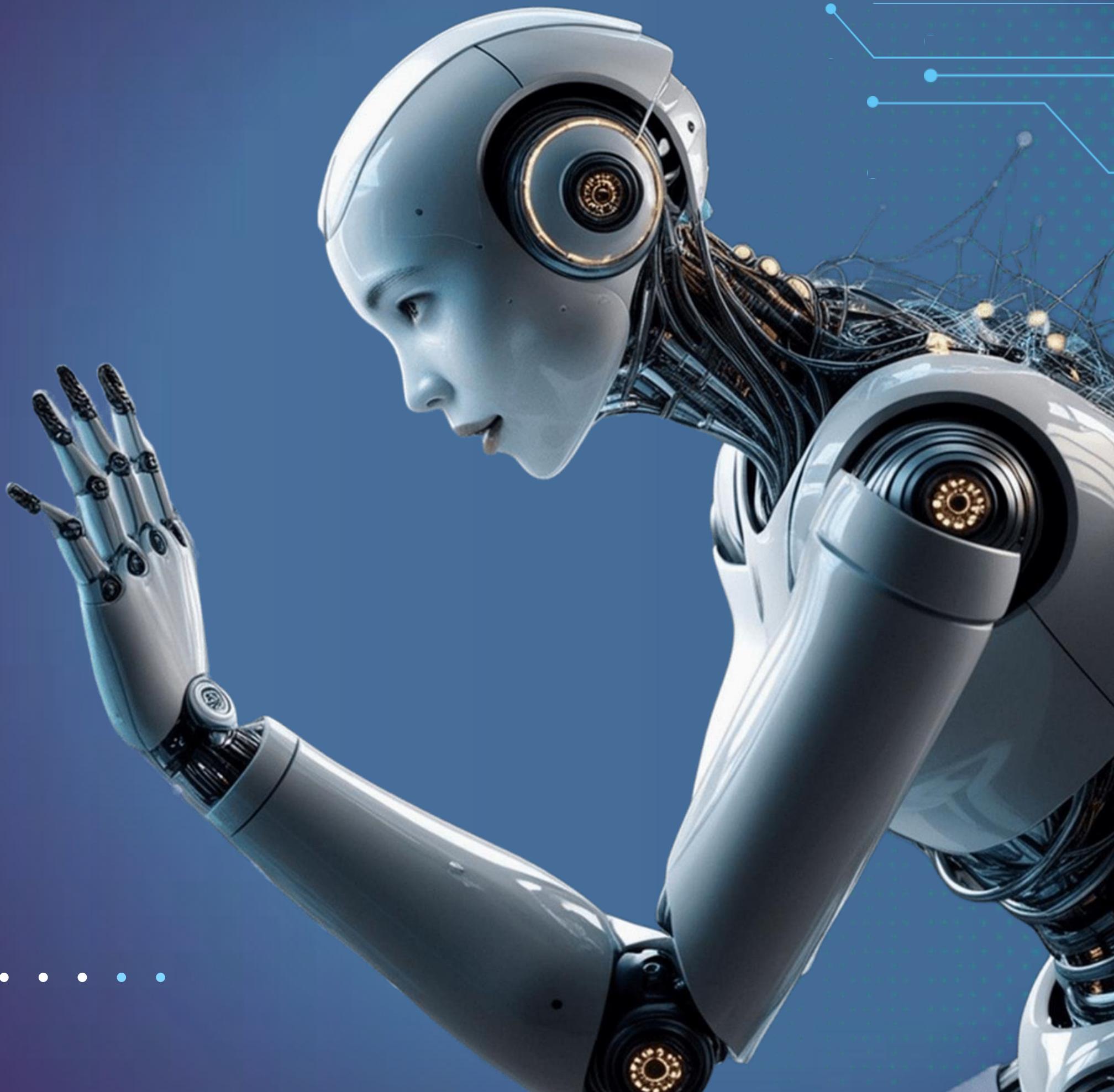
Understanding the concept of Agentic AI

RESEARCH TASK



INTRODUCTION To Agentic AI

Agentic AI is like a smart helper that can think, plan, and act on its own just like a human. It doesn't wait for every instruction. Instead, it understands what needs to be done and takes the lead. When we make it human like, it can talk nicely, understand feelings, and work with people in a friendly way. It's like having a teammate that's not a person, but still feels easy and natural to work with.



What are LLMs?

LLMs stands for Large Language Models

Large Language Models, or LLMs, are advanced computer programs that can understand and generate human language. They are trained on huge amounts of text from books, websites, and conversations so they can learn patterns in how people speak and write.

These models can do things like:

Answer questions

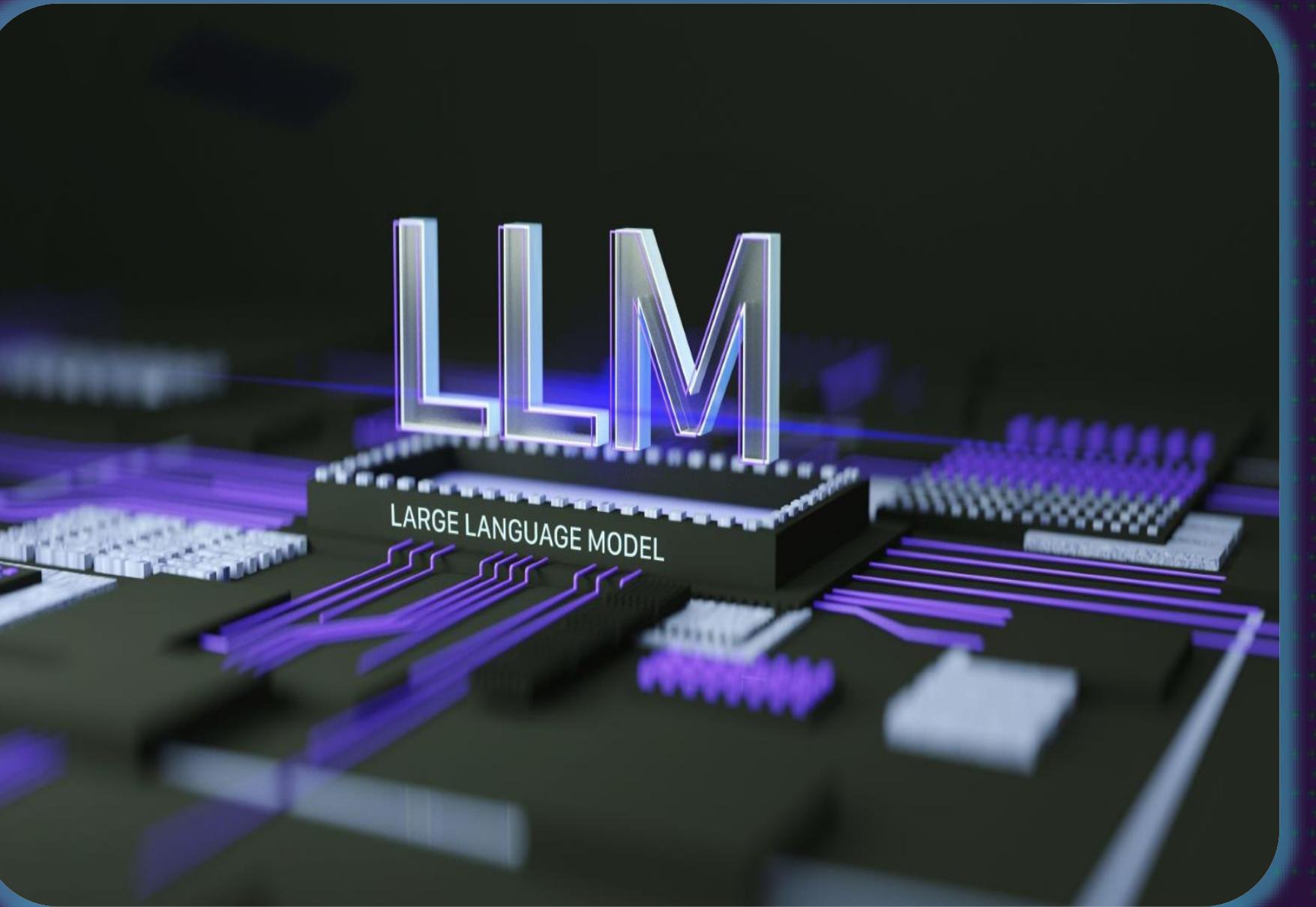
Write stories or emails

Translate languages

Summarize long texts

Chat like a human

They are called “*large*” because they have billions of tiny settings (called parameters) that help them understand language deeply. Examples include ChatGPT, BERT, and Claude.





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CONTACT



Open AI's Agent SDK

SDK stand for Software Development Kit

OpenAI's Agents SDK is a versatile framework designed to facilitate the development and orchestration of AI agents, enabling them to perform complex tasks efficiently. This SDK aligns closely with several design patterns proposed by Anthropic for building effective agents, allowing developers to implement these patterns seamlessly.

- 1. Prompt Chaining (Chain Workflow)**
- 2. Routing**
- 3. Parallelization**
- 4. Orchestrator-Workers**
- 5. Evaluator-Optimizer**

OpenAI Agents SDK

A comparison with LangGraph, Autogen, & CrewAI.



VS

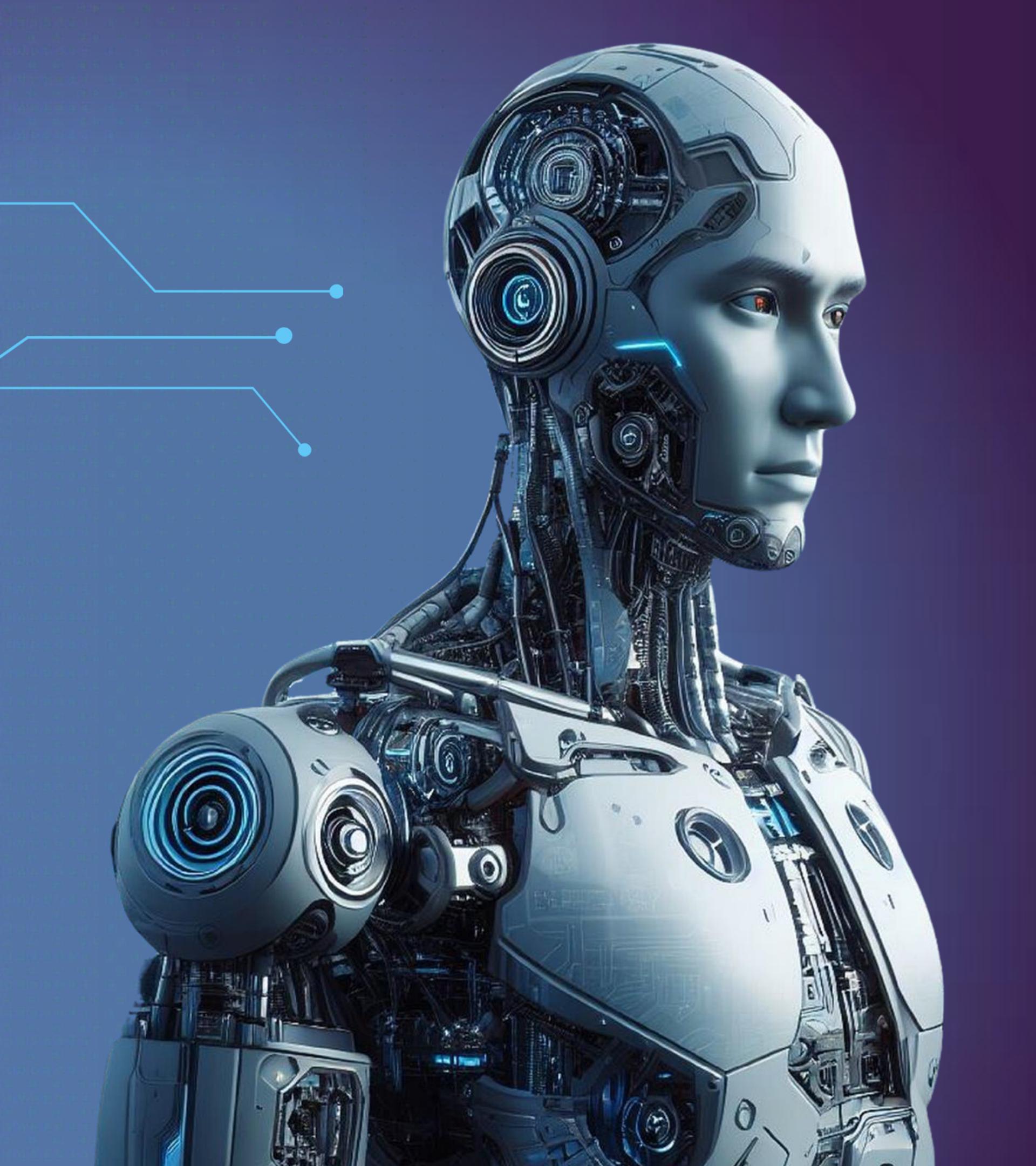


VS



VS





What is Generative AI?

Generative AI is a type of artificial intelligence that can create new content—like text, images, music, or even videos—based on what it has learned.

For example, it can:

Write poems, stories, or articles

Make realistic images or art

Compose music

Generate code

Create deep fake videos

It's called "*generative*" because it generates something new, instead of just analyzing or sorting data.





Difference between Agentic AI and Gen AI

Agentic AI

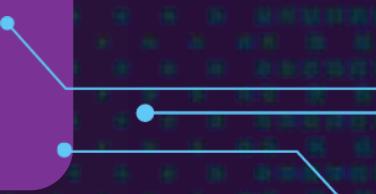
Agentic Artificial Intelligence

1. Takes action, makes decisions, and completes goals.
2. Focuses on thinking, planning, and doing task
3. Works independently, takes the lead.

Gen AI

Generative Artificial Intelligence

1. Creates new content (text, images, music).
2. Focuses on creativity and content generation.
3. Waits for prompts or instructions.



Impacts and Benefits of Agentic AI



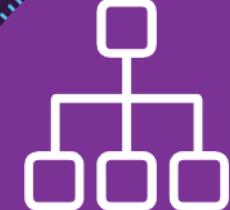
SMART HELP

Agentic AI can work on task by itself, saving your time.



HUMAN LIKE

It analyzes the situation and chooses the best action quickly.



BETTER DECISIONS

Feels more natural to interact with like working with a real teammate.

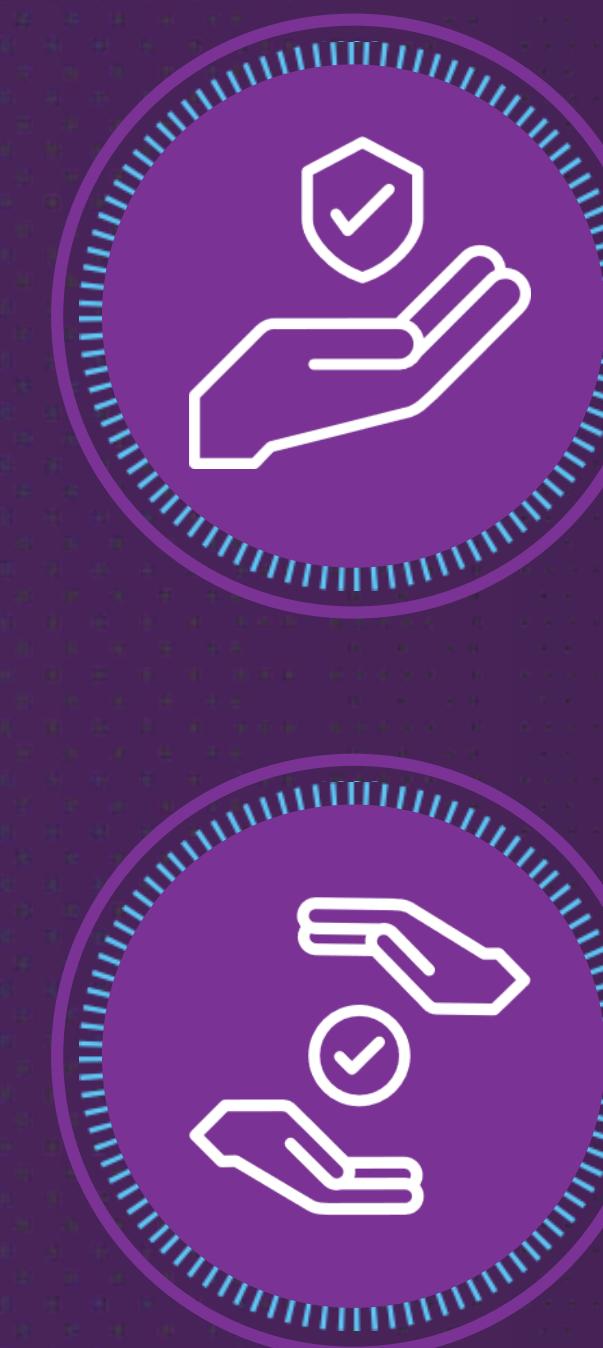
FUTURE DIRECTIONS IN AGENTIC AI ETHICS

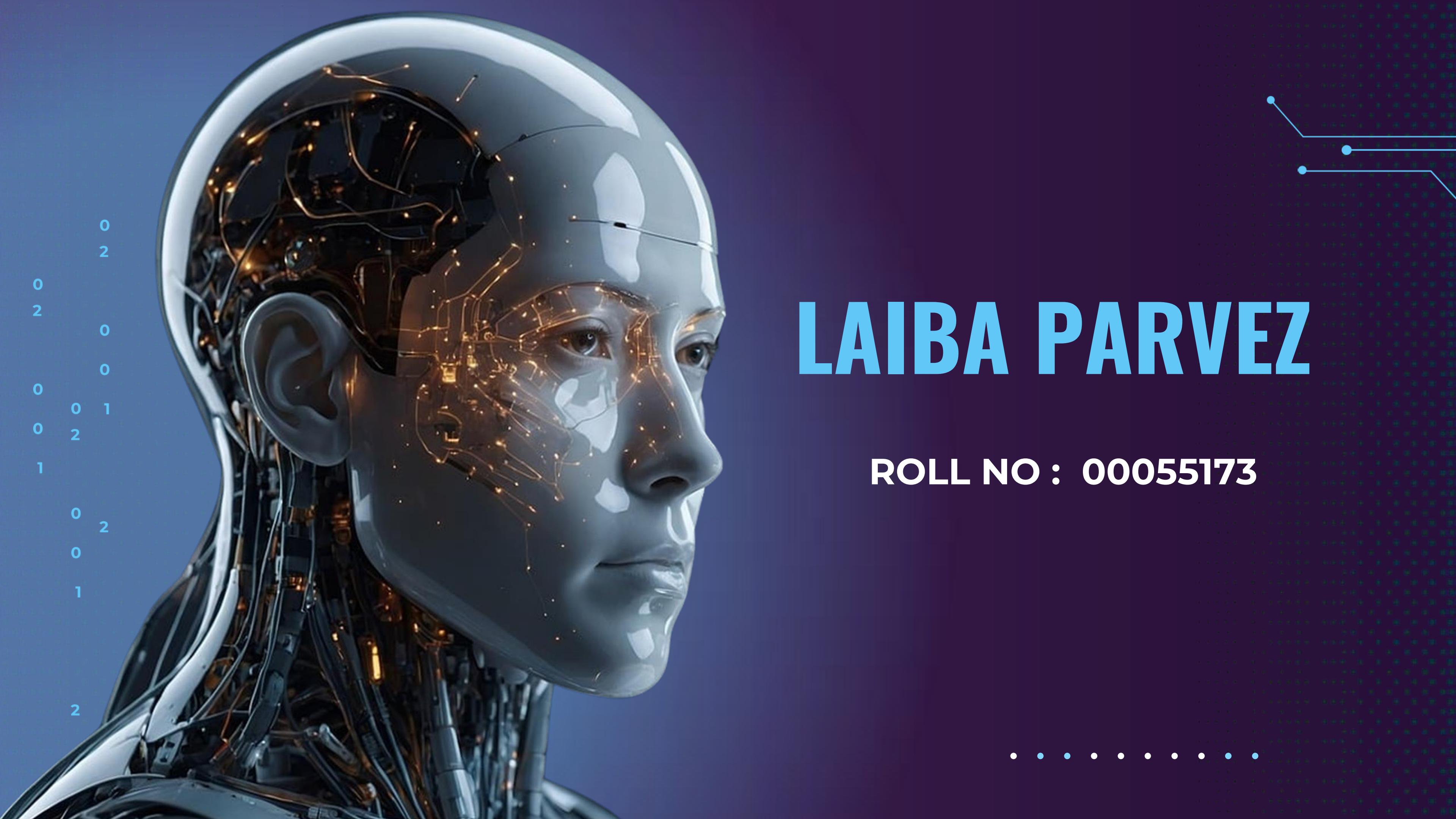
AGENTIC AI AND HUMAN RIGHTS

Exploring how Agentic AI should respect privacy, fairness, and freedom while supporting human dignity.

AGENTIC AI IN GLOBAL GOVERNANCE

Understanding how Agentic AI can help in decision-making, policy support, and solving global challenges responsibly.





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