Different Types of Artificial Intelligence

Artificial Intelligence

Machine Learning

LLMs

GenAI

Reinforcement Learning

Deep Learning

NLP

Computer Vision
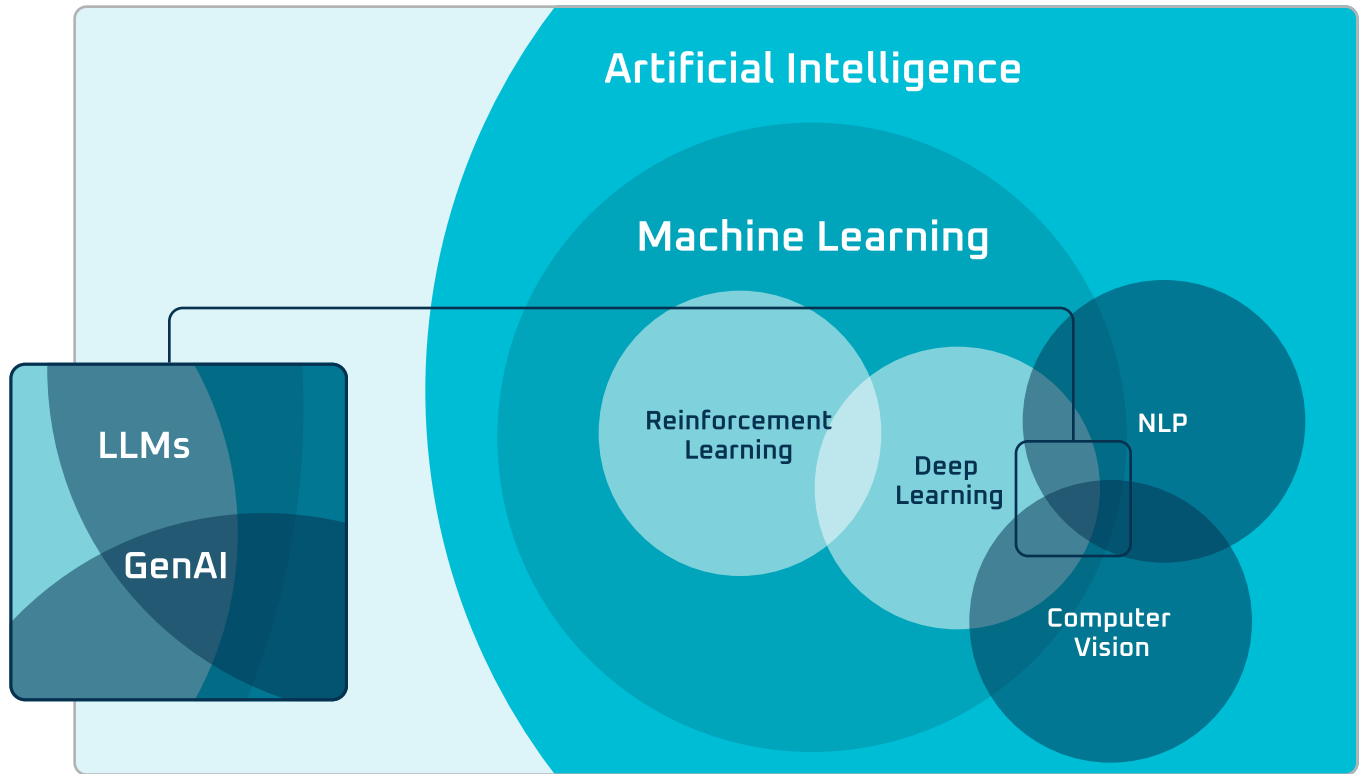
Artificial Intelligence (AI)
An umbrella term for any machine that mimics part or all of human intelligence.

Machine Learning (ML)
A subset of AI that enables computers to learn and adapt without being explicitly programmed.

Reinforcement Learning (RL)
An agent learns to make decisions and take actions in an environment, receiving feedback or rewards based on the outcomes.

Deep Learning (DL)
An advanced form of ML that uses multilayered neural networks to process and learn from vast amounts of data.

Natural Language Processing (NLP)
A form of AI that has the ability to understand text and spoken language similar to human understanding.

Computer Vision (CV)
A field of AI that focuses on processing and understanding visual data such as images or videos.

Large Language Models (LLMs)
A type of foundational deep neural network models trained on vast amounts of text. They are designed to understand, generate, and transform human-like language.

Generative Artificial intelligence (GenAI)
A form of AI that can ingest information and generate new content such as text, audio, image, video, and even computer code.

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