



Sanket-NITC

Introduction to AI

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AI

What is AI?

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think and learn like humans. AI has become an integral part of our lives, from virtual assistants like Siri and Alexa to self-driving cars and drones.

AI is based on the idea that machines can be trained to perform tasks that would typically require human intelligence, such as recognizing speech, making decisions, and even understanding emotions.

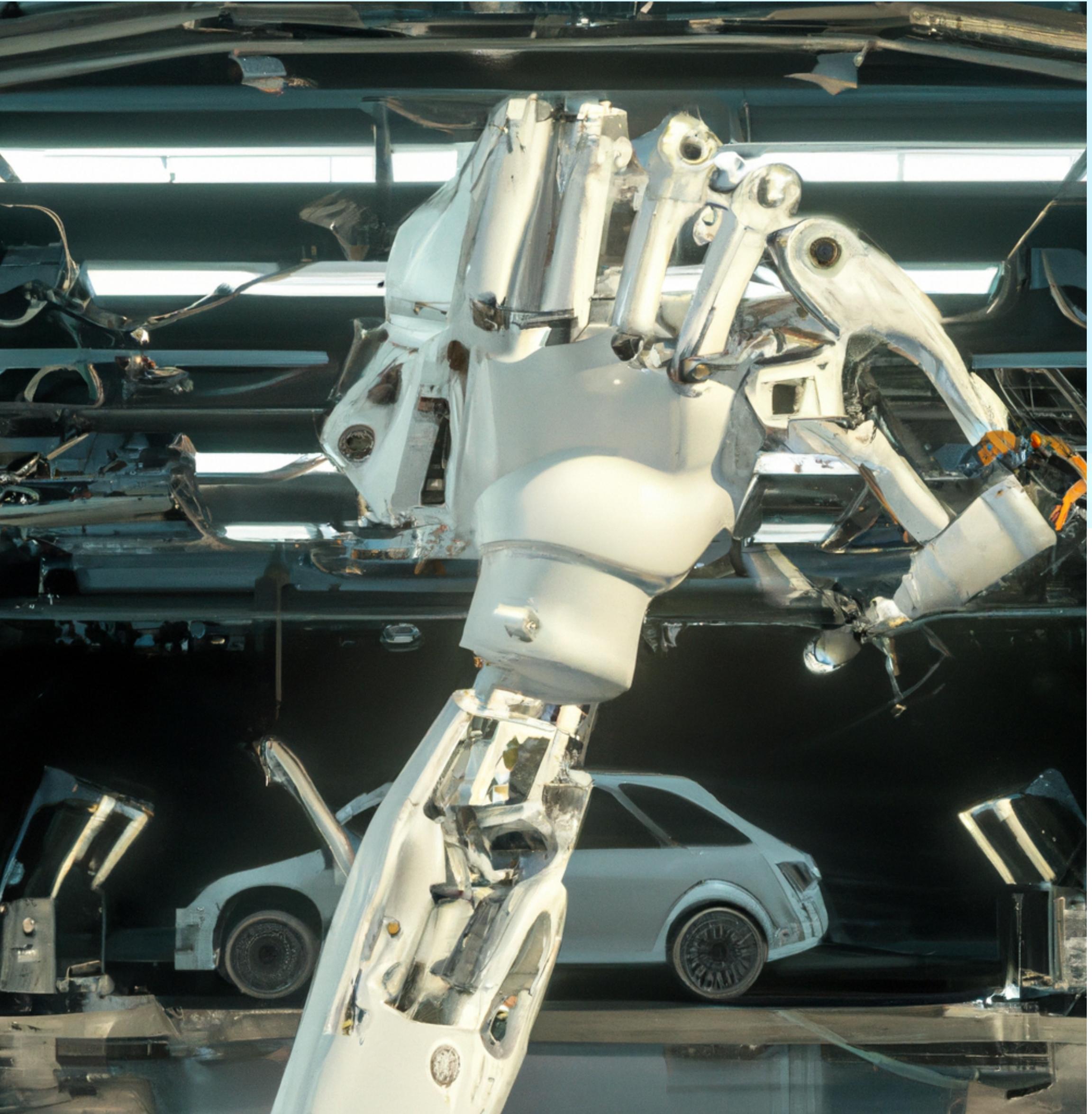




AI
CLUB

AI

**What is the
difference
between AI
ML and DL?**



What is ML?

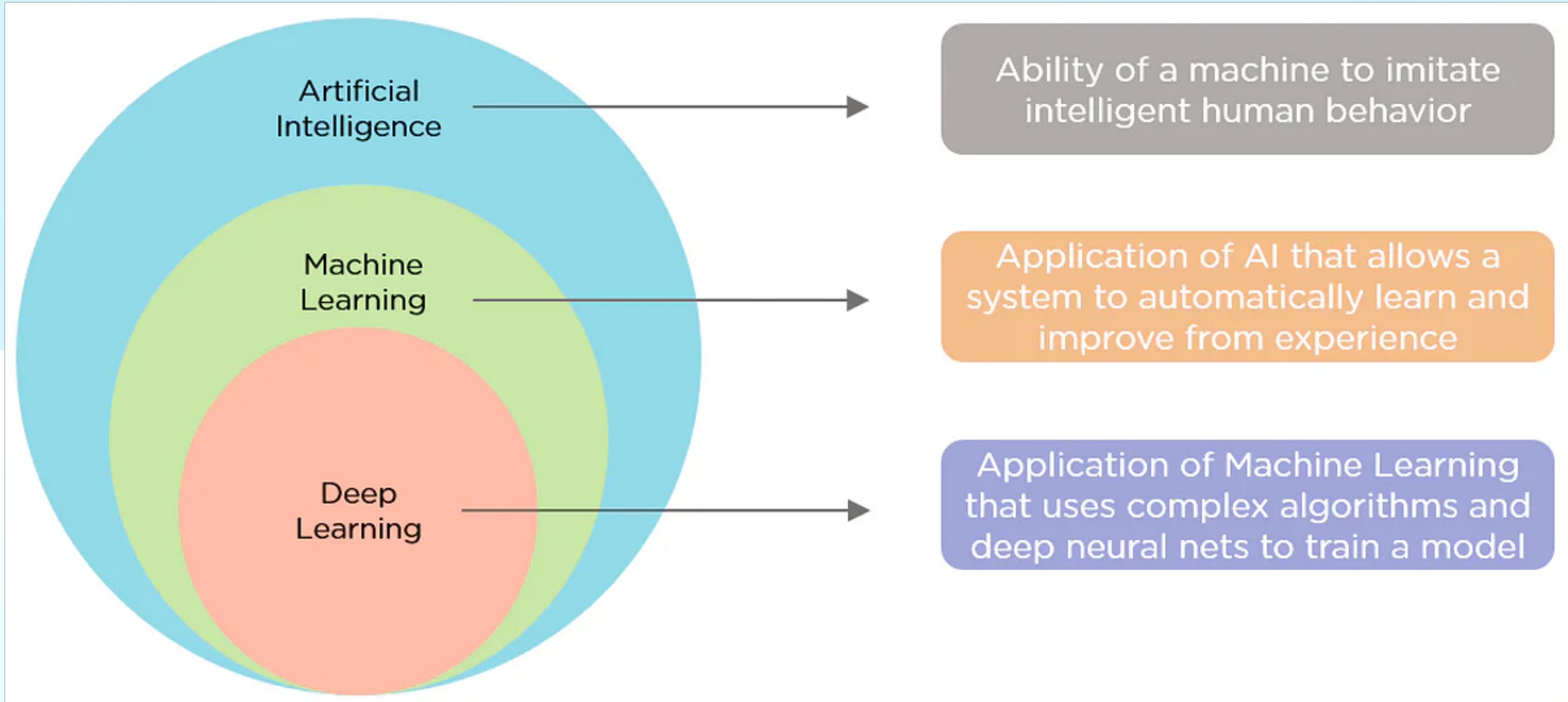
Machine learning (ML) is a subset of artificial intelligence (AI) that involves building systems that can learn from and make decisions based on data, without being explicitly programmed. In other words, ML algorithms are designed to automatically improve their performance over time by learning from new data inputs, without requiring human intervention or explicit programming for every decision.

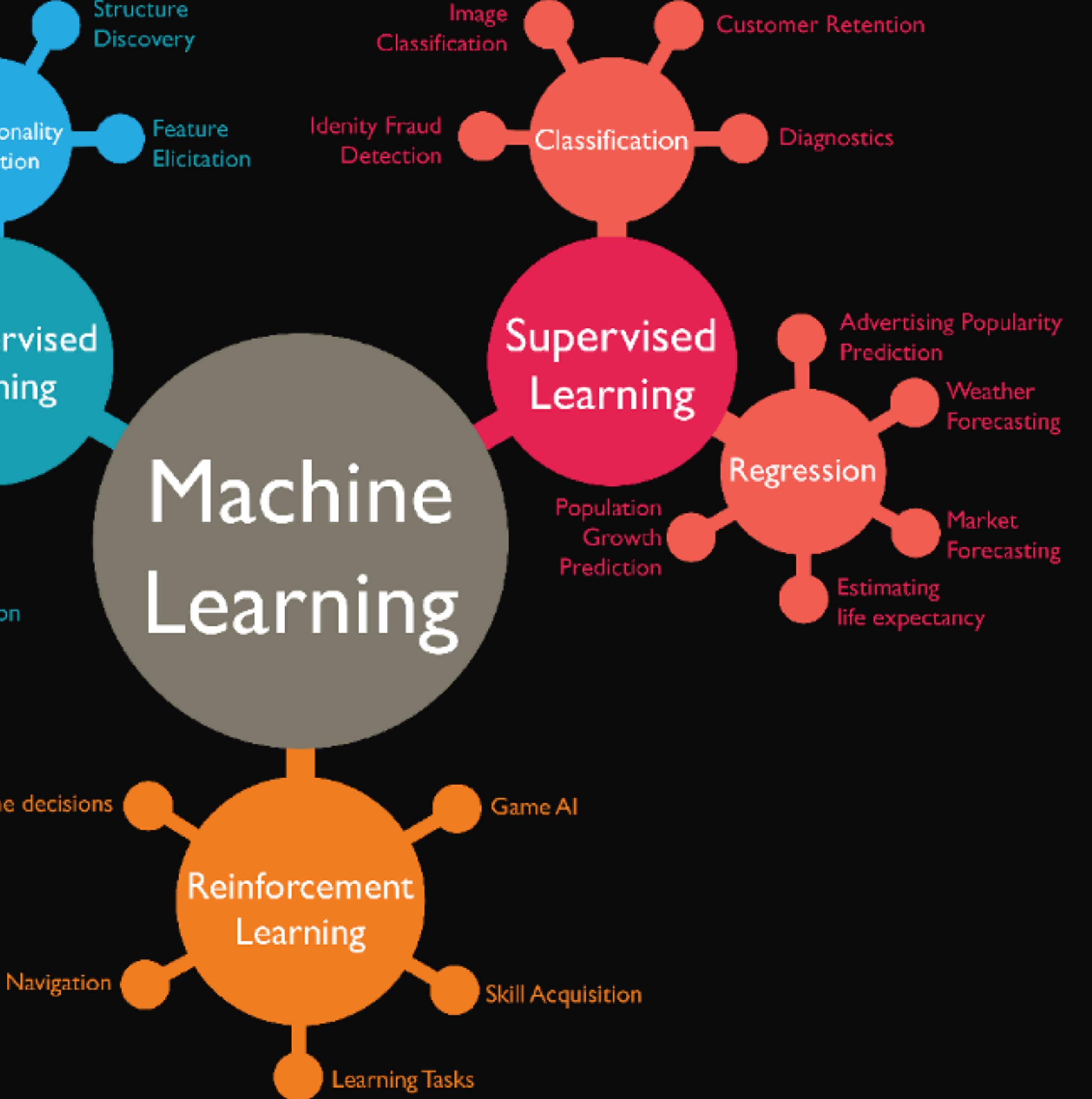




What is DL?

AI





AI Applications of AI

AI has numerous applications in various fields, including healthcare, finance, education, and entertainment. In healthcare, AI can be used to diagnose diseases and develop personalized treatment plans. In finance, AI can help detect fraud and make investment recommendations. In education, AI can personalize learning and provide feedback to students. In entertainment, AI can create realistic video game characters and generate music and art.

