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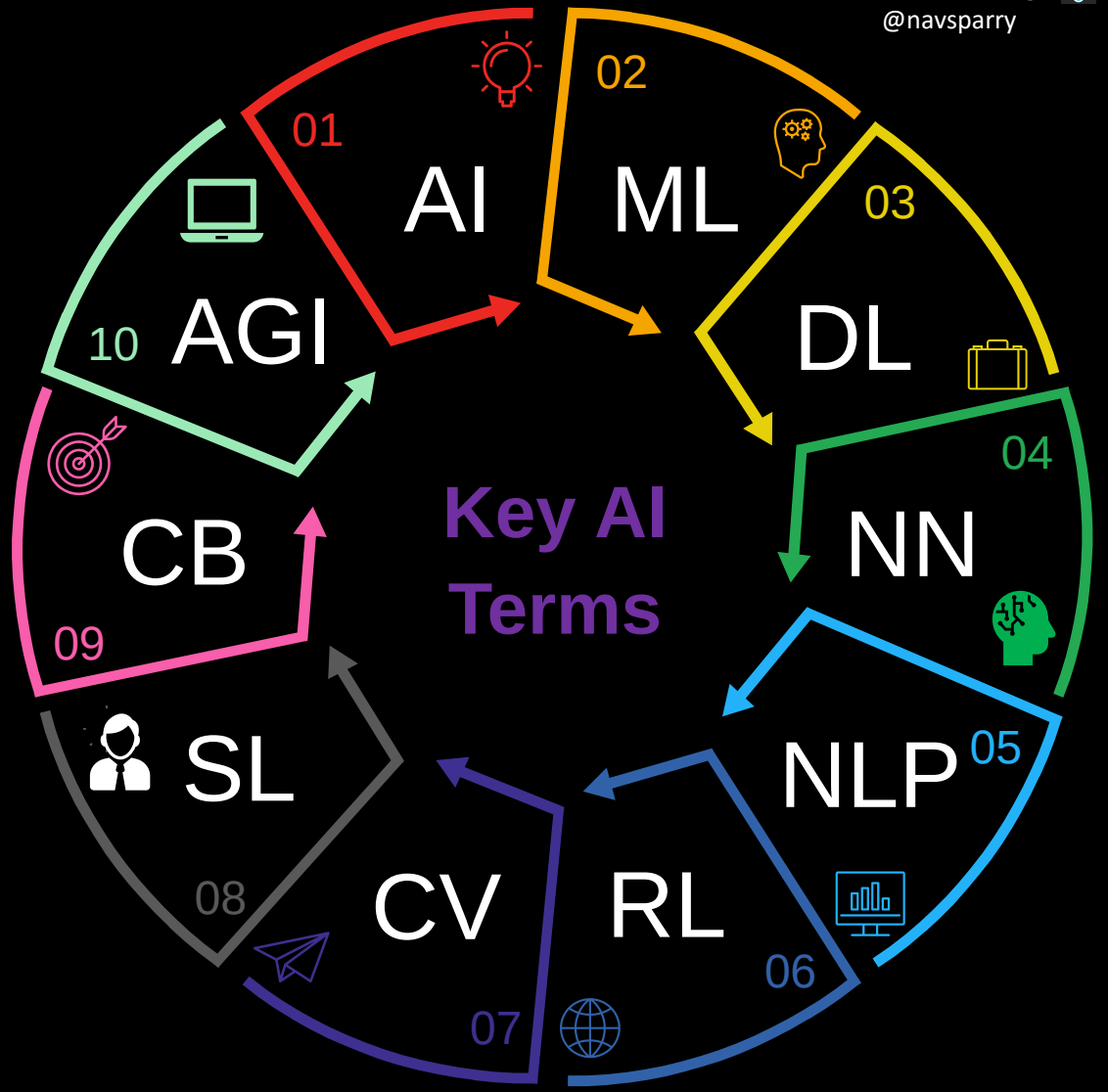
Unlocking Secrets
Artificial Intelligence



SWIPE >>>

Demystifying Artificial Intelligence

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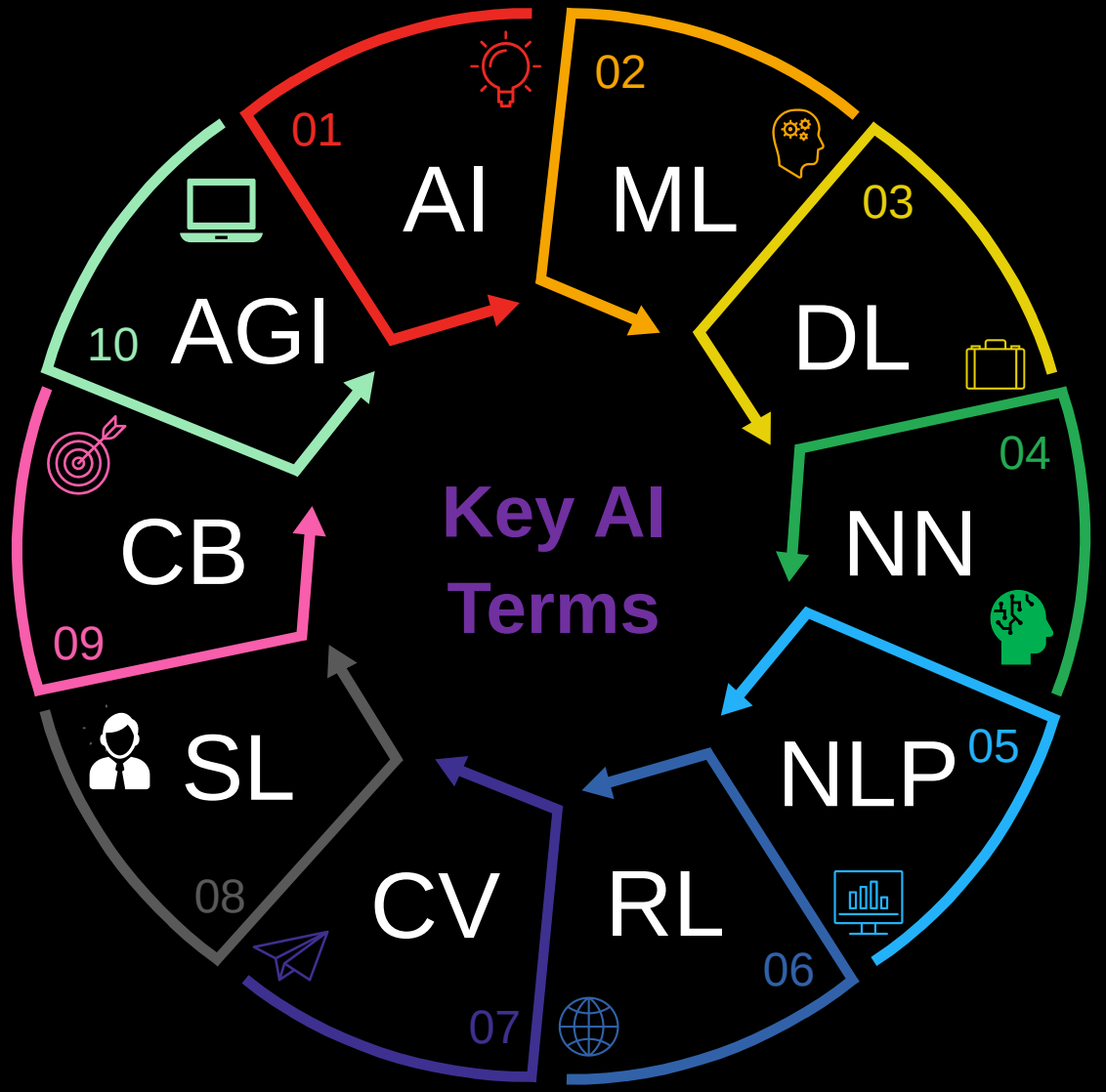
10 Artificial General Intelligence

09 Chatbots

08 Supervised Learning

07 Computer Vision

06 Reinforcement Learning



Artificial Intelligence 01

Machine Learning 02

Deep Learning 03

Neural Networks 04

Natural Language Processing 05

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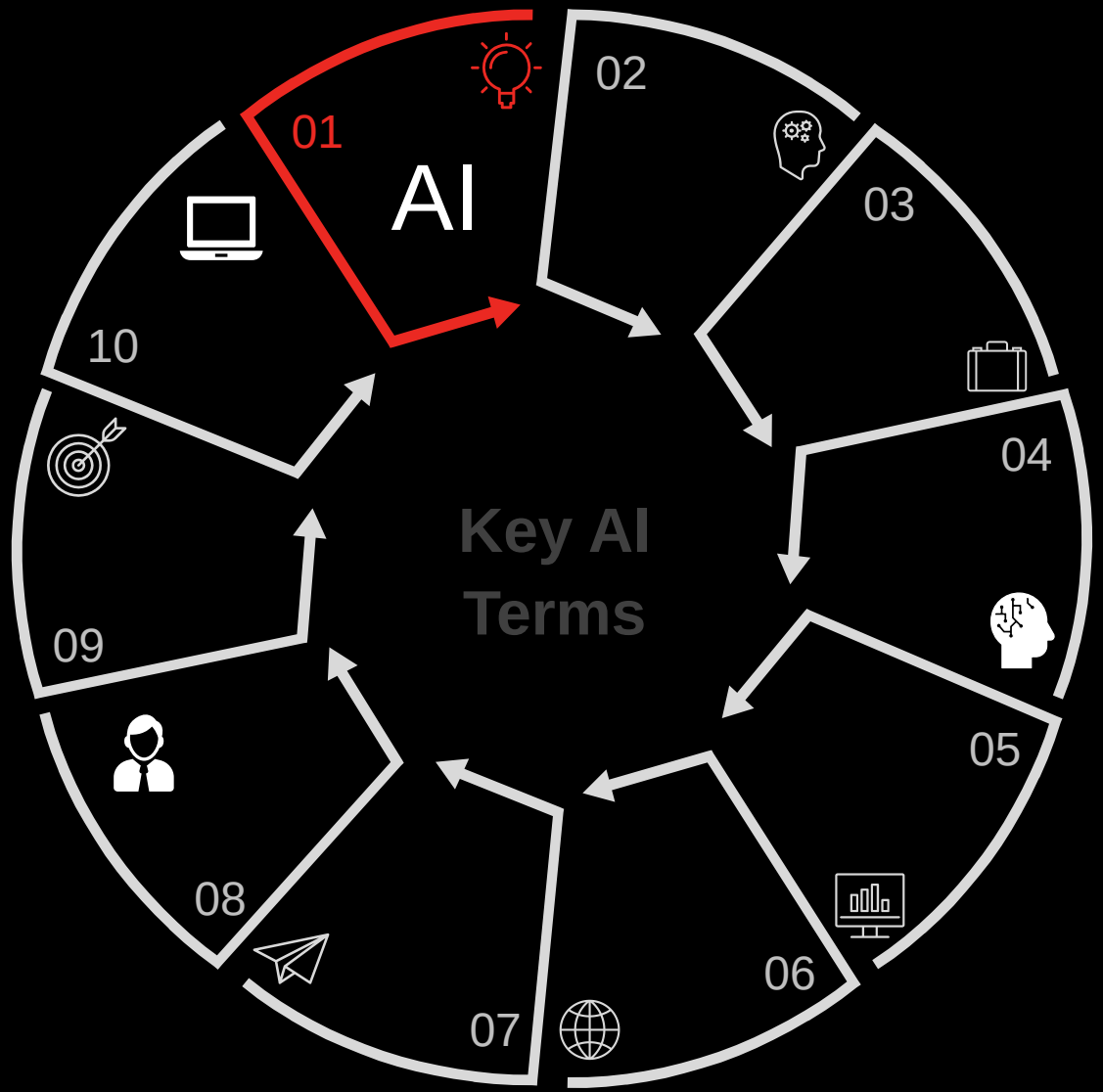
Artificial Intelligence



The simulation of human intelligence in machines that are programmed to think and learn. AI systems can perform tasks that typically require human intelligence.

Virtual voice assistants like Amazon's Alexa or Apple's Siri utilize AI to understand and respond to user queries.

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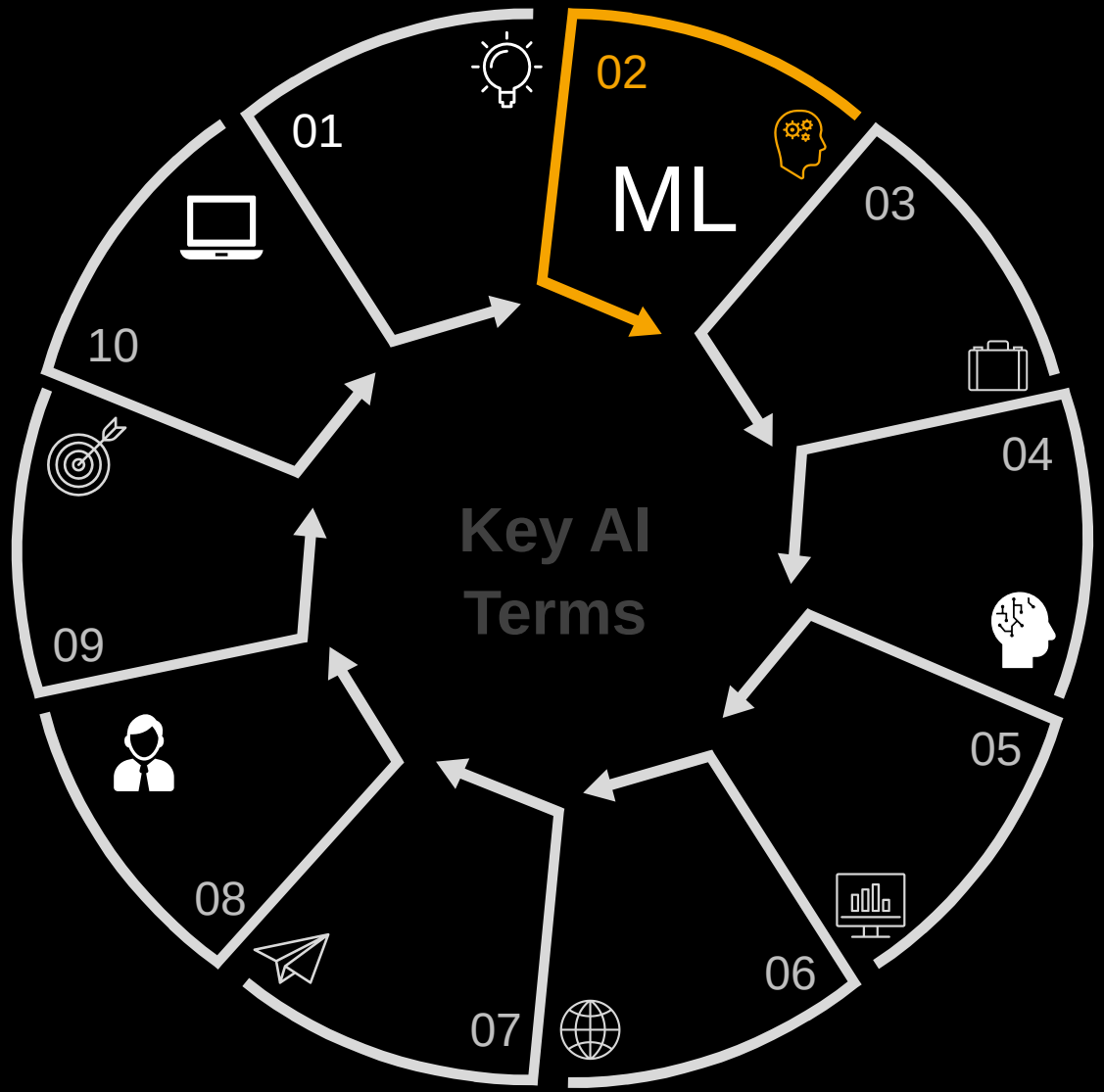
Machine Learning



A subset of AI that focuses on algorithms and models that allow computers to learn and improve from experience without being explicitly programmed.

When you watch a movie or video on Netflix or YouTube, ML algorithms learn your preferences and suggest similar ones that you might enjoy.

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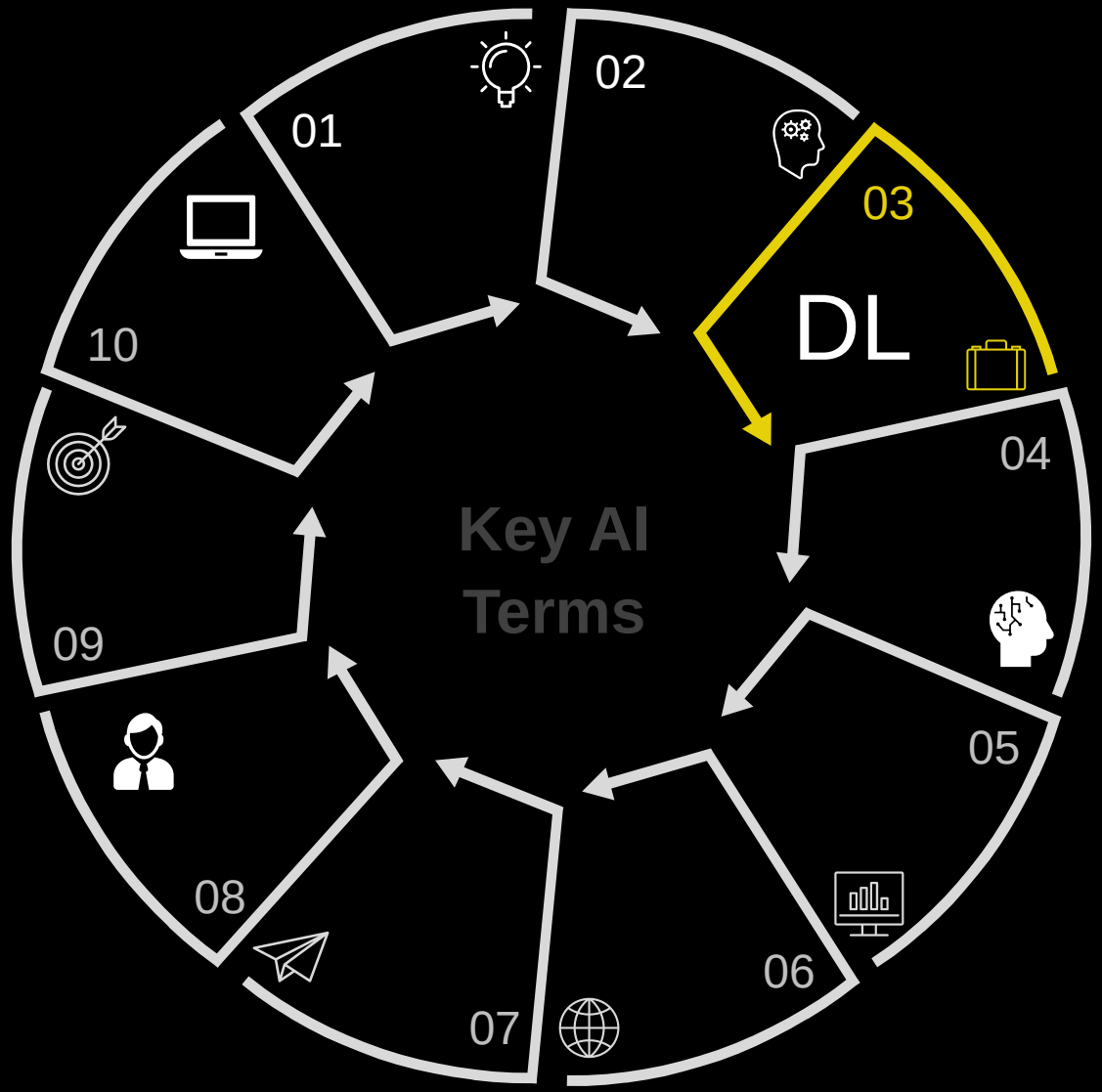
Deep Learning



A subfield of machine learning that utilizes neural networks with multiple layers to process complex patterns and representations.

When you upload a photo and system suggests tagging people, it's because algorithms can recognize faces and match them to known.

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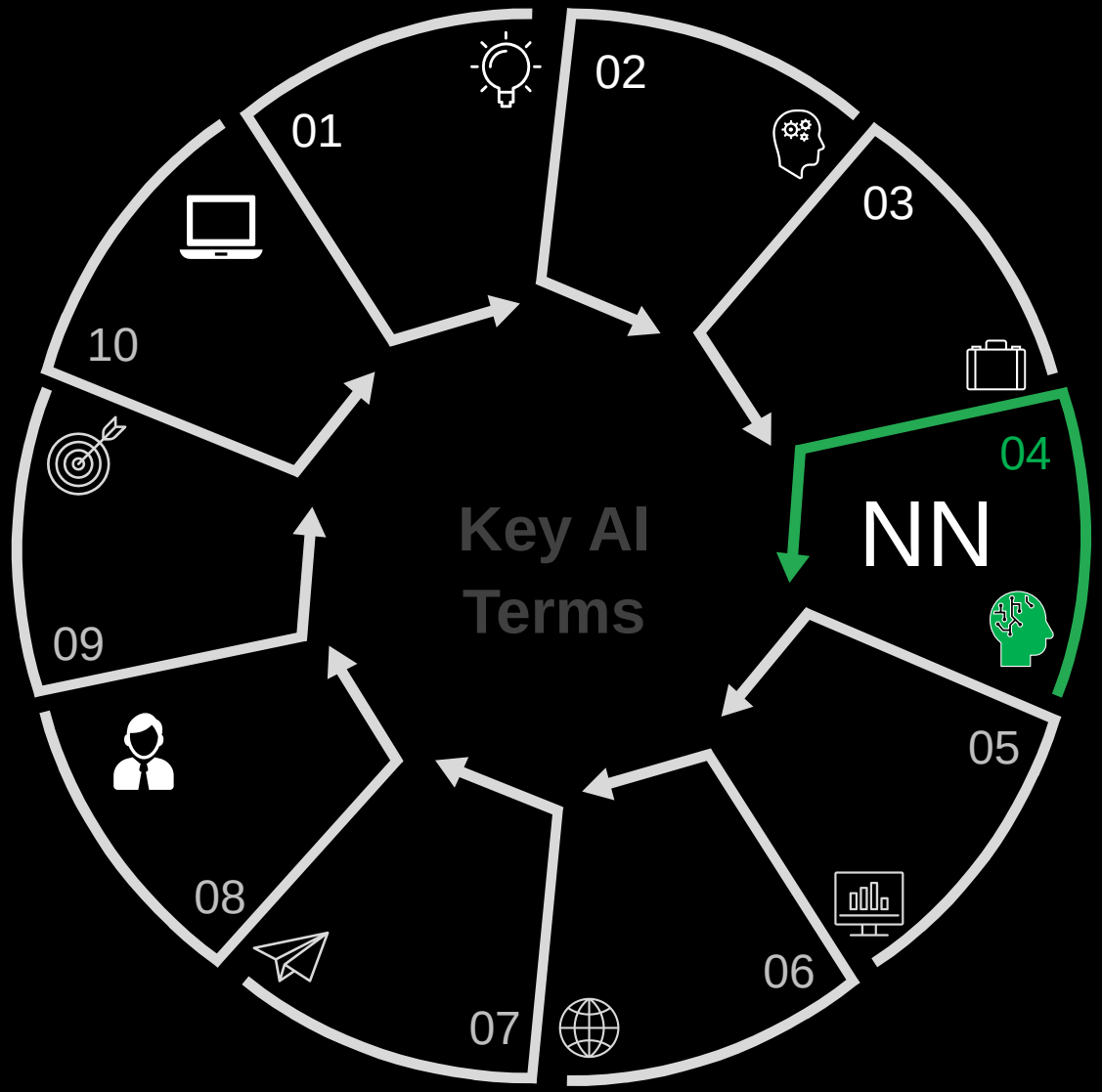
Neural Networks



Computational models composed of interconnected nodes, inspired by the structure and function of the human brain.

Used in email spam filters They learn from emails to identify patterns in spam messages, so the filter can automatically move them to the spam folder

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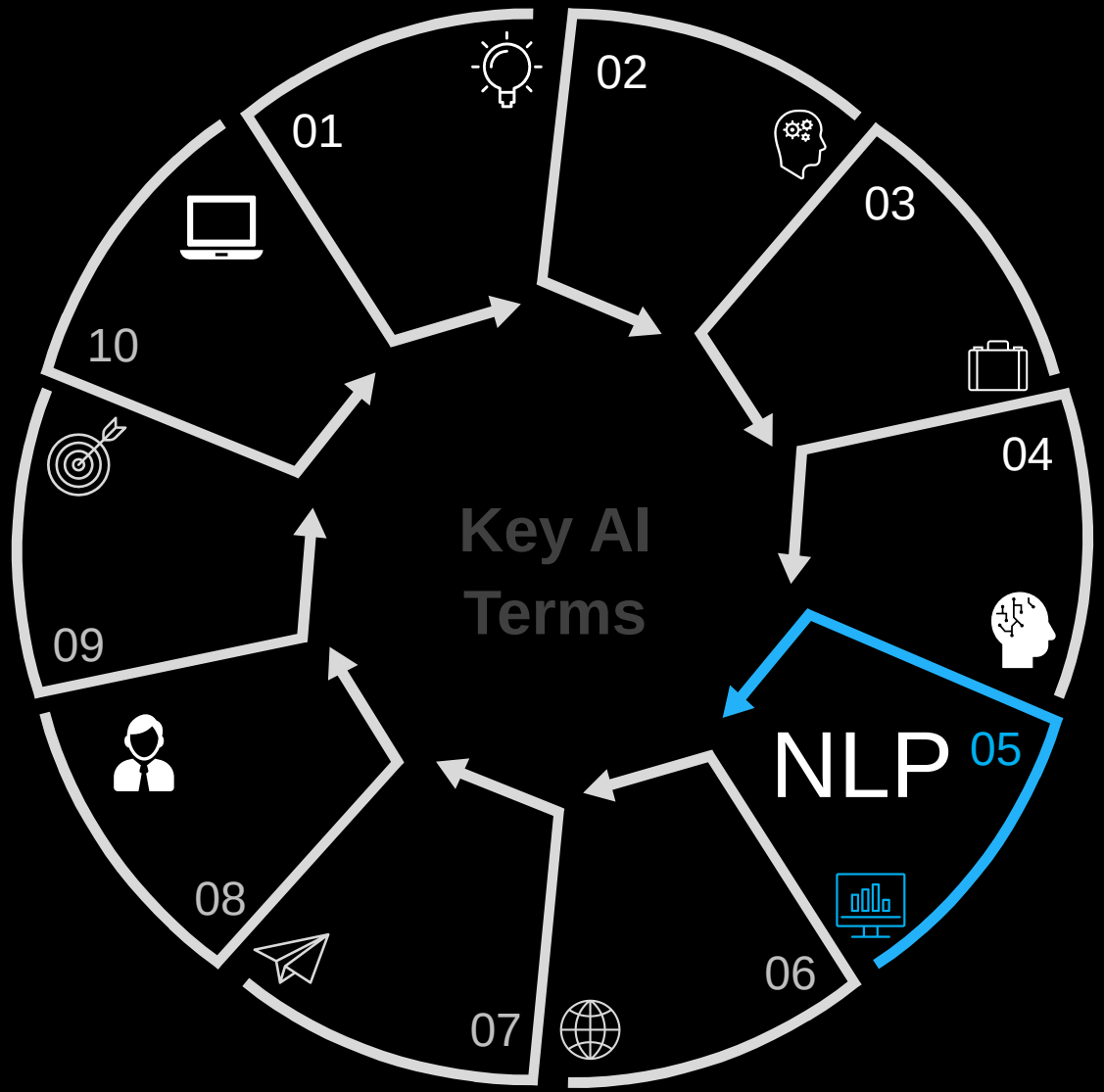
Natural Language Processing



Focuses on enabling computers to understand and process human language.

An example is chatbots used by customer service departments to answer customer inquiries and provide support.

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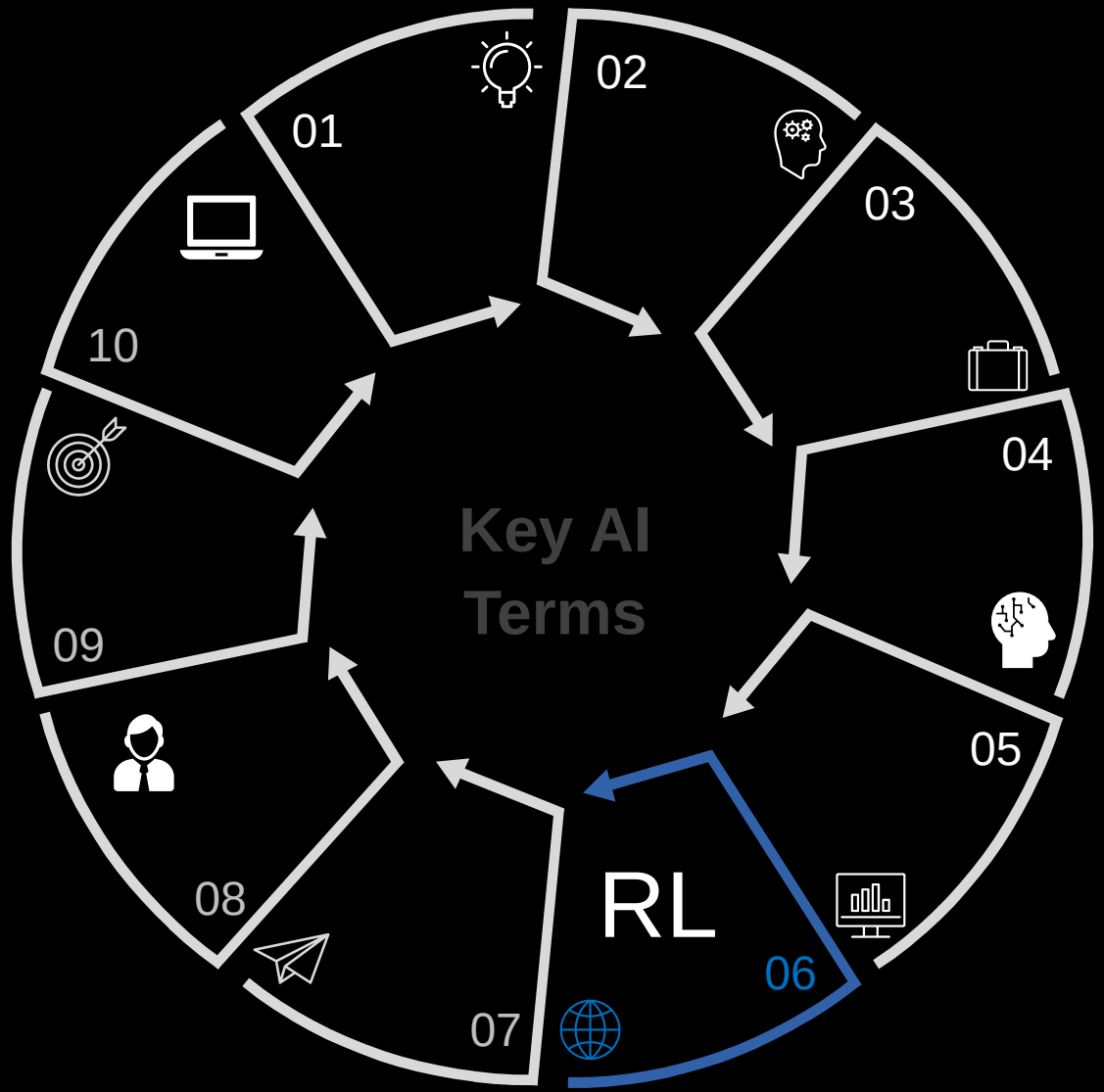
Reinforcement Language



A type of ML where an agent learns to make decisions by interacting with an environment. The agent receives feedback in the form of rewards or penalties.

A robot can learn to walk by trying different movements and receiving feedback when it takes steps in the right direction.

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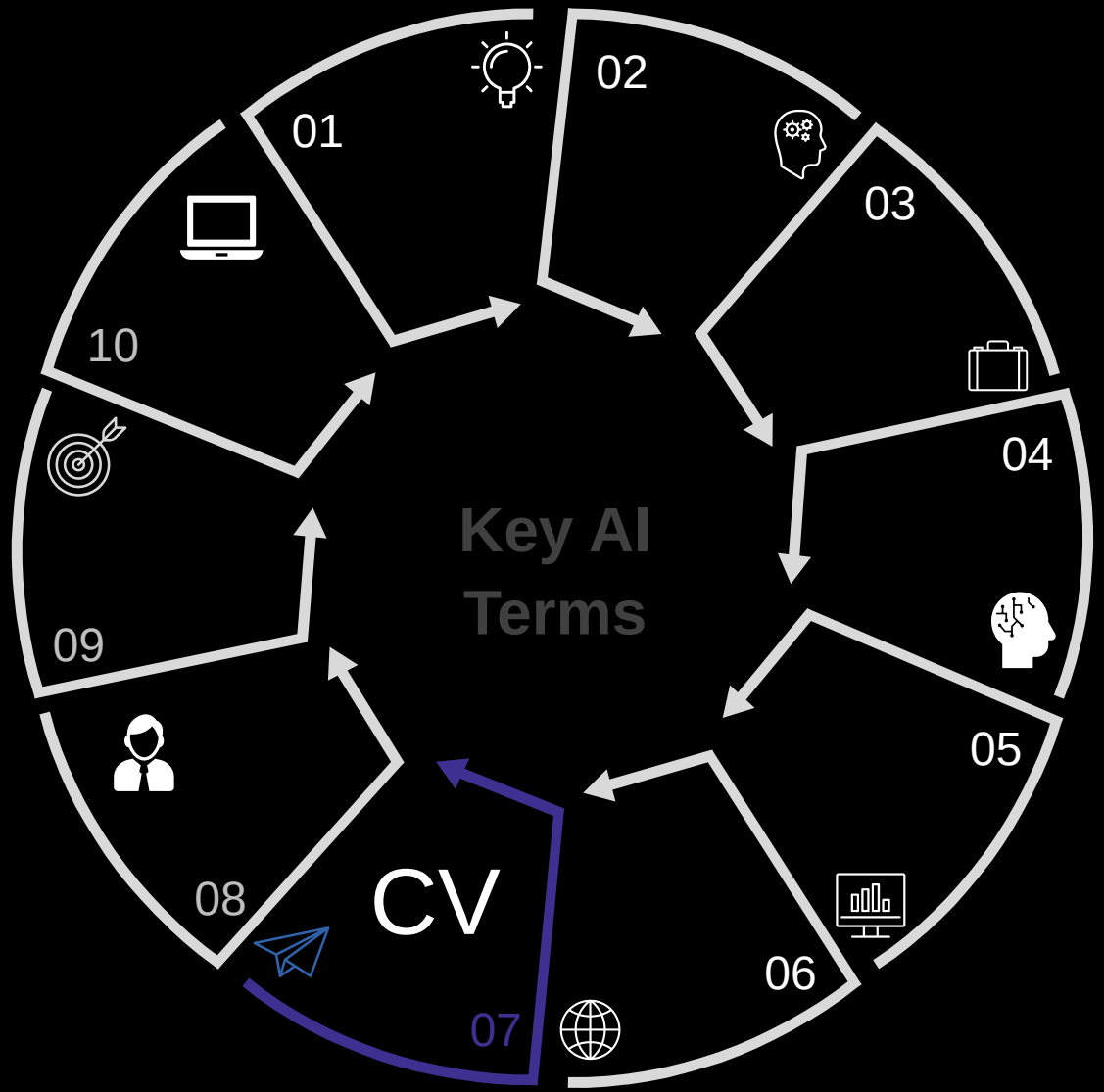
Computer Vision



The type of AI that enables computers to interpret and understand visual information from images or videos.

Self-driving cars use computer vision to perceive the road, detect objects, and make driving decisions.

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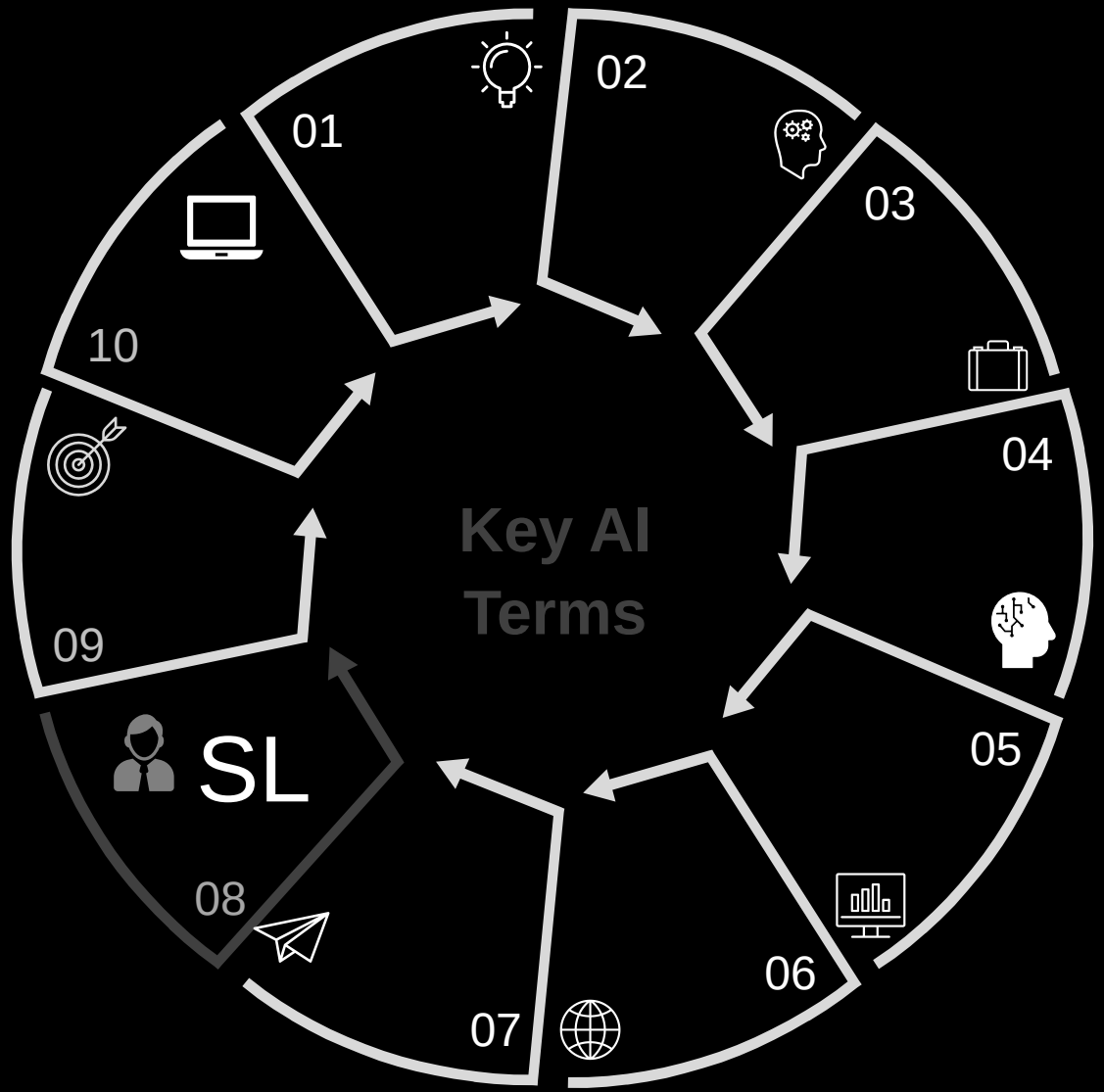
Supervised Learning



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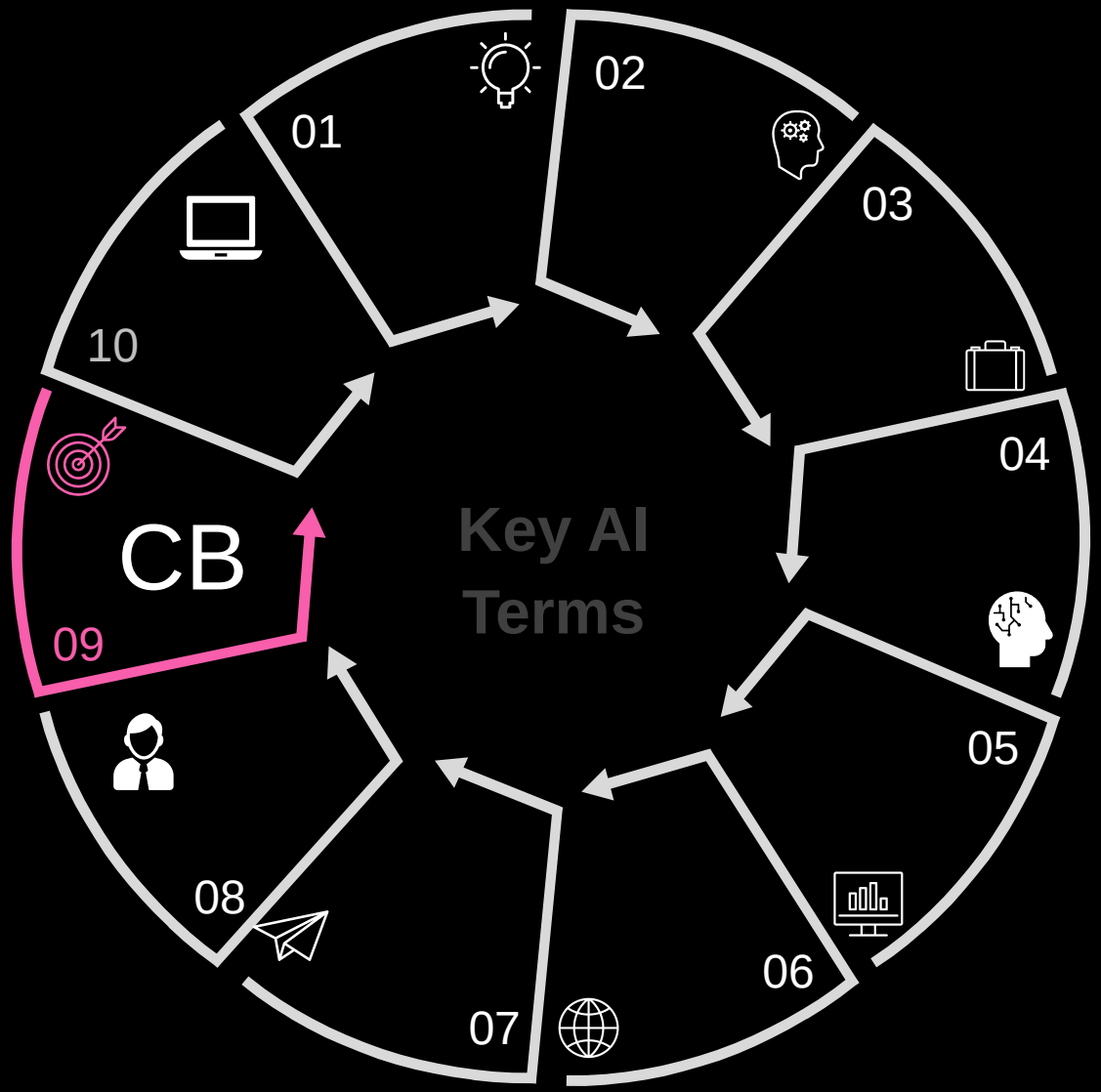
Supervised learning is a type of machine learning where the algorithm learns from labeled examples to make predictions or decisions.

When you mark an email as 'important' or 'scam', the email service learns from those labels to sort incoming emails into right categories.

Chatbots



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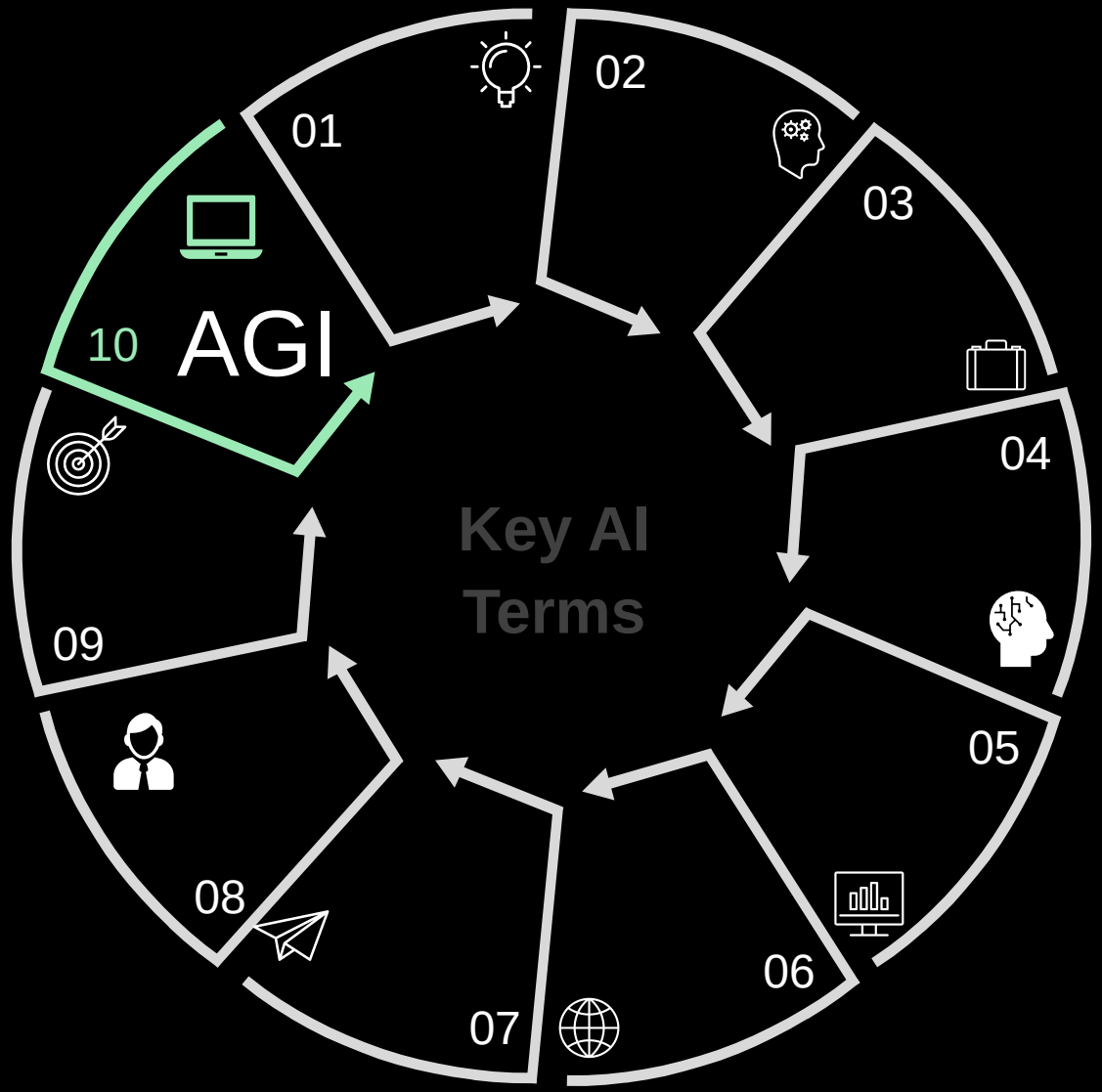
Chatbots are designed to simulate conversation with human users. Chatbots use natural language processing techniques to understand and respond to user queries.

Many businesses employ chatbots for customer support, such as assisting with product inquiries or providing recommendations

Artificial General Intelligence



Highly autonomous systems with human-like cognitive capabilities.

AGI would involve a self-driving car with general intelligence, enabling it to navigate complex and dynamic road conditions, make real-time decisions, adapt to unexpected situations, and interact with other drivers.

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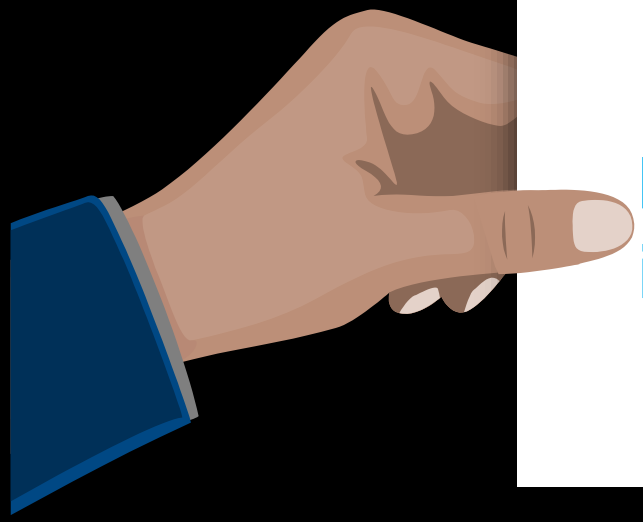

How do you see AI impacting your field?

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👏 Hi, I'm

Naveeta Sehgal

20 years consulting experience in Digital, ML, DL and AI

I help grow your business
grow your career
and grow your network

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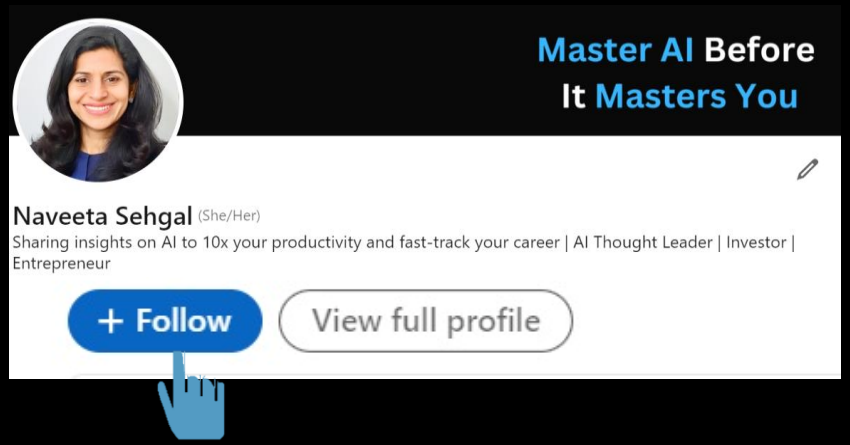
Two Simple Steps to Master AI

1



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