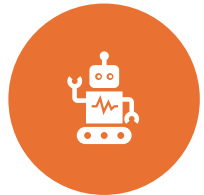

Understanding Key Terms in AI

20 Popular Acronyms in Artificial Intelligence

AI Acronyms (1-5)



AI - Artificial Intelligence: The simulation of human intelligence in machines.



ML - Machine Learning: A subset of AI focused on algorithms that learn from data.



DL - Deep Learning: A subset of ML using neural networks with multiple layers.

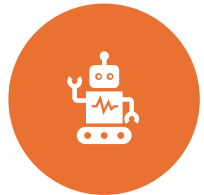


NLP - Natural Language Processing: The interaction between computers and human language.



CV - Computer Vision: Enabling machines to interpret and understand visual information.

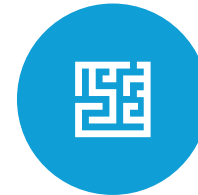
AI Acronyms (6-10)



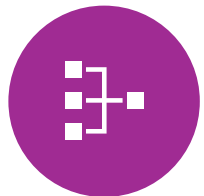
AGI - Artificial General Intelligence: Hypothetical AI with human-like general intelligence.



RL - Reinforcement Learning: A type of ML where agents learn by interacting with their environment.



GAN - Generative Adversarial Network: A class of ML frameworks where two neural networks compete to improve each other.



RNN - Recurrent Neural Network: A type of neural network designed for sequential data.



CNN - Convolutional Neural Network: A type of neural network primarily used for image processing.

AI Acronyms (11-15)



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API - Application Programming Interface: A set of rules that allows different software entities to communicate.



ANN - Artificial Neural Network: A computing system inspired by biological neural networks.



AIM - Artificial Intelligence in Medicine: The application of AI techniques in the medical field.



KB - Knowledge Base: A database used for knowledge sharing and management.



MDP - Markov Decision Process: A mathematical process for decision-making in situations where outcomes are partly random and partly under the control of a decision-maker.

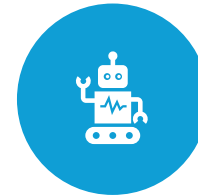
AI Acronyms (16-20)



GPT - Generative Pre-trained Transformer: A type of language model trained on large amounts of text data to generate human-like responses.



LLM - Large Language Model: A model trained on vast amounts of text to perform tasks such as text generation, translation, or question-answering.



RPA - Robotic Process Automation: Software that automates repetitive tasks by mimicking human actions in digital systems.



SVM - Support Vector Machine: A supervised learning model used for classification and regression analysis.



IoT - Internet of Things: The network of physical objects embedded with sensors, software, and other technologies to connect and exchange data with other devices and systems over the internet.

References

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