

AI Terminology Cheat Sheet



The AI Terminology Cheat Sheet is a visual guide designed to simplify and explain essential terms and concepts related to Artificial Intelligence (AI). The aim is to make AI more accessible to business leaders, managers, and professionals who may not have a technical background but want to understand AI terminology relevant to their work.

	Artificial Intelligence (AI)	A branch of computer science focused on creating systems that can perform tasks typically requiring human intelligence, such as visual perception, speech recognition, and decision-making.
	Machine Learning (ML)	A subset of AI where systems learn from data to improve their performance over time without being explicitly programmed.
	Deep Learning	A subset of ML that uses neural networks with multiple layers to analyze and learn from vast amounts of data.
	Neural Network	A series of algorithms modeled after the human brain that are designed to recognize patterns in data.
	Natural Language Processing (NLP)	A field of AI that enables machines to understand and respond to human language, both written and spoken.
	Supervised Learning	An ML approach where a model is trained using labeled data, with the goal of predicting outcomes for new, unlabeled data.
	Unsupervised Learning	An ML method where the model is trained on unlabeled data to identify patterns or groupings.
	Reinforcement Learning	An ML technique where an agent learns to make decisions by taking actions in an environment to maximize rewards.
	Computer Vision	A field of AI focused on enabling machines to interpret and make decisions based on visual data, like images or videos.
	Algorithm	A set of rules or instructions given to an AI system to help it learn from data and make decisions.
	Data Set	A collection of related data that is used to train and test AI models.
	Big Data	Extremely large data sets that can be analyzed computationally to reveal patterns, trends, and associations.

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