

AI Terminology

- AI: The overarching world of Artificial Intelligence, transforming industries.
- ML: Machine Learning's role in shaping intelligent systems.
- NN: Neural networks for human-like thinking.
- ANNs: Mimicking human brain functions for learning.
- Supervised ML: Teaching computers with labelled examples.
- Unsupervised ML: Machines finding patterns without labels.
- Reinforcement Learning: Trial-and-error learning for machines.
- NLP: Tech enabling computers to understand human language.
- Computer Vision: Machines interpreting visual information.
- Chatbots: Conversational AI for customer support and more.
- IoT: Devices connected, sharing data for smart applications.
- Cloud AI: Remote storage, management, and data processing.
- Bias Mitigation: Addressing unintentional biases in algorithms.
- Deep Learning: Core of AI, the building block for intelligent systems.
- Data Mining: Extracting patterns and insights from vast datasets.
- Big Data Analytics: Navigating challenges with massive and diverse data.
- Industry 4.0: Merging AI with physical machines for automation.
- Ethical AI: Ensuring fairness and avoiding bias in AI.
- Knowledge Graphs: Applying knowledge for enhanced AI efficiency.
- Edge AI: Localised AI implementation for efficiency.
- Explainable AI: Making AI decisions transparent and understandable.
- Generative AI: AI creating realistic data through adversarial networks.
- Federated Learning: Localised AI for reduced reliance on centralised servers.
- Responsible AI: Guiding principles for responsible AI development.

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