Useful AI Terminology

AGI: AI that can think like humans.
AI Agents: Autonomous programs that make decisions.
AI Model: A trained system for a task.
AI Wrapper: Simplifies interaction with AI models.
AI Alignment: Ensuring AI follows human values.
Fine-tuning: Improving AI with specific training data.
Hallucination: When AI generates false information.
Chatbot: AI that simulates human conversation.
Compute: Processing power for AI models.
Computer Vision: AI that understands images and videos.
Context: Information AI retains for better responses.
CoT (Chain of Thought): AI thinking step-by-step.
Deep Learning: AI learning through layered neural networks.
Embedding: Numeric representation of words for AI.
Explainability: How AI decisions are understood.
Foundation Model: Large AI model adaptable to tasks.
Generative AI: AI that creates text, images, etc.
GPU: Hardware for fast AI processing.
Ground Truth: Verified data AI learns from.
Inference: AI making predictions on new data.
LLM (Large Language Model): AI trained on vast text data.
Machine Learning: AI improving from data experience.
MCP (Model Context Protocol): Standard for AI external data access.
NLP (Natural Language Processing): AI understanding human language.
Neural Network: AI model inspired by the brain.
Parameters: AI's internal variables for learning.
Prompt Engineering: Crafting inputs to guide AI output.
Reasoning Model: AI that follows logical thinking.
Reinforcement Learning: AI learning from rewards and penalties.
RAG (Retrieval-Augmented Generation): AI combining search with responses.
Supervised Learning: AI trained on labeled data.
TPU: Google's AI-specialized processor.
Tokenization: Breaking text into smaller parts.
Training: Teaching AI by adjusting its parameters. A polite way of saying scraping data from other sources, often without permission.)
Transformer: AI architecture for language processing.
Unsupervised Learning: AI finding patterns in unlabeled data.
Vibe Coding: AI-assisted coding via natural language prompts.
Weights: Values that shape AI learning.