

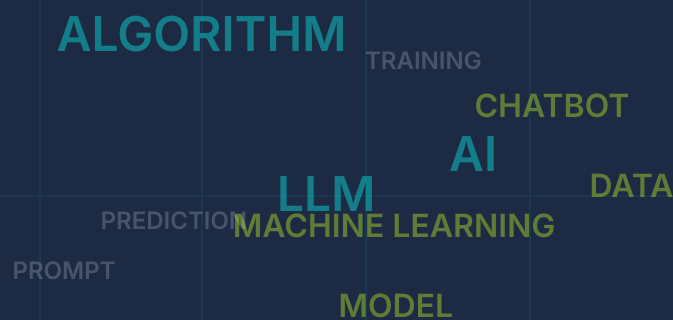



RUDI

INTRODUCTION TO AI VOCABULARY

Essential Terms & Definitions

A foundational glossary of artificial intelligence concepts
designed to build shared understanding and enable
responsible use of digital intelligence



ALGORITHM TRAINING CHATBOT
AI
LLM DATA
PREDICTION MACHINE LEARNING
PROMPT MODEL

Introduction to AI Vocabulary

Responsible Use of Digital Intelligence

Algorithm

A recipe of step-by-step instructions a computer follows to solve a problem.

Artificial Intelligence (AI)

When computers do tasks that usually need human intelligence, like recognizing patterns or making decisions.

Chatbot

A computer program that talks with you in conversation, like texting with a person.

Context and Memory

How AI keeps track of the conversation so it can stay on topic.

Data

The information computers use to learn, like numbers, words, pictures, or clicks.

Face Recognition

AI that can identify people in photos or videos.

Generative AI

AI that can make new things—like text, pictures, or music—rather than just analyzing.

Hallucination

When AI makes something up that sounds real but isn't true.

Large Language Model (LLM)

A powerful AI trained on lots of text so it can understand and produce human-like language.

Machine Learning

Teaching computers to learn patterns from data without being given step-by-step rules.

Model

The trained AI system that can now make predictions or create results.

Prediction

The AI's best guess about what comes next.

Prompt

The question or request you give an AI.

Training

The process of showing an AI lots of examples so it learns patterns.

Voice Assistant

A tool like Siri or Alexa that responds to spoken questions or commands.

Key Takeaways

- ▶ AI systems learn from data and recognize patterns
- ▶ Generative AI can create new content but may "hallucinate" false information
- ▶ Prompts are how we communicate with AI systems
- ▶ Understanding these terms helps us use AI responsibly

"Understanding AI vocabulary is the first step toward responsible digital intelligence."