

ARTIFICIAL INTELLIGENCE (AI)

- Computer systems that perform tasks requiring "human" intelligence, like understanding language, recognizing images, or making decisions.
- You upload a photo to Facebook, and it automatically suggests who's in the picture. That's AI recognizing faces.

ALGORITHM

- A set of rules or instructions a computer follows to solve a problem.
- You type “best Italian restaurant near me” into Google, and an algorithm decides which results appear first.

PROMPT

- The question, instruction, or request given to an AI system.
- You type “Write a recipe for chicken soup using only five ingredients” into ChatGPT.

HALLUCINATION

- When AI provides an answer that sounds plausible but is made up.
- You ask an AI about an event, and it gives you a convincing history despite the fact the event never occurred.

MACHINE LEARNING (ML)

- A method where computers “learn” patterns from data instead of following fixed instructions. Compare to algorithm.
- Your credit card company alerts you to unusual spending. Machine learning noticed a pattern that didn't match your normal habits.

LARGE LANGUAGE MODEL (LLM)

- A type of AI trained on huge amounts of text to generate human-like responses.
- You ask Claude to fact check a news article and point out potential issues.

BIAS

- When AI produces unfair or unbalanced results because of the training data used.
- You ask AI to create a “Florida Woman” images for a joke. All examples show Caucasian women.

CHATBOT

- A computer program that “chats” with people by text or voice to answer questions or complete tasks.
- You go to your bank’s web site and a little window pops up asking, “How can I help you?” That’s a chatbot.

CHAT GPT

- Chatbot Generative Pre-Trained Transformer
- Generative refers to new content
- Pre-Trained refers to absorbing data before release
- Transformer refers to a specific type of neural network

NEURAL NETWORK

- A computer design inspired by the human brain, using layers of connections process information.
- Your phone unlocks when it recognizes your face. That's a neural network.

TRAINING DATA

- The information (books, websites, conversations, images, audio etc.) used to teach an AI system.
- If an AI was trained before 2025, it won't know about this year's news events.

GENERATIVE AI

- AI that creates new things—stories, art, music, or videos—rather than just analyzing information.
- You ask an AI to draw a picture of a cat dressed like a pirate, and it creates one.

DEEPFAKE

- A realistic but fake image, video, or audio created by AI.
- You see a video of a politician saying something outrageous, but it turns out to be a deepfake.

VOICE ASSISTANT

- An AI system you talk to, like Siri, Alexa, or Google Assistant, that responds to commands or questions.
- You say, “Alexa, play Frank Sinatra.”

PRIVACY SETTINGS

- Controls that decide how much personal information an AI system or app collects and stores.
- You adjust Facebook's settings so only friends can see your photos. That's using privacy controls.

SCAMS USING AI

- Fraud using AI to mimic voices, write convincing emails, or create fake images.
- You get a phone call that sounds exactly like your grandson asking for money, but it's an AI-generated fake voice.