

Definitions of Key AI Technology Terms

OSPI AI Advisory Group

Audience: Education Leaders

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Term	Definition	Resources
Algorithm	An algorithm is a structured series of steps or rules formulated to process information and achieve desired outcomes.	Explainer: What Is an Algorithm?
Artificial Intelligence (AI)	Artificial Intelligence (AI) is a computer system that can learn, make decisions, and perform tasks typically needing human intelligence.	What is Artificial Intelligence?
Large Language Model	Large Language Models are advanced AI systems designed to understand, interpret, and generate human language, images, audio and video products.	How Chatbots and Large Language Models Work
Generative AI	Generative AI is an AI algorithm capable of creating text, images, videos, or other content using generative models, in response to prompts.	Generative AI: what is it good for?
GPT AIs	<p>“GPT” (generative pre-trained transformer) includes: ChatGPT, ImageGPT, MusicGPT, VideoGPT and more to come.</p> <p>Generative: The AI generates materials based on an input.</p> <p>Pre-Training: The AI is pre-trained on a set of data (Large Language Model)</p> <p>Transformer: The underlying technology code and algorithm that makes the AI work in a particular way.</p>	

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Human empowerment (AI)	Humans use AI technologies to enhance human capabilities, well-being, and autonomy, ensuring that AI systems are designed to support, augment, and elevate human abilities, experiences, and values across diverse domains of life.	The Future of Human Empowerment
Algorithmic Bias	Algorithmic bias is the systematic and unfair distortions in the output of algorithms.	Machine Learning and Human Bias
Hallucination (AI)	AI hallucination is the phenomenon where AI systems produce fabricated or inaccurate information.	Why Large Language Models Hallucinate
AI Ethics	AI ethics are the set of guiding principles that stakeholders use to ensure artificial intelligence technology is developed and used responsibly.	Ethics of AI: Challenges and Governance