

Vocabulary for A.I. Studies - CM412: Digital Communication
Limestone University

TERM	DEFINITION	CONTRIBUTOR
Generative AI	Generates new original content instead of finding or using existing content	Madi
Prompt engineering	crafting effective prompts that guide AI models to generate specific outputs	Avery
Back propagation	training AI by adjusting biases to reduce difference in expected and actual output	Avery
AI	Artificial intelligence; machine learning, computer vision	Madi
GPT	Generative, Pre-trained, Transformer	Madi
Large Language Models (LLMs)	A type of generative AI that can communicate using normal human language. Artificial neural network.	
Neural network	Only deal with numbers. a method in artificial intelligence (AI) that teaches computers to process data in a way that is inspired by the human brain.	Bam
Parameters	Numbers that neural networks deal with	Madi
P (chatGPT)	P stands for pretraining	Bam
Reinforcement Learning with Human Feedback	Human training that involves thousands of hours of humans testing and evaluating output from the model and giving feedback.	Madi
Text-text	Generate text output	Bam
Text-image	generate images based on textual descriptions. Users can specify a style for the generated image	Madi
Image-to-image	models transform or combine existing images	
Emergent capabilities	Are abilities that AI has that the user did not	

	see.	
Speech-to-text	create voice transcriptions	
Text-to-audio	generate music or sounds from a text prompt	
Text-to-video models	generate videos from a prompt	
Prompt Engineering/Prompt Design	The skill of crafting effective prompts that produce useful results from an AI model.	
hallucination	when AI generates the wrong information or errors due to the limitations of its training	Avery
APIs	Application Programming Interfaces. Allow your code to talk to the model.	
Autonomous agents	AI that is able to work without human interaction and create tasks for itself	Avery