CYBER RESEARCH

AI Capability/Functionality Chart

Not all AI is built the same.

This chart shows examples of systems across different levels of capability and functionality, from reactive, task-specific tools to conceptual models of general and self-aware intelligence. It's a snapshot of how far AI has come, and how far it could go.

AI Capability			
	Narrow *specialized tasks*	**General** *human-like*	**Super** *beyond human intelligence*
Reactive *acts on current data*	Performs a specific task by reacting only to the current situation. Ex: Spam filters		
Limited Memory *learns from past data*	Uses past data to inform decisions of a single task. Ex: Self-driving cars	Mimics human intelligence by learning and adapting behaviors over time. *Ex: Agentic AI*	
Theory of Mind *understands emotions*	Understands human intent within a specific context Ex: Virtual Assistants		
Self-aware *conscious/sentient*			

AI Functionality (vertical axis label)

☐ - No current capability or functionality.