
















INTEGRATED AI: AMPLIFYING & REPLACING. 2022–

Industry/Role	Technology	Example	Amplifying	Replacing
Administrative/Support ¹	LLM	Quickchat.ai (GPT-3)...	 4x	
Education/Teaching	LLM	WorkBionic.com (GPT-3)...	 3x	
IT/Software development ¹	LLM	GitHub Copilot (Codex)...	 2x	
Manufacturing	Robotics/Automation	Siemens ...	 x	
Media/Graphic design	Text-to-image	Stable Diffusion ...	 4x	
Media/Writing	LLM	Jasper.ai (GPT-3)...	 3x	
Professional services/Acct/Bookkeeping ¹	LLM	SambaNova.ai (GPT)...	 2x	
Professional services/Legal/Paralegal ¹	LLM	ROSS Intelligence (GPT-3)...	 4x	
Retail/Cashier	Automation	Amazon One + Go ...	 x	
Transportation and Warehousing	Robotics/Automation	Amazon Robotics ...	 x	

Selected highlights only. Sources: 1 = ARK Investment (2022). https://research.ark-invest.com/hubfs/1_Download_Files/ARK-Invest/White_Papers/ARK_BigIdeas2022.pdf, McKinsey (2017). https://www.mckinsey.com/-/media/mckinsey/featured%20insights/digital%20disruption/harnessing%20automation%20for%20a%20future%20that%20works/mci-a-future-that-works_full-report.pdf, Other role metrics estimates only, Alan D. Thompson, August 2022, <https://life architect.ai>

