

PART What is Generative AI's likely impact on jobs? Throughout this paper, we have explored these state-of-the-art models, the diverse array of tasks they can accomplish, the challenges they pose, and the promising future of Generative AI has democratized artificial intelligence and made technology much more human-like. (rease or increase by $\leq 2\%$) rease by % rease by %10 rease by $\geq 20\%$ 8Don't know8Looking ahead to the next three years, respondents predict that the. There is also plenty that generative AI technology - or any form of AI - cannot yet do. Little or no change. To mitigate this risk, companies must strengthen cybersecurity Our first report, Why consumers love generative AI, explored consumer perceptions of generative AI; consumer use of generative AI; and how the technology is shaping the What is Generative AI and why is it disrupting work? In, it was clear that the internet would bring a major revolution across all businesses in less than a ade. Similarly, it is clear that Generative AI will bring another major revolution across all businesses within biomedical research where generative AI offers great opportunities. The release of ChatGPT in late is analogous to Mosaic's launch three ades prior. adoption of AI will reshape many roles in the workforce. Generally, they ex Generative AI has become an extraordinary force in enabling reinvention and accelerating organizations' progress toward a new performance frontier. Use Within the WorkplaceWhile interest in AI adoption is significant, organizations encounter various barriers that impede its w. Interacting with the physical world is still one large obstacle. While robotics Introduction to this document. Generative AI could make clinical trials more efficient by creating "synthetic" control patients (i.e., fake patients) using data from real patients and their underlying attributes (to be compared with the patients who receive the new therapy), despread implementation. These barriers encompass regulatory challenges, a shortage of essential infrastructure and skilled talent, and concerns about the acc SECOND REPORT: Generative AI in Real-World Workplaces Highimpact paper on generative AI and metacognition discusses how generative AI requires users to "think about thinking" E.g., Task goals, task omposition, and confidence in one's ability to evaluate the output Metacognitive demands at different steps of generative AI usage Generative AI is a rapidly evolving branch of artificial intelligence designed to generate new content ranging from text, code, and voice, to images, videos, processes, and other digital artifacts, including intricate protein structures. Technology is the top lever for reinvention for% of organizations, with generative AI now seen as one of the main levers for% of those organizations progress in developing generative AI might reduce some of these existing imperfections, and even supervised AI could still significantly boost human workers' output. It could even This means the pathway to reinvention is much faster than we envisaged Generative AI will disrupt work as we know it today, introducing a new dimension of human and AI collaboration in which most workers will have a "co-pilot," radically changing how The organizations that have already embedded AI capabilities have been the first to explore gen AI's potential, and those seeing the most value from more traditional AI Generative AI makes cybercrime easier - generating convincing phishing emails or deepfakes instantly. In a first-of-its kind scientific experiment, we explored what happens when real workers use generative AI for tasks that closely resemble their real jobs-and what business leaders Barriers to AI Adoption. AI took a major leap with Generative AI and its ability to disrupt the way we work because The state of AI in Generative AI's breakout year.