

# Impact of New Technology Use on Workforce: Exploratory Analysis

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## Abstract

As new technologies continue to evolve and take center stage in organizations, workers will experience disruption and change. They might wonder what the future holds for them. This study presents an exploratory analysis on the impact of new technologies such as artificial intelligence, cloud-based computing, and robotics on the US workforce. Findings reveal that a majority of US companies which deploy these technologies do not report a decrease in the number of workers employed. In fact, more workers are employed after the technologies are utilized. Additionally, most companies report an increase in the skill level of their workforce. Practical and academic implications are also discussed.

**Keywords:** Artificial intelligence, cloud-based, robotics, technology, workforce

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