

# 10 Ways AI Amplifies Worker Productivity

AI's role as a catalyst to boost worker productivity and create new jobs is tantalizing and right at your enterprise doorstep. Here are 10 ways AI can augment the workforce by freeing up your workers' time to focus on more valuable tasks.

**80%**

Gartner® Says "More Than 80% of Enterprises Will Have Used Generative AI APIs or Deployed Generative AI-Enabled Applications by 2026"

**37%**

of growth is expected annually for AI from 2023 to 2030.

**12+**

million additional AI jobs are expected to be created by 2025.

**64%**

of business owners expect AI to increase productivity.

**100%**

of organizations say they will require additional skills to support AI initiatives in the next 12 months.

\*Gartner Says More Than 80% of Enterprises Will Have Used Generative AI APIs or Deployed Generative AI-Enabled Applications by 2026, 11 October 2023

## 01 Video Inferencing

Analyzing and interpreting video data in real time

Example: Fraud detection at self-checkouts allows workers to manage and monitor multiple kiosks simultaneously.

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## 02 Process Automation

Optimizing business processes and workflows

Example: Predictive maintenance for equipment and tools reduces the number of regular inspections.

## 03 Technical Support

Providing faster and more effective support to improve the customer experience

Example: Knowledge base search tools enable helpdesk personnel to respond quickly to highly specific questions for internal and external users.

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## 04 Software Development

Generating code and automating throughout the software development lifecycle

Example: Code generation and bug prediction software empower developers to produce more intelligent, secure, and high-quality code.

## 05 Risk Assessment

Detecting and predicting threats, trends, and human behavior

Example: Automated personally identifiable information (PII) detection reduces the need for manual testing and scanning of data sets.

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## 06 Cybersecurity

Performing out-of-box tasks to enhance cybersecurity software

Example: Streamline cybersecurity vulnerability assessments to reduce human effort and false results from manual analyses.

## 07 Research and Development

Creating new products and services based on large data sets

Example: Discover and develop new pharmaceutical drugs in far less time compared with traditional processes.

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## 08 Content Search

Executing search functions based on semantic data models

Example: Workers can streamline legal searches, analyses, and document production to increase efficiency, productivity, and accuracy.

## 09 Customer Relations

Uncovering common customer issues, enhancing customer service

Example: With customer analytics at hand, support agents can quickly produce recommendations and solutions for specific issues.

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## 10 Conversational Analysis

Leveraging sentiment analysis to gain insights on customer behavior

Example: Analyzing chat and call data enables organizations to identify and eliminate roadblocks during customer service calls.

Nutanix can jumpstart your AI transformation with optimal infrastructure that delivers control, privacy, and security to maximize your AI success.

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