

# NTT DATA Technology Foresight 2025

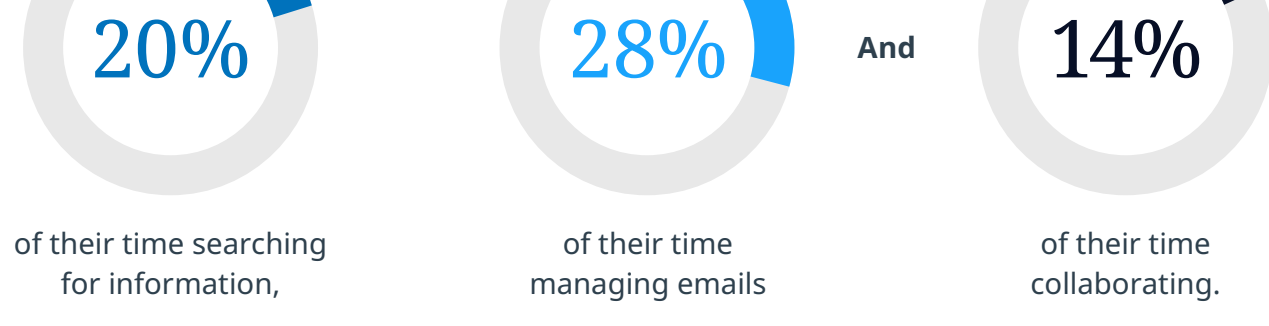
Enhanced humans: the next frontier in human-AI enablement

“ Imagine a future where your potential isn’t limited by time, task or knowledge.

**Enhanced humans:** the amplification of human abilities through synergistic collaboration between people and machines, using technologies such as AI, machine learning and automation.

## Reducing the time employees spend daily on nonproductive activities

Every day, the average employee spends



€ 1.5 million

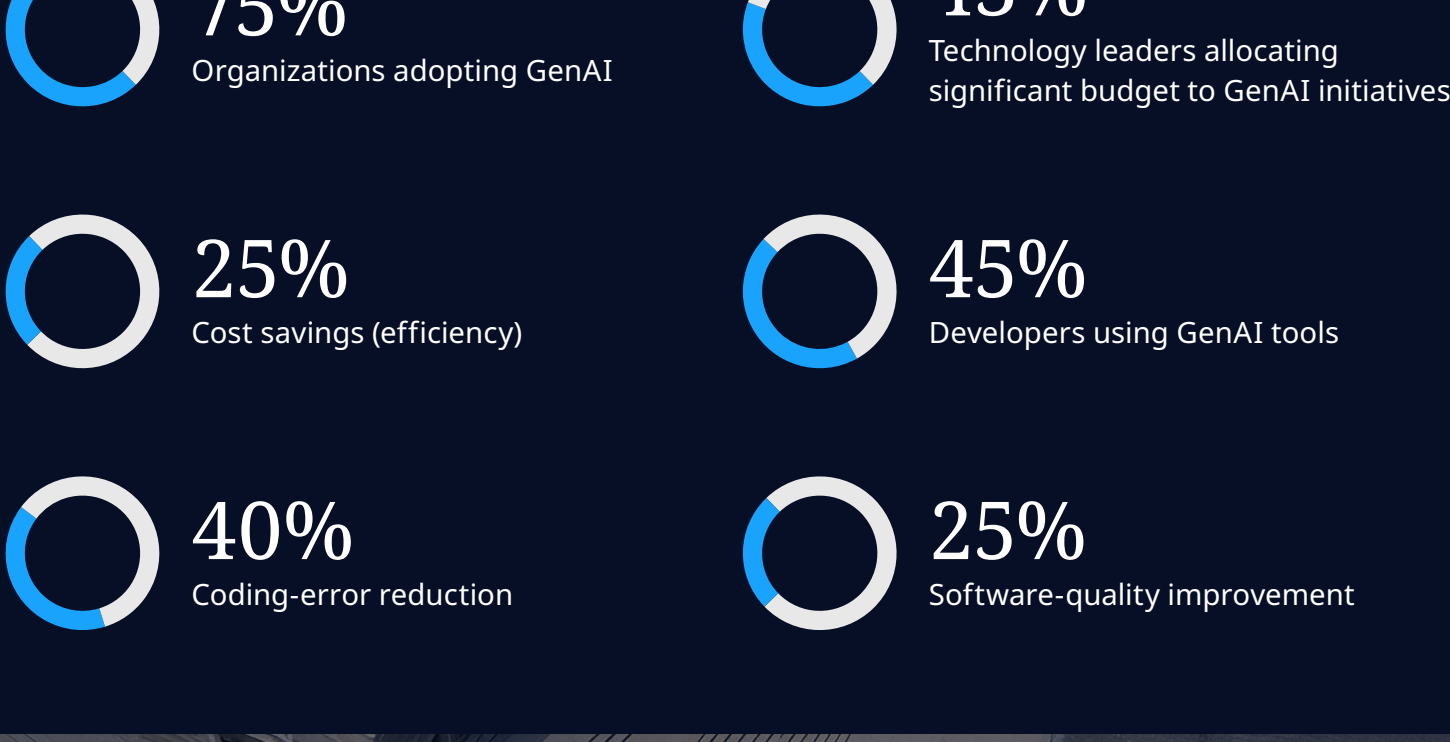
The savings an organization with 1,000 employees could realize annually by reducing the time people spend on searches by 30 minutes daily.

## Benefits to organizations

- Boost employees’ productivity
- Improve the quality of their outputs
- Equip them with skills to handle more complex and value-generating tasks



## Adoption rates and benefits

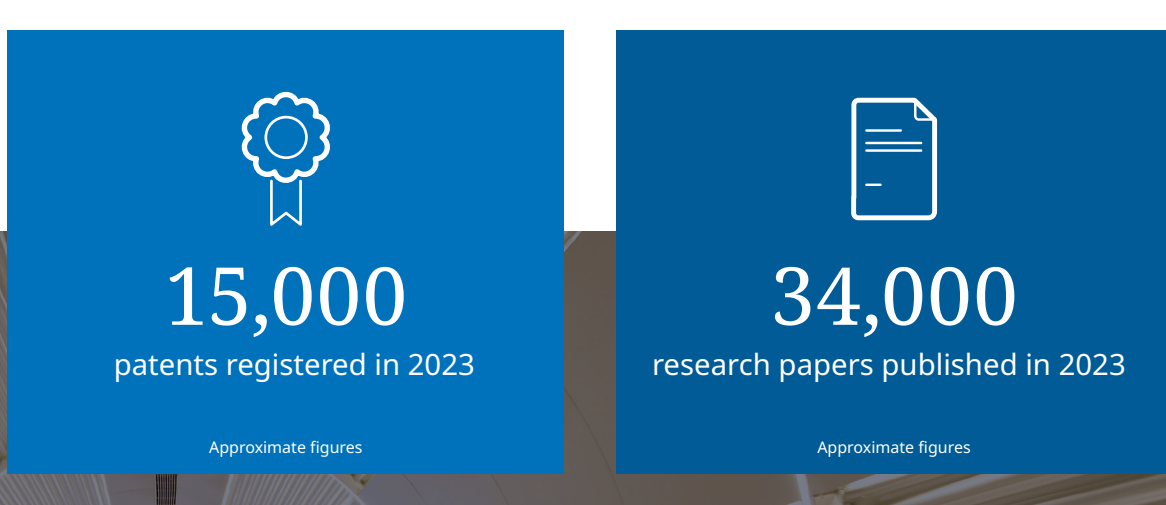


## Technological advances to monitor

Technologies steadily enabling the integration of AI into daily work:

- Large language models (LLMs)
- GPT models
- OpenAI’s o1 model
- Retrieval-augmented generation (RAG)
- Digital humans (also called AI avatars)

## Research and development



## Strategies for success

- 1 Deploy safety and compliance guardrails.
- 2 Prioritize organizational enablement for AI adoption.
- 3 Make AI assistants part of daily life.
- 4 Welcome AI as a partner in software development.

## Spotlight on: GenAI in software development

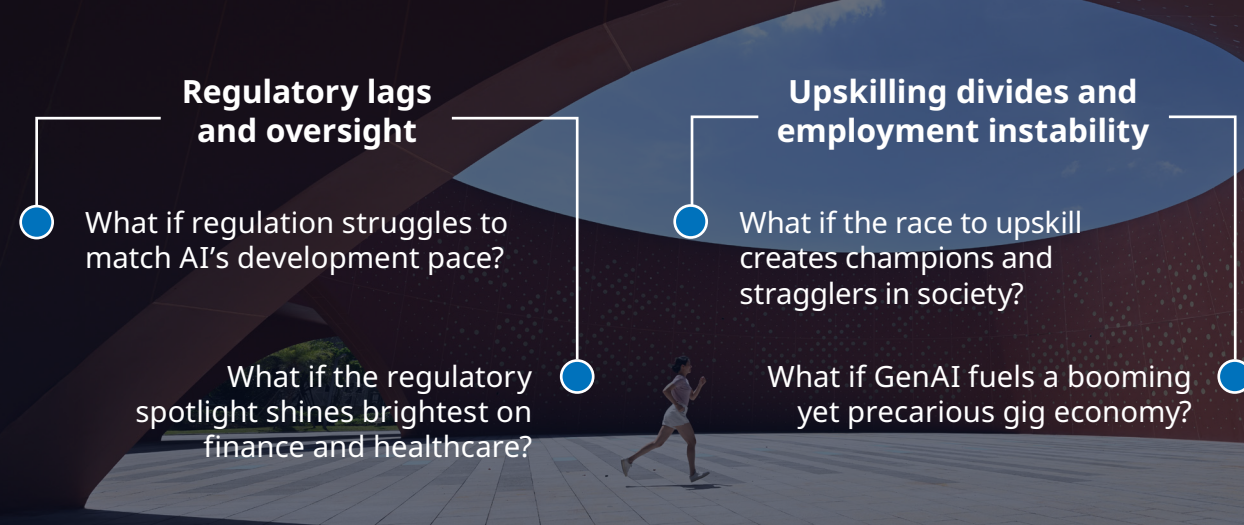


## Future scenarios and GenAI-powered personas can help organizations:

- Explore the possibilities of what lies ahead
- Simulate realistic business environments
- Minimize risk through scenario-based planning

## Navigating blind spots: what if ...?

Like almost every technological breakthrough, enhanced-human technology comes with uncertainties:



## Where to next?

- Constantly adapt and integrate the latest tools and techniques.
- Deploy transparent and explainable AI systems that comply with new laws.
- Critical thinking and targeted questioning remain essential.
- Establish clarity on the ownership of AI models.
- Ensure the value generated by AI services is shared.

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