

## **AI Use Case Analysis: Global Outlook**

Market Research Report | 2025-08-27 | 88 pages | BCC Research

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### **Report description:**

#### Description

#### Report Scope

This report provides an in-depth examination of the current and future landscape of AI applications. Its multi-dimensional analysis addresses both the technological advances driving AI and the many ways these advances are being leveraged across various industries and by emerging businesses. This report:

- Explores the latest and emerging AI technologies, offering a detailed review of innovations such as GenAI, edge AI, XAI, quantum ML and LLMs and explaining their significance in the evolving AI ecosystem.
- The study includes AI use case analysis by technologies, where practical applications of AI are explored across a spectrum of underlying technologies, including robotics, cybersecurity, digital twins, XR, AR, VR, blockchain, IoT and edge computing. It presents the problems that AI solves within each technological context, the solutions implemented and the resulting outcomes.
- AI use case analysis by industry covers healthcare, finance and banking, logistics, retail and e-commerce, education and edtech, media and entertainment, telecom, oil and gas and others (including agriculture, aerospace and defense, automotive, manufacturing and mining).
- Includes a section on AI use case analysis for startups. It examines how nascent companies are deploying AI for operational efficiency, product innovation and compliance.
- Offers a future perspective on AI use cases, analyzing how AI applications will continue to evolve and reshape industries and technologies, emphasizing areas such as robotics and cybersecurity.

#### Report Includes

- A brief general outlook of the AI use-case scenarios across industries or applications with problems, solutions and results achieved
- Key success factors for AI from use-case analysis
- Technology-specific AI use case analyses for robotics, cybersecurity, digital twin, AR/VR, blockchain, edge computing, and IoT technologies

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- Use-case analysis for startups, including operational, product development and innovation, and infrastructure and compliance
- Case studies on AI implementation to improve business processes and for products and service innovation
- Insights into future AI adoption plans of key companies across different sectors, and projections and growth forecasts
- Expert quotes on AI use cases from primary respondents

## Executive Summary

### Summary:

This report provides an overview of the evolving artificial intelligence (AI) landscape. It covers emerging AI technologies and their applications and use cases in several industry verticals. The report explores latest AI advances, such as GenAI, edge AI, XAI and quantum ML, to analyze specific AI use cases across a range of technologies, describing the problems addressed, the solutions offered and the tangible outcomes.

This report provides an in-depth examination of the current and future landscape of AI applications. Its multi-dimensional analysis addresses both the technological advances driving AI and the many ways these advances are being leveraged across various industries and by emerging businesses. This report -

- Explores the latest and emerging AI technologies, offering a detailed review of innovations such as GenAI, edge AI, XAI, quantum ML and LLMs and explaining their significance in the evolving AI ecosystem.

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