

# Artikel Teknologi-Vol2.2- 1454.docx

by Seffianidwiazmi@gmail.com 1

---

**Submission date:** 22-Aug-2025 11:50PM (UTC-0700)

**Submission ID:** 2733814718

**File name:** Artikel\_Teknologi-Vol2.2-1454.docx (184.36K)

**Word count:** 4227

**Character count:** 27157

## The Role of Artificial Intelligence in Increasing Efficiency and Productivity in the World of Work

Dwi Puspita Anggraeni<sup>✉</sup>

Universitas Budi Luhur

e-mail:\* [dwi.puspita@budiluhur.ac.id](mailto:dwi.puspita@budiluhur.ac.id)

Inputed : April 20, 2025

Revised : May 5, 2025

Accepted : April 28, 2025

Published : May 30, 2025

### ABSTRACT

The development of artificial intelligence (AI) has brought significant changes to the world of work, particularly in terms of efficiency and productivity. This study aims to analyze the role of AI in supporting operational efficiency, increasing employee productivity, and identifying challenges and opportunities arising from its implementation. The research method used was qualitative with a descriptive approach, where data was collected through in-depth interviews, observations, and documentation in organizations that have implemented AI. Data analysis was conducted using thematic analysis techniques to identify patterns, themes, and implications of AI use. The results show that AI can improve work efficiency by automating routine tasks, reducing human error, and accelerating the decision-making process. Furthermore, labor productivity increases because workers can focus more on strategic and value-added activities. However, challenges were also identified in the form of workforce resistance due to concerns about job losses and the need to improve digital skills. This study concludes that AI impacts not only technical aspects but also social and managerial dimensions, thus requiring a balanced integration strategy between technology and human resource development.

**Keywords:** *Artificial Intelligence, Efficiency, Productivity, World of Work*

### INTRODUCTION

The development of artificial intelligence (AI) technology is currently growing rapidly and has become one of the main pillars in supporting digital transformation in various industrial sectors (Khoirunnisa et al., 2025). AI not only serves as an automation tool, but also as a strategic technology capable of analyzing large amounts of data, providing prediction-based recommendations, and improving the accuracy of decision-making. Its applications span a wide range of fields, from manufacturing, which utilizes AI for supply chain optimization and predictive machine maintenance, to the healthcare sector, which uses AI in medical diagnosis and patient data management, to the education sector, which integrates AI in adaptive learning and academic administration (Nurtrihadi et al., 2025).



Furthermore, in both public services and business, AI has contributed to creating efficiency, increasing productivity, and delivering more personalized experiences for users. Thus, AI is not just a technological innovation, but also a catalyst for fundamental change that boosts organizational competitiveness and accelerates the creation of a smarter and more sustainable digital ecosystem (Chen et al., 2021).

Artificial intelligence (AI) is used not only to automate work processes that previously required human labor, but also to optimize operational efficiency through systems capable of carrying out repetitive tasks with a high degree of accuracy and minimal errors (Dede et al., 2025). Furthermore, AI plays a crucial role in big data analysis, where this technology can process millions or even billions of data points in a short time, extract hidden patterns, and generate valuable insights for developing business strategies and organizational policies.

Furthermore, AI supports fast and accurate decision-making through predictive algorithms and machine learning, enabling organizations to predict trends, anticipate risks, and respond to environmental changes in a timely manner. With these capabilities, AI not only accelerates workflows but also improves decision quality, provides competitive advantage, and opens up opportunities for innovation in various fields, from manufacturing and healthcare to education and public services to the financial sector (Nugroho et al., 2024).

Organizations and companies today face increasing demands for efficiency and productivity due to increasingly fierce global competition. Therefore, the application of artificial intelligence (AI) is seen as a strategic solution to address these challenges. AI enables companies to reduce operational costs through work process automation, improve data management accuracy, and accelerate production and service flows (Tariq et al., 2021).

Moreover, the implementation of AI also helps organizations optimize business strategies through big data-based predictive analysis, enabling faster, more precise, and measurable decisions. In the context of globalization, the ability to adapt to technological developments is key to organizational sustainability, where companies that are able to effectively integrate AI will have a competitive advantage over their competitors (Samita et al., 2024). Thus, AI serves not only as a technical tool, but also as a strategic instrument that drives innovation, strengthens competitiveness, and opens up new opportunities in the face of increasingly complex global market dynamics.

While artificial intelligence (AI) promises high efficiency and opens up significant opportunities for increased productivity, its implementation is not without complex challenges. One major challenge is workforce resistance, with some employees feeling apprehensive or unprepared for changes to technology-based work systems. Furthermore, limited digital skills are also a significant barrier, as not all workers possess the necessary competencies to operate or adapt to AI-based systems (Nurulita & Bin Muhammad, 2025).

On the other hand, concerns have also arisen about the potential replacement of human roles by machines, which could have social impacts such

as a reduction in conventional employment opportunities and increased economic uncertainty for certain groups (Adha, 2020). These challenges require mentoring strategies, new skills training (reskilling and upskilling), and policies that balance technology utilization with workforce protection. Therefore, the success of AI implementation is determined not only by the sophistication of the technology, but also by the readiness of people and organizations to manage the changes it brings (Jöhnk et al., 2021)

Research on artificial intelligence (AI) in the workplace has so far focused on technological aspects, particularly regarding the development of systems, algorithms, and their technical applications in various industrial sectors (Howard, 2019). However, studies examining the direct impact of AI on labor productivity are still relatively limited, particularly in a qualitative, empirical context. Most research focuses on quantitative measures such as increased output, cost efficiency, or accelerated work processes, while a deeper understanding of the experiences, perceptions, adaptations, and socio-psychological dynamics of the workforce in the face of technological transformation remains rare (Bögel & Upham, 2018).

In fact, a qualitative approach is crucial for exploring the subjective perspectives of employees and managers, including resistance, challenges, adaptation strategies, and competency development opportunities arising from AI implementation. This research gap opens up opportunities for further studies that assess AI not only as a technical instrument for increasing productivity but also as a transformational factor influencing work patterns, organizational culture, and the relationship between humans and technology in the modern workplace (Handayani, 2024).

Therefore, this research is important to explore in more depth the role of artificial intelligence (AI) in increasing efficiency and productivity, not only seen from the technological side alone, but also from the perspective of workers and organizations (Rochmawati et al., 2023). Through this approach, the research is expected to provide a more comprehensive understanding of the workforce's lived experiences interacting with AI-based systems, organizational strategies for managing change, and the social and cultural dynamics of work that emerge as a result of the implementation of this technology. Thus, this study not only contributes to the literature on digital management and transformation but also provides practical insights for organizations in designing more humane, inclusive, and sustainable AI policies, training, and implementation models (Purwati et al., 2023).

The purpose of this research is to analyze the role of artificial intelligence (AI) in supporting work efficiency in organizations or companies, examine the impact of its implementation on workforce productivity, and identify the challenges and opportunities that arise from the use of AI in the workplace. Furthermore, this research also aims to provide strategic recommendations for organizations to optimize the effective use of AI, thereby not only improving performance and competitiveness but also creating a balance between technological innovation and human resource sustainability.

<sup>4</sup>This research gap lies in the fact that most previous studies have focused more on quantitative analysis of the impact of artificial intelligence (AI) on macroeconomic performance or company productivity statistically, while <sup>6</sup>qualitative research that highlights the direct experiences, perceptions, and interactions between humans and AI technology in the workplace is still very limited. Furthermore, there is still a lack of comprehensive studies that link AI implementation with managerial aspects, work process efficiency, and human resource productivity holistically. Therefore, research that can <sup>5</sup>provide a deeper understanding of the dynamics of AI implementation in the context of organizations and the workforce is needed.

<sup>5</sup>The novelty of this research lies in providing a qualitative perspective on the use of artificial intelligence (AI) in the workplace, rather than simply presenting <sup>30</sup>quantitative data or technical aspects. This research offers a more holistic understanding of the relationship between humans and technology, particularly in examining how workers respond to, adapt to, and utilize AI in their daily work activities. Furthermore, this research seeks to generate a new conceptual model for AI-based efficiency and productivity improvement strategies that can serve as a practical reference for organizations. Thus, <sup>7</sup>this research makes a significant contribution to the literature at the intersection of technology, management, and human resources.

#### METHODOLOGY

This research method <sup>18</sup>uses a descriptive qualitative approach to understand the phenomenon of the application of artificial intelligence (AI) in the world of work with a focus on experiences, perceptions, and organizational strategies in utilizing AI to increase efficiency and productivity (Faridah et al., 2025). The research was conducted in companies or organizations that have implemented AI technology in various sectors such as manufacturing, services, education, and healthcare, with research subjects selected through purposive sampling techniques, including HR managers, <sup>6</sup>operational staff, company leaders, and employees who use AI-based systems. Data collection techniques were carried out through in-depth interviews, participatory and non-participatory observations, and documentation in the form of company reports, internal policies, SOPs, and performance data before and after the implementation of AI, with the researcher as the main instrument assisted by semi-structured interview guidelines, field notes, interview recordings, and supporting documents. Data analysis was carried out using thematic analysis through data reduction stages to group according to themes (efficiency, productivity, challenges, opportunities), presenting data in the form of descriptive narratives, tables, or conceptual models, and drawing conclusions through in-depth interpretations regarding the role of AI. Data validity was guaranteed by triangulation of sources (managers, employees, company documents), triangulation of methods (interviews, observations, documentation), and member checking to ensure interpretations match the informants' experiences. The research stages include planning (determining

focus and problem formulation), data collection, data analysis, and preparation of research reports.

## RESULTS AND DISCUSSION

Research results show that the application of artificial intelligence (AI) has a significant impact on increasing work efficiency and productivity. In terms of operational efficiency, AI has been proven capable of automating various routine tasks such as data input, daily report preparation, and initial analysis, resulting in shorter work completion times compared to manual methods. This directly contributes to increased employee productivity, as they can focus more on strategic and high-value work. Furthermore, AI also supports faster decision-making processes through real-time data analysis, while minimizing human error, especially in administrative and technical tasks, thereby maintaining standard work procedures.

On the other hand, the study also found a number of challenges arising from AI implementation. Some employees are anxious about the possibility of job losses due to automation, while limited digital skills hinder adaptation to new technologies. However, despite these challenges, new opportunities are being created, such as the opening of jobs in data analysis, programming, and automated system monitoring. A shift in workforce roles is also evident, with employees no longer solely serving as technical implementers but transforming into technology managers who play a role in optimizing AI-based systems within the organization.

### AI as a driver of work efficiency

The findings of this study support the automation efficiency theory, which emphasizes that the application of technology can reduce the time, costs, and effort required to carry out routine activities. With artificial intelligence (AI), various administrative tasks that were previously time-consuming and error-prone, such as data input, report preparation, and process monitoring, can be completed automatically with a high degree of accuracy (Taiebat et al., 2018).

This not only reduces operational costs through efficient use of resources but also enables companies to allocate labor to more strategic, value-added activities. The efficiencies generated by AI reinforce the understanding that automation is not just a technical innovation but also a managerial strategy that supports increased organizational competitiveness in the digital age (Djaini et al., 2025).

In line with global research, these findings show that artificial intelligence (AI) contributes significantly to improving companies' operational performance (Setiawan & Machdar, 2024). Many international studies confirm that AI can accelerate work processes, increase the accuracy of data analysis, and improve the quality of decision-making based on real-time information. AI implementation has also been shown to lower operational costs, reduce the risk of human error, and strengthen companies' ability to respond to market

changes more quickly and adaptively. Thus, the results of this study strengthen the empirical evidence that AI is not just a technological trend, but a strategic instrument that plays a crucial role in driving efficiency, productivity, and competitive advantage in organizations at both the global and local levels (Aini et al., 2025).

#### **AI and increasing HR productivity**

Artificial intelligence (AI) not only serves as a replacement for human work but also expands human capacity for data analysis and drives innovation. With its ability to process large amounts of data quickly and accurately, AI helps humans discover patterns, trends, and opportunities that were previously difficult to identify using conventional methods (Pratama et al., 2023).

This enables workers and organizations to make more strategic, evidence-based decisions that are oriented toward long-term solutions. Furthermore, AI also opens up space for humans to focus more on creative, conceptual, and innovative aspects, such as designing new strategies, developing products, and creating services that are more relevant to market needs (Suharto, 2025). Thus, AI is not seen solely as an automation tool, but rather as a collaborative partner that strengthens the role of humans in the era of digital transformation.

Productivity has been shown to increase when artificial intelligence (AI) is positioned as a tool to support human work, not as a complete replacement (Tschang & Almirall, 2021). By acting as a supporter, AI can automatically handle routine, administrative, and technical tasks, freeing up the workforce to focus on strategic, analytical, and creative activities. Collaboration between humans and AI creates synergy that results in time efficiency, improved decision quality, and more sustainable innovation (Kusumasari et al., 2024).

Conversely, if AI completely replaces humans, productivity potential could be hampered by the loss of flexibility, intuition, and humanistic values that machines cannot fully replicate. Therefore, the success of AI implementation lies in the balance between technology and humans, where AI is utilized as a strategic partner to strengthen human resource capacity in facing the challenges of the modern workplace (Taguimdje et al., 2020).

#### **Resistance and challenges of workforce adaptation**

Labor uncertainty arises from concerns about job displacement, the loss of jobs due to artificial intelligence (AI) and automation. Many employees are anxious about the potential shift of their technical or routine roles to machines, perceived as more efficient, faster, and less error-prone. This situation not only impacts job security but also impacts employee motivation and confidence in navigating digital transformation in the workplace (Frank et al., 2019).

This situation shows the need for an appropriate change management strategy so that the transition to an AI-based work era can be more inclusive and sustainable (Mula & Ristiani, 2025). Organizations need to develop relevant digital skills training programs, both in the form of reskilling to transfer competencies to new fields and upskilling to strengthen existing capabilities. This way, the workforce will not only be able to adapt to technological developments but will also be able to leverage AI as a partner that expands their capabilities, thereby reducing anxiety about role replacement and maintaining organizational productivity (Lokesh et al., 2024).

#### **AI as a catalyst for shifting workforce roles**

The world of work is currently moving towards an era of human-AI collaboration, where artificial intelligence technology is no longer seen as just an automation tool, but as a strategic partner for humans in carrying out work activities (Sowa et al., 2021). This collaboration creates synergy between AI's superior computing capabilities in rapidly processing big data and human intelligence, which is more adaptive, contextual, and intuitive. In this context, AI serves to support operational efficiency, while humans remain the primary decision-makers, considering ethical, social, and cultural aspects of work (Insirat et al., 2025).

This paradigm shift has had a significant impact on workforce skills requirements. Workers with analytical, creative, and managerial abilities are increasingly in demand, as these skills are not easily replaced by technology (Wahyudi et al., 2023). Routine, repetitive tasks tend to be outsourced to automated systems, while human roles are increasingly focused on strategic management, innovation, complex problem-solving, and value-based decision-making with a long-term vision. Thus, the era of human-AI collaboration opens up significant opportunities for the workforce to enhance its capacity, while simultaneously requiring organizations to invest in developing skills relevant to digital transformation.

#### **Managerial implications**

Organizations need to develop artificial intelligence (AI) integration policies that emphasize not only technical aspects but also human resource capacity building. These policies should include skills development programs, digital training, and technology adaptation assistance to empower the workforce to optimally utilize AI in their daily work activities. In this way, AI implementation not only generates efficiency but also strengthens the role of humans as managers and strategic decision-makers.

Furthermore, a strategy is needed that emphasizes a balance between technology-based efficiency and workforce empowerment.



While AI can significantly increase productivity, organizational sustainability cannot be separated from the contribution of humans, who bring the value of creativity, innovation, and contextual understanding that machines lack. Therefore, AI integration must be positioned as a collaborative effort, where technology serves as a support, while humans remain central in guiding the organization's vision, strategy, and work culture.

This research contributes to understanding that artificial intelligence (AI) impacts not only technical aspects such as process automation and operational efficiency, but also has significant social and managerial implications in the workplace. The application of AI influences the dynamics of the relationship between humans and technology, shaping new interaction patterns within organizations, and necessitating a change management strategy that balances technological efficiency with the sustainability of the workforce.

Furthermore, this research demonstrates the importance of a qualitative approach in exploring the meaning of AI implementation at both the individual and organizational levels. This approach allows for a deeper understanding of the perceptions, experiences, and adaptation strategies of the workforce and management in the face of digital transformation. Thus, this research contributes to the literature linking technology, management, and human resources, while providing practical insights for organizations in managing AI integration more holistically.

## CONCLUSION

The conclusion of this study shows that artificial intelligence (AI) has been proven to improve operational efficiency through the automation of routine work, cost reduction, and acceleration of work processes, while simultaneously encouraging increased employee productivity by enabling them to focus more on strategic activities, data analysis, and real-time information-based decision-making. Furthermore, AI also reduces the rate of human error and maintains consistent work standards, thus ensuring the quality of results. However, challenges remain in its implementation, particularly employee resistance due to concerns about job loss and the need for digital skill enhancement. Nevertheless, AI opens up new opportunities in the world of work, such as in the fields of data analysis, programming, system monitoring, and technology management, which marks a shift in the role of humans from mere technical implementers to managers and controllers of technology in the era of human-AI collaboration. Therefore, this study emphasizes that AI impacts not only technical aspects, but also social and managerial aspects, so organizations need to balance technology-based efficiency with human resource empowerment for more optimal and sustainable implementation.

## BIBLIOGRAPHY

- Adha, L. A. (2020). Digitalisasi Industri Dan Pengaruhnya Terhadap Ketenagakerjaan Dan Hubungan Kerja Di Indonesia. *Journal Kompilasi Hukum*, 5(2), 267–298. <https://doi.org/10.29303/jkh.v5i2.49>
- Agra Nurtrihadi, Jupriyanto, & Dangan Waluyo. (2025). Penerapan Artificial Intelligence (AI) Untuk Optimasi Jadwal Produksi Di Industri Manufaktur Dalam Upaya Meningkatkan Produktivitas Kerja. *Jurnal ISO: Jurnal Ilmu Sosial, Politik Dan Humaniora*, 5(1). <https://doi.org/10.53697/iso.v5i1.2231>
- Aini, Q., Dyatmika, S. W., Chakim, M. H. R., Khasanah, M., & Queen, Z. (2025). Integration of Artificial Intelligence in Digital Marketing Strategies Based on Business Data Analytics: Integrasi Kecerdasan Buatan dalam Strategi Pemasaran Digital Berbasis Analisis Data Bisnis. *ADI Bisnis Digital Interdisiplin Jurnal*, 6(1), 12–20. <https://doi.org/10.34306/abdi.v6i1.1230>
- Angga Wahyudi, Muhammad Bhismi Thoifurqoni Assyamiri, Wilda Al Aluf, Mohammad Ryan Fadhillah, Shinta Yolanda, & M. Isa Anshori. (2023). Dampak Transformasi Era Digital Terhadap Manajemen Sumber Daya Manusia. *Jurnal Bintang Manajemen*, 1(4), 99–111. <https://doi.org/10.55606/jubima.v1i4.2222>
- Arya Satya Pratama, Suci Maela Sari, Maila Faiza Hj, Moh Badwi, & Mochammad Isa Anshori. (2023). Pengaruh Artificial Intelligence, Big Data Dan Otomatisasi Terhadap Kinerja SDM Di Era Digital. *Jurnal Publikasi Ilmu Manajemen*, 2(4), 108–123. <https://doi.org/10.55606/jupiman.v2i4.2739>
- Bögel, P. M., & Upham, P. (2018). Role of psychology in sociotechnical transitions studies: Review in relation to consumption and technology acceptance. *Environmental Innovation and Societal Transitions*, 28, 122–136. <https://doi.org/10.1016/j.eist.2018.01.002>
- Chen, T., Guo, W., Gao, X., & Liang, Z. (2021). AI-based self-service technology in public service delivery: User experience and influencing factors. *Government Information Quarterly*, 38(4), 101520. <https://doi.org/10.1016/j.giq.2020.101520>
- Dede, D. L., Subhiyanto, Esthi Adityarini, & Mochamad Arief Madiansah. (2025). Analisis Implementasi Kecerdasan Buatan (Artificial Intelligence) Dalam Optimalisasi Proses Bisnis. *Jurnal Sistem Informasi Dan Teknologi (SINTEK)*, 5(1), 90–99. <https://doi.org/10.56995/sintek.v5i1.135>
- Djaini, A., Permana, R. M., & Mahmudin, T. (2025). Analisis Strategi Adaptif UMKM terhadap Integrasi Teknologi ChatGPT sebagai Instrumen Peningkatan Daya Saing Berkelanjutan dan Akselerasi Inovasi Bisnis di Era Transformasi Digital. *Jurnal Minfo Polgan*, 14(1), 1015–1024. <https://doi.org/10.33395/jmp.v14i1.14959>
- Faridah, F., Thanwain, T., Fadel, F., Nurhidayanti, N., & Gunawan, A. (2025). Persepsi dan Adaptasi Profesional Keuangan Terhadap Implementasi Kecerdasan Buatan dalam Pengambilan Keputusan Investasi. *RIGGS: Journal of Artificial Intelligence and Digital Business*, 4(2), 3479–3485. <https://doi.org/10.31004/riggs.v4i2.1044>
- Frank, M. R., Autor, D., Bessen, J. E., Brynjolfsson, E., Cebrian, M., Deming, D. J., Feldman, M., Groh, M., Lobo, J., Moro, E., Wang, D., Youn, H., & Rahwan, I. (2019). Toward understanding the impact of artificial intelligence on labor. *Proceedings of the National Academy of Sciences*, 116(14), 6531–6539. <https://doi.org/10.1073/pnas.1900949116>

- Gading Rayya Samita, Wisesa, W., Setiawan, E. D., Respati K, I., & Hidayat, R. (2024). Integrasi Artificial Intelligence dan Teori Bounded Rationality dalam Mengatasi Ketidakpastian Pengambilan Keputusan Bisnis di Era Big Data. *Jurnal Bisnis Dan Komunikasi Digital*, 2(2), 12. <https://doi.org/10.47134/jbkd.v2i2.3460>
- Handayani, K. (2024). Strategi Adaptif untuk Mempertahankan Tenaga Kerja di Era Society 5.0: Menghadapi Tantangan Cobot. *Jurnal Penelitian Multidisiplin Bangsa*, 1(3), 185–200. <https://doi.org/10.59837/jpnmb.v1i3.50>
- Howard, J. (2019). Artificial intelligence: Implications for the future of work. *American Journal of Industrial Medicine*, 62(11), 917–926. <https://doi.org/10.1002/ajim.23037>
- Insirat, M. N., Syahfir, H. A., Usman, A., & Mediaty, M. (2025). Analisis Dampak Implementasi AI Dalam Proses Pengambilan Keputusan Manajerial Terhadap Etika Bisnis dan Keberlanjutan Organisasi: A Systematic Literature Review. *Owner*, 9(1), 011–025. <https://doi.org/10.33395/owner.v9i1.2525>
- Izzatul Mula & Auliya Ristiani. (2025). Transformasi Struktur Pekerjaan dan Kebutuhan Keterampilan di Era Teknologi AI dan Otomatisasi di Pasar Global. *Nian Tana Sikka: Jurnal Ilmiah Mahasiswa*, 3(1), 155–167. <https://doi.org/10.59603/niantanasikka.v3i1.665>
- Khoirunnisa, N., Hidayat, J., Saefullah, M. Z., & Wardoyo, S. (2025). PENGARUH TRANSFORMASI DIGITAL TERHADAP PENGAJARAN BERBASIS PRAKTIK DI PENDIDIKAN VOKASI. *Jurnal Informatika Dan Teknik Elektro Terapan*, 13(1). <https://doi.org/10.23960/jitet.v13i1.5669>
- Kusumasari, I. R., Hidayat, R., Sophia, Z. A., Maghfiroh, F. M., & Anggraini, A. D. (2024). Dampak Sosial Pengambilan Keputusan Berbasis Artificial Intelligence terhadap Dinamika Ketenagakerjaan. *Journal of Macroeconomics and Social Development*, 2(2), 12. <https://doi.org/10.47134/jmsd.v2i2.531>
- Lokesh, G. R., Harish, K. S., Sangu, V. S., Prabakar, S., Santhosh Kumar, V., & Vallabhaneni, M. (2024). AI and the Future of Work: Preparing the Workforce for Technological Shifts and Skill Evolution. *2024 International Conference on Knowledge Engineering and Communication Systems (ICKECS)*, 1–6. <https://doi.org/10.1109/ICKECS61492.2024.10616486>
- Nugroho, R. H., Kusumasari, I. R., Febrianto, V., Farhan N. H, M. A., & Mahardika, M. R. (2024). Strategi Teknologi Artificial Intelligence (AI) dalam Pengambilan Keputusan Bisnis di Era Digital. *Jurnal Bisnis Dan Komunikasi Digital*, 2(2), 7. <https://doi.org/10.47134/jbkd.v2i2.3476>
- Nurulita, A., & Bin Muhammad, M. (2025). Studi Literatur Tentang Program Pelatihan dan Pengembangan Kompetensi Sumber Daya Manusia di Era Digital. *Jurnal Manajemen Dan Ilmu Administrasi Publik (JMIAP)*, 7(2), 177–188. <https://doi.org/10.24036/jmiap.v7i2.1218>
- Purwati, E., Pramana, P., & Aziz, R. A. (2023). IMPLEMENTASI SISTEM CERDAS BERBASIS AI DALAM KOMUNIKASI ORGANISASI: TANTANGAN DAN PELUANG. *Jurnal Ilmiah Dinamika Sosial*, 7(2), 226–235. <https://doi.org/10.38043/jids.v7i2.4914>
- Ramdhani Ahmad Fariz Putra Setiawan & Nera Marinda Machdar. (2024). Faktor Pengungkapan ESG, Tata Kelola, Efisiensi Operasional, dan Penggunaan AI dalam Kinerja Perusahaan Teknologi. *Jurnal Mutiara Ilmu Akuntansi*, 3(1), 165–174. <https://doi.org/10.55606/jumia.v3i1.3553>

- Rochmawati, D. R., Arya, I., & Zakariyya, A. (2023). MANFAAT KECERDASAN BUATAN UNTUK PENDIDIKAN. *Jurnal Teknologi Komputer Dan Informatika*, 2(1), 124–134. <https://doi.org/10.59820/tekomin.v2i1.163>
- Sowa, K., Przegalinska, A., & Ciechanowski, L. (2021). Cobots in knowledge work. *Journal of Business Research*, 125, 135–142. <https://doi.org/10.1016/j.jbusres.2020.11.038>
- Suharto, T. S. U. (2025). Analisis Integratif Design Thinking dan Artificial Intelligence dalam Mendorong Inovasi UMKM di Indonesia. *Bit-Tech*, 7(3). <https://doi.org/10.32877/bt.v7i3.2333>
- Taiebat, M., Brown, A. L., Safford, H. R., Qu, S., & Xu, M. (2018). A Review on Energy, Environmental, and Sustainability Implications of Connected and Automated Vehicles. *Environmental Science & Technology*, acs.est.8b00127. <https://doi.org/10.1021/acs.est.8b00127>
- Tariq, M. U., Poulin, M., & Abonamah, A. A. (2021). Achieving Operational Excellence Through Artificial Intelligence: Driving Forces and Barriers. *Frontiers in Psychology*, 12, 686624. <https://doi.org/10.3389/fpsyg.2021.686624>
- Tschang, F. T., & Almirall, E. (2021). Artificial Intelligence as Augmenting Automation: Implications for Employment. *Academy of Management Perspectives*, 35(4), 642–659. <https://doi.org/10.5465/amp.2019.0062>
- Wamba-Taguimdje, S.-L., Fosso Wamba, S., Kala Kamdjoug, J. R., & Tchatchouang Wanko, C. E. (2020). Influence of artificial intelligence (AI) on firm performance: The business value of AI-based transformation projects. *Business Process Management Journal*, 26(7), 1893–1924. <https://doi.org/10.1108/BPMJ-10-2019-0411>

ORIGINALITY REPORT

15%	12%	9%	1%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	<a href="http://ejournal.publine.or.id">ejournal.publine.or.id</a> Internet Source	1%
2	<a href="http://discovery.researcher.life">discovery.researcher.life</a> Internet Source	1%
3	<a href="http://nawalaeducation.com">nawalaeducation.com</a> Internet Source	1%
4	<a href="http://www.iaquisacademy.com">www.iaquisacademy.com</a> Internet Source	1%
5	<a href="http://repository.e-ssbm.com">repository.e-ssbm.com</a> Internet Source	1%
6	<a href="http://www.ijafibs.pelnus.ac.id">www.ijafibs.pelnus.ac.id</a> Internet Source	<1%
7	<a href="http://www.ukais.org">www.ukais.org</a> Internet Source	<1%
8	Submitted to Universitas Brawijaya Student Paper	<1%
9	Sefiyana Jihanuri Nisrina, Reihan Masviansyah, Andrew Wijaya Adiwana, Indah Respati Kusumasari, Rusdi Hidayat. "The Role of Information Systems in Improving the Efficiency of Business Decision Making", Jurnal Bisnis dan Komunikasi Digital, 2024 Publication	<1%
10	Abukhadair, Mohammad Mansour. "Understanding the Impact of Routine and	<1%

Skill Bias, Comparative HRM on Productivity Management in Emerging Markets: A Correlational Study", National University, 2025

Publication

- 
- |    |  |      |
|----|--|------|
| 11 | <a href="https://legalesedecoder.com">legalesedecoder.com</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 12 | Maya Daraselia, Tamar Jojua. "The Importance of Using Movies in EFL Classrooms", Jurnal Pendidikan Guru Sekolah Dasar, 2024<br>Publication | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 13 | <a href="https://download.atlantis-press.com">download.atlantis-press.com</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 14 | <a href="https://exceptionalux.com">exceptionalux.com</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 15 | <a href="https://journal.staisni.ac.id">journal.staisni.ac.id</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 16 | <a href="https://owner.polgan.ac.id">owner.polgan.ac.id</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |   |      |
|----|---|------|
| 17 | Harris Saseendran, Sonia Selwin, Shaista Banu Harris. "Chapter 10 Who's in the Driver's Seat? AI and Human Partnership Steering the Future Workplace", Springer Science and Business Media LLC, 2025<br>Publication | <1 % |
|----|---|------|
- 
- |    |  |      |
|----|--|------|
| 18 | <a href="https://jiss.publikasiindonesia.id">jiss.publikasiindonesia.id</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |  |      |
|----|--|------|
| 19 | <a href="https://rsisinternational.org">rsisinternational.org</a><br>Internet Source | <1 % |
|----|--|------|
- 
- |    |   |      |
|----|---|------|
| 20 | Bhalerao A. Y., Basu Choudhury S., Garani S.. "Study of Application of AI in Industry", | <1 % |
|----|---|------|

---

21 I Wayan Surnantaka. "The Impact of the Digital Revolution on Strategic Management Thinking: An SLR Study", Journal of Advances in Accounting, Economics, and Management, 2025

Publication

---

22 Jeter, Sabrina Renea. "Exploring the Influence of Artificial Intelligence on Employment in the Retail Industry in the Hampton Roads Region of Virginia.", Saint Leo University

Publication

---

23 Powell, Jason Richard. "Human Resource Professionals' Perceptions of Trust in Explainable Artificial Intelligence Hiring Software", National University, 2024

Publication

---

24 [core.ac.uk](https://core.ac.uk)

Internet Source

---

25 [dokumen.pub](https://dokumen.pub)

Internet Source

---

26 [iiari.org](https://iiari.org)

Internet Source

---

27 [ntnuopen.ntnu.no](https://ntnuopen.ntnu.no)

Internet Source

---

28 [review.e-siber.org](https://review.e-siber.org)

Internet Source

---

29 Geshwaree Huzooree, Jeayaram Subramanian, Narayanage Jayantha Dewasiri.

## "chapter 25 Reskilling for the AI Age", IGI Global, 2025

Publication

---

30 Jonny Holmström, Noel Carroll. "How organizations can innovate with generative AI", Business Horizons, 2024

Publication

<1 %

---

31 Mahmood, Abdul Hayee. "Impact of Artificial Intelligence on Supply Chain Management: Requirements for Human-Artificial Intelligence Collaboration", Istanbul Sabahattin Zaim University (Turkey)

Publication

<1 %

---

32 arno.uvt.nl

Internet Source

<1 %

---

33 ejournal-nipamof.id

Internet Source

<1 %

---

34 ejournal.amirulbangunbangsapublishing.com

Internet Source

<1 %

---

35 ejournal.uika-bogor.ac.id

Internet Source

<1 %

---

36 go.gale.com

Internet Source

<1 %

---

37 mmcalumni.ca

Internet Source

<1 %

---

38 penerbitadm.pubmedia.id

Internet Source

<1 %

---

39 publikationen.bibliothek.kit.edu

Internet Source

<1 %

---

40 www.researchgate.net

Internet Source

<1 %

---



41

Frank, Dominic. "Artificial Intelligence's Impact on Leadership for the Administrative and Management Functions Within the U.S. Department of the Navy Organizations.", Regent University, 2024

<1%

Publication

---

Exclude quotes Off

Exclude matches Off

Exclude bibliography On