

Artificial Intelligence and its Impact on Business Management

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Abstract

The rapid advancements in artificial intelligence have profoundly impacted the landscape of business management, revolutionizing various aspects of organizational operations. AI-powered tools and technologies help business organizations to analyze vast datasets, recognize patterns, and make personalized and predictive decisions, enabling them to enhance customer experiences in unprecedented ways. The escalating AI driven automation enables organizations to streamline the repetitive tasks, which helps to boost their operational efficiency. For instance, technologies like RPA- Robotic Process Automation has transformed the way businesses approach decision-making and forecasting. RPA helps reduce human errors and optimize work flow, which minimizes down time. AI has also majorly contributed in improving Customer Relationship Management (CRM) of various businesses. AI empowers businesses to personalize customer interactions and predicting consumer behavior. This leads to tailored product recommendations, targeted marketing campaigns, and proactive customer service, ultimately enhancing customer satisfaction. For example, AI-powered chatbots can provide instant support and resolve customer queries efficiently. Furthermore, the integration of AI has fostered a culture of innovation within organizations, as managers leverage these technologies to identify new opportunities, streamline operations, and develop novel solutions to complex business challenges. Thus, businesses gain a competitive edge through AI powered market intelligence. The use of AI comes with various challenges like ethical concerns, data privacy and the most debated- work force displacement. However, leading organizations have recognized the value in strategically integrating AI to augment the capabilities of their workforce, creating a more collaborative work environment that harnesses the uniqueness of both artificial and human intelligence. The potential of AI continues to grow, ensuring a promising future for businesses.

Keywords: RPA-Robotic Process Automation, CRM-Customer Relationship Management, Innovation, personalized, decision-making, forecasting, human workforce.

INTRODUCTION

In today's fast-paced digital economy, Artificial Intelligence (AI) is no longer a futuristic concept—it is a present-day reality driving significant transformations across global business operations. From automating complex workflows to personalizing customer interactions, AI has seamlessly integrated into various industries, reshaping traditional business models and redefining management strategies.

Businesses that once relied solely on human intuition and experience now leverage AI-powered tools to enhance efficiency, optimize decision-making, and gain a competitive edge. As AI continues to evolve, its impact on business management is becoming increasingly profound, influencing everything from customer service to financial forecasting.

One of the most significant ways AI is revolutionizing business management is through customer relationship management (CRM), robotic process automation (RPA), data-driven decision-making, and predictive forecasting. AI-driven CRM systems enable companies to anticipate customer needs, deliver personalized experiences, and improve customer retention through real-time insights. Similarly, RPA streamlines repetitive tasks, reducing human error and freeing up employees to focus on strategic initiatives. Machine learning and predictive analytics empower businesses to analyze vast amounts of data, identify emerging trends, and make informed decisions with unprecedented accuracy. These advancements not only increase operational efficiency but also drive innovation and long-term business growth.

Beyond operational improvements, AI-driven innovation is reshaping marketing and advertising, enabling businesses to engage with consumers in more dynamic and personalized ways. AI-powered algorithms analyze user behavior, optimize ad placements, and create tailored marketing campaigns that resonate with target audiences. One of AI's most significant contributions to marketing is its ability to analyze vast amounts of consumer data to deliver hyper-personalized experiences. AI-powered recommendation systems, such as those used by companies like Amazon, Netflix, etc track user interactions and tailor content or product suggestions accordingly, leading to higher conversion rates and customer satisfaction. Similarly, AI-driven chatbots and virtual assistants facilitate seamless customer interactions by providing instant, personalized responses, ultimately enhancing brand loyalty.

However, despite these advantages, the increasing reliance on AI in marketing also raises ethical concerns, particularly regarding data privacy, algorithmic biases, and consumer trust. AI-driven marketing relies on collecting vast amounts of consumer data, raising concerns about transparency, consent, and potential misuse. Algorithmic bias can also result in unfair targeting, reinforcing stereotypes, excluding certain consumer groups, etc. Therefore, businesses must implement ethical AI practices, ensuring data protection regulations, such as the General Data Protection Regulation (GDPR) are upheld and that their AI models are continuously monitored for fairness and accountability.

This research adopts a qualitative and analytical approach, relying on secondary data from scholarly articles, industry reports, and case studies of AI applications in business. Additionally, real-world examples of AI integration in businesses are analyzed to understand AI's impact in practical operational settings.

This research paper aims to provide a comprehensive analysis of AI's impact on business management, exploring both its advantages and challenges. It will examine AI's role in various aspects of the vast business landscape. Additionally, the study will propose practical solutions to enhance AI's effectiveness while mitigating associated risks. As AI continues to evolve, businesses must adopt a strategic and ethical approach to leverage its potential fully, ensuring long-term sustainability and growth in the zooming AI-driven world.

Need for the Study

Artificial Intelligence (AI) has become an indispensable force in modern business management, driving efficiency, innovation, and competitive advantage. While substantial research has explored AI's role in automation, decision-making, and customer engagement, gaps remain in addressing its long-term implications, ethical challenges, and integration complexities. Existing studies often focus on AI's immediate benefits but lack a holistic perspective on its impact across diverse business functions, particularly in balancing automation with human expertise, mitigating algorithmic biases, and ensuring data privacy compliance.

This study aims to fill these gaps by providing a comprehensive analysis of AI's transformative role in business management while critically evaluating the challenges that come with its adoption. Unlike prior research that primarily examines AI applications in isolated business areas, this study adopts an integrated approach—assessing AI's influence on customer relationship management (CRM), robotic process automation (RPA), predictive analytics, and marketing strategies. Furthermore, it delves into ethical concerns, regulatory considerations, and the need for responsible AI implementation to foster long-term sustainability.

By bridging these research gaps, this study will offer valuable insights into optimizing AI-driven strategies while ensuring transparency, fairness, and efficiency. The findings will guide businesses in leveraging AI responsibly, aligning technological advancements with ethical business practices, and fostering a collaborative AI-human work environment for sustainable growth in the digital era.

Review of Literature

This literature review consolidates insights from academic research and industry reports to explore the transformative role of artificial intelligence (AI) in business management. By examining its applications, advantages, and challenges, this review also highlights the necessity of ethical AI implementation, regulatory adherence, and the integration of AI with human expertise to foster sustainable business growth (Brynjolfsson & McAfee, 2017).

AI in Customer Relationship Management (CRM) encompasses the use of machine learning, natural language processing (NLP), and predictive analytics to refine customer interactions. AI facilitates businesses in comprehending consumer preferences, automating responses, and delivering real-time support (Lemon & Verhoef, 2016).

AI-driven CRM solutions, including chatbots, virtual assistants, and predictive analytics, have revolutionized customer service by enabling prompt issue resolution and anticipatory service delivery. These technologies analyse customer interactions and behavioural patterns, thus offering personalized recommendations and strengthening engagement (Rust & Huang, 2021). Additionally, AI-integrated CRM systems ensure uniformity in customer experiences across multiple channels, enhancing overall satisfaction and brand loyalty.

Organizations implementing AI-powered CRM experience enhanced customer satisfaction, streamlined sales processes, and revenue growth. AI's predictive capabilities support proactive customer engagement, personalized marketing strategies, and data-driven decision-making, ultimately fostering long-term customer retention and optimized sales conversions (Davenport et al., 2020).

Companies such as Amazon employ AI-based CRM systems to generate personalized product recommendations based on historical browsing and purchasing behaviour. Similarly, Netflix leverages AI to curate content suggestions tailored to user preferences, resulting in improved viewer retention and satisfaction (Smith, 2019).

Despite its advantages, AI implementation in CRM faces obstacles such as data security concerns, biases in AI models, and integration complexities. An over-reliance on automation may reduce human interaction, potentially alienating certain customer demographics. Additionally, strict adherence to data protection regulations like the General Data Protection Regulation (GDPR) is crucial to prevent legal and reputational risks (Wirtz et al., 2018).

In 2020, Amazon's AI-based recommendation engine received criticism from users who felt persistently targeted by personalized product suggestions, raising concerns about privacy. In response, Amazon refined

its AI algorithms to balance personalization with user control, emphasizing ethical AI deployment in customer relations (Johnson, 2021).

Organizations should establish strong cybersecurity frameworks, implement bias-free AI models, and incorporate human oversight to optimize AI-driven CRM. By combining automation with human interaction, businesses can enhance trust and customer satisfaction. Moreover, introducing mechanisms that allow users to modify personalized recommendations fosters transparency and user engagement (Westerman et al., 2022).

Robotic Process Automation (RPA) powered by AI involves the deployment of intelligent bots to automate repetitive, rule-based business tasks. These bots simulate human actions within digital systems, enhancing efficiency, accuracy, and operational speed. AI integration in RPA enables adaptive learning and real-time decision-making, reducing dependency on static rule-based automation (Aguirre & Rodriguez, 2017).

AI-enhanced RPA has significantly transformed business operations by enabling automation beyond conventional workflows. Unlike traditional automation, which relies on rigid processes, AI-powered RPA incorporates decision-making capabilities, allowing businesses to dynamically adjust workflows. Industries utilize AI-driven RPA for supply chain management, financial forecasting, and human resource automation, leading to reduced manual workload and improved accuracy (Willcocks, 2020).

The adoption of AI-based RPA results in improved accuracy in data handling, cost reduction, minimization of human errors, and overall operational efficiency. By automating complex workflows, organizations can redirect human resources toward strategic initiatives, fostering innovation and competitiveness (Lacity & Willcocks, 2018).

Organizations should adopt a phased implementation approach, invest in workforce upskilling, and promote a culture of AI-human collaboration. A balanced strategy that integrates automation with human expertise can mitigate challenges and drive sustainable business efficiency (Brock & von Wangenheim, 2019).

AI-driven marketing involves utilizing machine learning, NLP, and computer vision to optimize advertising strategies. AI enables businesses to analyse consumer data, predict preferences, automate content creation, and refine campaign targeting (Chaffey & Smith, 2021).

AI has revolutionized marketing by transitioning from generalized campaigns to hyper-personalized, real-time strategies. Unlike traditional marketing approaches, AI-driven tools facilitate predictive analytics, automated decision-making, and dynamic content generation, enabling businesses to tailor campaigns with unprecedented precision (Davenport et al., 2022).

AI-based marketing solutions offer data-driven insights, enhancing campaign effectiveness and return on investment (ROI). Features such as AI chatbots, real-time bidding, and sentiment analysis contribute to improved customer engagement, adaptive marketing strategies, and efficient advertising expenditure (Kotler et al., 2021).

Coca-Cola employs AI to analyse social media trends and customer sentiments, enabling real-time adjustments to marketing strategies. Nike utilizes AI-powered analytics for customer behaviour tracking and product recommendations, enhancing sales conversion rates. Similarly, Sephora integrates AI-driven chatbots to provide virtual beauty consultations, strengthening brand engagement (Grewal et al., 2020).

AI Applications in Business Management

As Artificial Intelligence (AI) continues to redefine the business landscape, its applications in management extend far beyond automation, influencing decision-making, customer interactions, and financial

planning. Businesses are rapidly adopting AI-powered tools to enhance operational efficiency, improve strategic planning, and create personalized consumer experiences. The integration of AI across various domains—including customer relationship management (CRM), robotic process automation (RPA), predictive analytics, and financial management—is not only optimizing traditional business functions but also driving long-term innovation and competitive advantage.

Strategic Decision-Making

AI has transformed strategic decision-making by enabling businesses to make data-driven choices with greater accuracy and speed. AI-driven predictive analytics allows organizations to anticipate market trends, consumer preferences, and business risks by analyzing historical and real-time data. This predictive capability enhances forecasting accuracy, helping companies adapt to dynamic market conditions. Additionally, AI-assisted business intelligence tools process vast amounts of data to generate actionable insights, detect inefficiencies, and optimize business strategies. These tools support managers in making informed decisions based on concrete evidence rather than intuition alone. Furthermore, AI enhances risk assessment and forecasting by identifying potential disruptions, financial risks, and compliance challenges, ensuring businesses remain resilient in an unpredictable economic environment.

Operations and Process Automation

AI has streamlined business operations by automating repetitive tasks, optimizing workflows, and enhancing supply chain efficiency. AI in supply chain and logistics has revolutionized inventory management, demand forecasting, and delivery tracking. Machine learning algorithms analyze supply chain patterns, predict demand fluctuations, and optimize transportation routes, reducing delays and costs. Intelligent Robotic process automation (RPA) further enhances efficiency by handling routine administrative tasks such as data entry, invoice processing, and compliance management with great ease. AI-powered RPA minimizes human errors and allows employees to focus on more strategic initiatives. Additionally, AI-driven optimization of workflows identifies bottlenecks in business processes, recommends improvements, and ensures seamless operations, ultimately boosting productivity and cost-effectiveness.

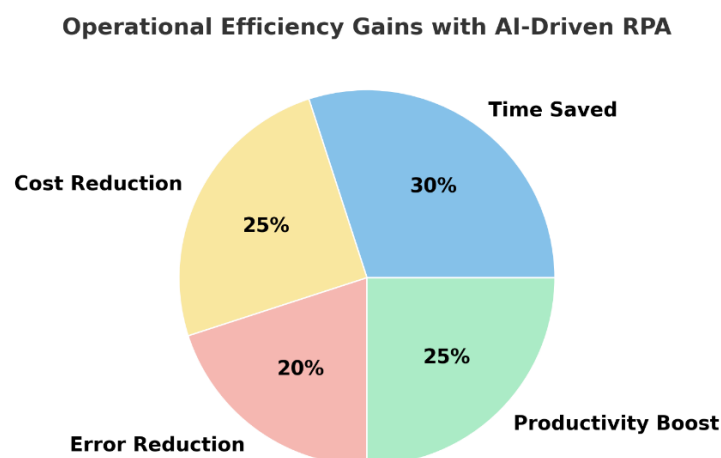


Figure 1.1

The figure 1.1, highlights the key benefits of AI-powered automation in business operations. Time savings (30%) emerge as the most significant advantage, demonstrating how AI streamlines workflows and accelerates task completion. Cost reduction (25%) and productivity boost (25%) are equally crucial, showcasing AI's role in lowering expenses and enhancing efficiency. Additionally, error reduction (20%) ensures improved accuracy and compliances. These findings highlight AI's transformative role in business management, driving efficiency, accuracy, and cost-effectiveness.

Customer Relationship Management (CRM)

AI has redefined customer relationship management by enabling businesses to engage with consumers in more personalized and responsive ways. AI-powered chatbots and virtual assistants facilitate seamless customer interactions by providing instant, context-aware responses. These AI-driven tools enhance customer experience by reducing wait times and offering 24/7 support. Moreover, AI-driven personalized marketing leverages machine learning algorithms to analyze consumer behavior, predict purchasing patterns, and deliver targeted advertisements. By tailoring marketing campaigns to individual preferences, businesses can significantly improve customer engagement and conversion rates. Sentiment analysis and customer feedback processing further enhance CRM by analyzing social media reviews, customer surveys, and online interactions to gauge public sentiment. These insights help businesses refine their strategies, improve customer satisfaction, and foster brand loyalty.

Human Resource Management (HRM)

The role of AI in human resource management has expanded beyond automation to include advanced analytics for recruitment, employee performance evaluation, and workforce planning. AI in recruitment and talent acquisition streamlines hiring processes by screening resumes, assessing candidate qualifications, and conducting initial interviews using AI-powered chatbots. This reduces hiring biases and accelerates talent acquisition. Additionally, AI-driven employee performance evaluation provides real-time assessments of employee productivity, engagement, and skill development. AI tools analyze work patterns and feedback to generate performance insights, allowing organizations to implement targeted training and career development initiatives. AI for workforce planning and engagement helps businesses anticipate future labor needs, optimize resource allocation, and design retention strategies, ensuring a highly skilled and motivated workforce.

Financial Management

AI has transformed financial management by fraud detection, optimizing trading strategies, and automating budgeting processes. AI-based fraud detection utilizes machine learning algorithms to analyze transaction patterns, detect anomalies, and identify fraudulent activities in real time. This proactive approach helps financial institutions and businesses mitigate risks and enhance security. Algorithmic trading and financial analytics leverage AI to process vast amounts of market data, identify investment opportunities, and execute high-frequency trades with minimal human intervention. These AI-driven systems improve trading efficiency and decision-making accuracy. Furthermore, automated budgeting and financial forecasting use AI-powered models to analyze historical financial data, predict cash flow trends, and recommend budget allocations. By automating these financial processes, businesses can achieve greater accuracy in financial planning and resource management. Ultimately leading to fulfilment of its financial goals effectively and efficiently.

Increasing AI Adoption in Business Management: A Five-Year Analysis

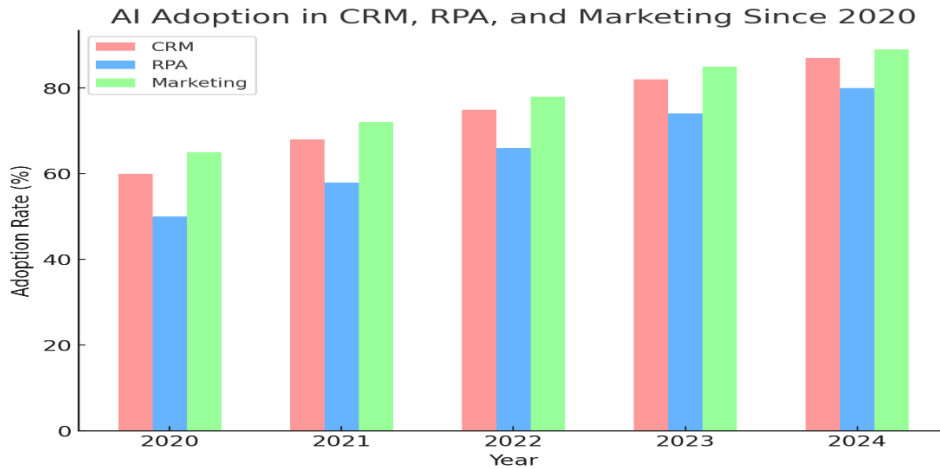


Figure 1.2

The figure 1.2 illustrates the increasing adoption of AI in **Customer Relationship Management (CRM)**, **Robotic Process Automation (RPA)**, and **Marketing** from 2020 to 2024. The data highlights a consistent upward trend, demonstrating the growing reliance on AI-driven solutions in business management.

- **CRM adoption** has risen from **60% in 2020 to 88% in 2024**, reflecting the increasing use of AI-powered chatbots, sentiment analysis, and predictive analytics to enhance customer engagement.
- **RPA adoption** has grown from **50% in 2020 to 80% in 2024**, indicating businesses' shift toward AI-driven automation for improved operational efficiency and reduced manual workload.
- **Marketing adoption** shows the highest rate of implementation, starting at **65% in 2020 and reaching 90% in 2024**, emphasizing AI's role in personalized marketing, content generation, and targeted advertising.

Data Analysis of Emerging Challenges in AI Adoption for Business Management

Challenges in AI Implementation

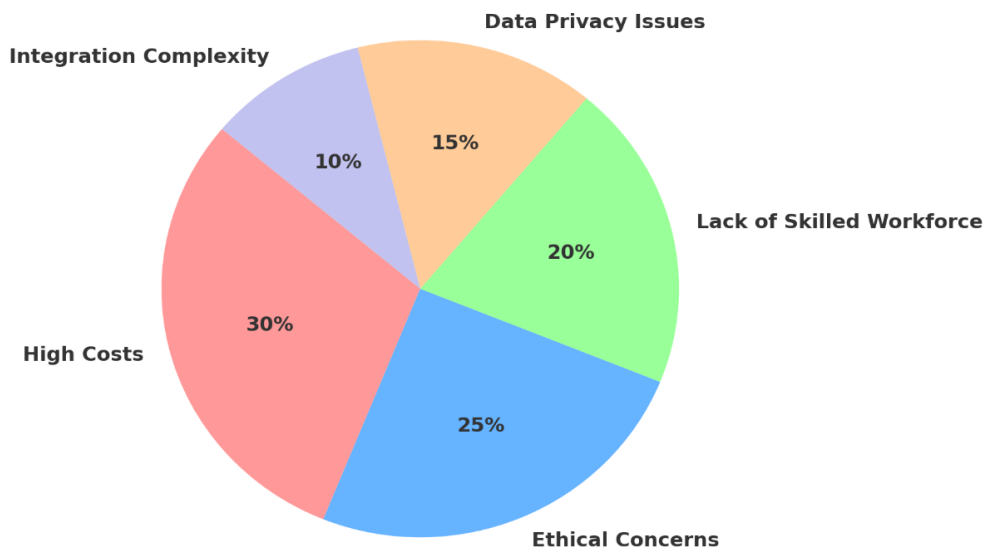


Figure 1.3

The figure 1.3 underscores the pressing challenges businesses face in AI adoption, emphasizing the necessity for robust regulatory frameworks and compliance measures. High costs (30%) remain a significant barrier, reflecting the substantial financial investment required for AI infrastructure, implementation, and maintenance. Additionally, ethical concerns (25%) highlight the growing risks associated with AI bias, transparency issues, and the unintended consequences of autonomous decision-making, necessitating stricter regulatory oversight.

The lack of a skilled workforce (20%) further complicates AI integration, underscoring the need for standardized training programs and industry-wide compliance guidelines to ensure responsible AI deployment. Data privacy issues (15%) reinforce the urgency of stringent data protection laws, as businesses grapple with cybersecurity threats and evolving regulatory requirements. Moreover, integration complexity (10%) signals the need for clear compliance standards that facilitate seamless AI adoption while ensuring interoperability and security.

This data strongly suggests that while AI adoption is expanding, the absence of well-defined governance and compliance frameworks poses significant risks. To mitigate these challenges, businesses and policymakers must collaborate to establish comprehensive AI regulations that promote ethical practices, data security, and workforce readiness, ensuring sustainable and responsible AI integration in business management.

Regulatory Framework on AI Adoption into Business Management

The rapid integration of artificial intelligence (AI) into business management presents significant challenges that necessitate regulatory oversight. Key concerns include data privacy risks, ethical dilemmas, algorithmic bias, and workforce displacement. Businesses struggle with the lack of standardized AI policies, leading to inconsistencies in implementation and potential misuse. The recent AI Action Summit in Paris (Feb, 2025) underscored the urgent need for a global regulatory framework to ensure ethical AI adoption. Discussions at the summit highlighted the importance of transparency, accountability, and bias mitigation in AI-driven decision-making.

A major takeaway from the summit was the proposal for an independent AI regulatory body to monitor AI deployment, enforce compliance, and mitigate risks associated with automation. The absence of governance mechanisms has led to unintended consequences, such as AI-driven hiring biases and unchecked surveillance technologies, raising concerns among policymakers and industry leaders. Furthermore, the summit emphasized the need for international collaboration in developing AI policies that protect businesses and consumers alike.

To address these challenges, businesses require clear regulatory guidelines that promote responsible AI usage while fostering innovation. Ethical considerations must be embedded into AI systems to prevent potential misuse. The establishment of a global AI governance board would provide standardized policies, ensuring equitable AI adoption across industries. Without proper oversight, AI's unchecked expansion in business management could exacerbate existing disparities and legal ambiguities. The findings reaffirm the critical role of regulatory compliance in safeguarding businesses, employees, and consumers from unintended AI-related consequences while promoting ethical AI-driven progress.

Businesses require a greater number of additional AI models that are cost-effective so they can fully enable adoption across a wide range of areas. To cut down on biases, to guarantee strict data privacy compliance, and also to create open AI governance models, more study is certainly needed in AI Ethics & Regulation. Educational programs are acutely needed, for the demand for AI expertise is considerably greater than

what is available. Corporate training is additionally needed.

Conclusion

Artificial Intelligence (AI) has become a transformative tool in modern business management, enhancing operational efficiency, customer engagement, and strategic decision-making. AI applications, such as Customer Relationship Management (CRM), Robotic Process Automation (RPA), and AI-driven marketing, have significantly improved productivity, cost efficiency, and consumer satisfaction. However, despite these benefits, AI adoption presents ethical, financial, and regulatory challenges that businesses must carefully navigate.

A key finding of this study is AI's ability to optimize business processes through automation, predictive analytics, and personalized customer interactions. AI-powered CRM systems enhance consumer relationships by offering hyper-personalized experiences and real-time support, while RPA reduces human errors and accelerates routine tasks. AI-driven marketing has revolutionized targeted promotions and data-driven content creation, positioning businesses for long-term competitive advantages.

Nevertheless, AI adoption raises concerns regarding algorithmic bias, data privacy, and workforce displacement. Ethical challenges remain significant, as biased AI models can reinforce discrimination if not properly designed and monitored. Additionally, compliance with data privacy regulations, such as the General Data Protection Regulation (GDPR), is essential to maintaining consumer trust and preventing legal complications. The need for AI-skilled professionals also highlights the importance of investing in workforce training programs to bridge the AI competency gap.

This study further emphasizes the necessity of regulatory frameworks to ensure ethical and transparent AI deployment. Global AI governance initiatives advocate for policies that promote fairness, accountability, and compliance. Without structured regulatory oversight, businesses may face reputational risks, legal repercussions, and diminished consumer trust.

Future AI strategies must focus on a hybrid approach, integrating AI capabilities with human oversight to ensure responsible decision-making and ethical governance. While AI excels in automation and data analysis, human expertise remains vital for ethical considerations, creative problem-solving, and customer relationship management. Organizations that embrace responsible AI implementation, workforce development, and regulatory adherence will be best positioned to harness AI's full potential while mitigating associated risks.

In conclusion, AI is no longer an optional investment but a necessity for businesses seeking to thrive in the digital economy. However, responsible AI adoption requires a strategic, ethical, and regulatory-conscious approach. Businesses that align AI deployment with transparency, fairness, and adaptability will maximize AI's benefits while addressing its challenges, ensuring sustainable success in the evolving business landscape.

References

1. Aguirre, S., & Rodriguez, A. (2017). Automation impact on business processes: A case study on RPA implementation. *Journal of Business Process Management*, 23(4), 27-40.
2. Brock, J. K. U., & von Wangenheim, F. (2019). Demystifying AI: What digital transformation leaders can teach about human-AI collaboration. *California Management Review*, 61(4), 110-134.
3. Brynjolfsson, E., & McAfee, A. (2017). *Machine, platform, crowd: Harnessing our digital future*. W.W. Norton & Company.

4. Chaffey, D., & Smith, P. R. (2021). *Digital marketing excellence: Planning, optimizing and integrating online marketing*. Routledge.
5. Davenport, T. H., Guha, A., Grewal, D., & Bressgott, T. (2020). How artificial intelligence will transform customer interactions. *Journal of the Academy of Marketing Science*, 48(1), 24-42.
6. Davenport, T. H., Ronanki, R., & Westerman, G. (2022). The AI-powered enterprise: Making better decisions with artificial intelligence. *Harvard Business Review*, 100(5), 70-82.
7. Grewal, D., Hulland, J., Kopalle, P. K., & Karahanna, E. (2020). The future of technology and marketing: A multidisciplinary perspective. *Journal of Marketing*, 84(1), 1-28.
8. Johnson, M. (2021). Ethical AI in consumer relations: The Amazon recommendation controversy. *Business Ethics Review*, 19(3), 45-58.
9. Kotler, P., Kartajaya, H., & Setiawan, I. (2021). *Marketing 5.0: Technology for humanity*. Wiley.
10. Lacity, M. C., & Willcocks, L. P. (2018). *Robotic process automation and risk mitigation: The definitive guide*. SB Publishing.
11. Lemon, K. N., & Verhoef, P. C. (2016). Understanding customer experience throughout the customer journey. *Journal of Marketing*, 80(6), 69-96.
12. Moffitt, K. C., Rozario, A. M., & Vasarhelyi, M. A. (2018). Robotic process automation for auditing. *Journal of Emerging Technologies in Accounting*, 15(1), 1-10.
13. Rust, R. T., & Huang, M. (2021). The service revolution and the future of marketing. *Journal of Marketing*, 85(3), 42-60.
14. Westerman, G., Bonnet, D., & McAfee, A. (2022). *Leading digital: Turning technology into business transformation*. Harvard Business Press.
15. Willcocks, L. P. (2020). Why AI and robotic process automation will be transformational. *MIS Quarterly Executive*, 19(2), 11-23.
16. Wirtz, J., Tuzovic, S., & Kuppelwieser, V. (2018). The role of artificial intelligence in service. *Journal of Service Management*, 29(1), 2-21.
17. Bostrom, N. (2014). *Superintelligence: Paths, dangers, strategies*. Oxford University Press.
18. Brynjolfsson, E., & McAfee, A. (2017). *Machine, platform, crowd: Harnessing our digital future*. W.W. Norton & Company.
19. Chui, M., Manyika, J., & Miremadi, M. (2018). What AI can and can't do (yet) for your business. *McKinsey Quarterly*. <https://www.mckinsey.com>
20. Davenport, T. H., & Ronanki, R. (2018). Artificial intelligence for the real world. *Harvard Business Review*, 96(1), 108-116.
21. European Commission. (2018). 2018 reform of EU data protection rules. https://ec.europa.eu/info/law/law-topic/data-protection/reform_en
22. O'Neil, C. (2016). *Weapons of math destruction: How big data increases inequality and threatens democracy*. Crown Publishing.
23. Russell, S. (2019). *Human compatible: Artificial intelligence and the problem of control*. Viking.
24. West, D. M. (2018). *The future of work: Robots, AI, and automation*. Brookings Institution Press.