



IMPACT OF ARTIFICIAL INTELECT ON MODERN MANAGEMENT

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Annotation

Artificial intelligence is becoming increasingly widespread in modern management. The potential of artificial intelligence to increase organizational efficiency, improve decision-making and reduce costs has attracted the attention of business leaders around the world.

This article examines the impact of artificial intelligence on modern management and provides an overview of its applications. Also, challenges and opportunities related to the integration of artificial intelligence into organizational management are discussed.

Keywords: Artificial intelligence, modern management, technologies, condition, Autonomous systems.

Artificial intelligence is a special branch of computer science that deals with the creation of computer systems with capabilities usually associated with the human mind: language understanding, teaching, discussion, problem solving, translation, and similar capabilities.

Currently, artificial intelligence consists of algorithms and software systems designed to perform various actions, and it can handle several tasks that the human mind can perform.

In today's conditions, where science and information and communication technologies are rapidly developing, in the developed countries of the world, state and society management, economy, industry, social protection, education, medicine, employment, agriculture, defense, security, tourism and other fields, modern information technologies and the possibilities of artificial intelligence are widely used. In Uzbekistan, it is set as a priority task to take a place among the leading countries with innovative development by 2030 through the development of information and digital economy.





It should be noted that the basis of artificial intelligence is a database, and their source can be different. Regular filling and expansion of the database increases the analytical capabilities and efficiency of artificial intelligence.

It is possible to form an artificial intelligence database from currently available data sources in Uzbekistan and use them effectively. Including:

- Identification of one system – (id.gov.uz);
- Open data portal of the Republic of Uzbekistan - (data.gov.uz);
- Electronic government system database – (my.gov.uz);
- State Services Agency database – (davkhizmat.uz);
- database of various ministries and agencies.

The relevance of this research is due to the growing demand for artificial intelligence. Artificial intelligence refers to the development of computer systems that can perform tasks that normally require human intelligence, such as speech recognition, decision making, and data analysis. Artificial intelligence is increasingly being used in modern management to increase efficiency and effectiveness in various fields, including marketing, finance and human resources.

The Impact of Artificial Intelligence on Modern Management: Artificial Intelligence can change the way organizations work. One of the most important benefits of artificial intelligence is the ability to analyze data and generate insights that help make decisions. This allows managers to analyze data and make more informed decisions. Artificial intelligence can also be used to automate mundane tasks such as data entry, allowing managers to focus on more strategic initiatives. Chatbots and AI-powered virtual assistants can provide personalized customer experiences by answering queries and solving problems in real-time. This can increase customer satisfaction and loyalty.

Artificial intelligence can also improve the accuracy and speed of financial analysis. For example, artificial intelligence can be used to analyze financial data and reduce the risk of fraud and error. This can lead to cost savings and improved financial performance.

Despite the potential benefits of artificial intelligence, there are also challenges associated with incorporating it into organizational governance. One of the main challenges is the need for specialized skills and knowledge to implement and maintain artificial intelligence systems. This can be expensive and time consuming.

There are also concerns about the impact of artificial intelligence on employment. As AI becomes more widespread, there is a risk that it will replace humans, especially in routine or repetitive tasks. However, AI also has the potential to improve worker roles and create new opportunities.





In the future, the intellect of the Supreme Court of the Republic of Kazakhstan, is the only one who has the potential of the advantages of this technology. As Sun's intellect continues to evolve, there are several areas where it could have a significant impact on modern management.

The first area is the development of autonomous systems. Autonomous systems are computer systems that can operate without human intervention, using artificial intelligence to make decisions and take actions. In the future, autonomous systems can be used in various areas of management, such as supply chain management and logistics.

Another area where AI could have a significant impact is the development of predictive analytics. Predictive analytics involves using artificial intelligence to analyze data and predict future events or trends. It can be used to inform decision making in various areas of management such as marketing and finance.

Finally, AI can have a significant impact on how organizations interact with customers. Chatbots and AI-powered virtual assistants are already being used to provide personal customer service, but there is potential for AI to be used in other areas of customer interaction, such as sales and marketing.

Considering the potential benefits and challenges of artificial intelligence in modern management, the following recommendations are offered for organizations considering the adoption of artificial intelligence technologies:

1. Developing a specific strategy. With the same intellect as a single intellect, the intellect of the intellect is a technology that can be used to improve the quality of the economy. This strategy should be consistent with the organization's overall goals and capabilities.
2. Build a diverse team: Successful implementation of artificial intelligence requires a diverse team with diverse skills, including technical expertise, domain knowledge, and ethics. Organizations must ensure that their AI capabilities include people from a variety of backgrounds and disciplines.
3. Consider ethical considerations. Organizations must consider the ethical implications of artificial intelligence and ensure its responsible and ethical use. This includes addressing issues such as bias, discrimination and privacy.
4. Invest in employee training: Implementing artificial intelligence requires employees to develop new skills and knowledge. Organizations should invest in training employees to ensure they have the skills and knowledge needed to work effectively with artificial intelligence technology.
5. Start small and iterate: Organizations should start small when implementing AI, and iterate based on feedback and results. This approach allows organizations to





access the benefits of artificial intelligence in a controlled environment before large-scale expansion.

Although this article provides an overview of the implications of artificial intelligence for modern management, there are several areas that require further research. For example, more research is needed to better understand the impact of AI on employment and the workforce. This includes understanding how AI will affect job responsibilities and skill requirements, as well as identifying strategies for upskilling and reskilling employees.

Much research is also needed to better understand the ethical considerations surrounding artificial intelligence in modern governance. This includes understanding how to prevent bias and discrimination in the development and deployment of AI systems, as well as identifying strategies to ensure transparency and accountability of AI systems.

Finally, more research is needed to better understand the potential benefits of AI in areas such as predictive analytics and customer engagement. This includes identifying the most effective AI applications in these industries and understanding how AI can be used to improve customer experience and improve organizational performance.

In short, artificial intelligence has the potential to transform modern management by increasing organizational efficiency, improving decision-making and reducing costs. However, its integration into organizational management is fraught with issues including the need for specialized skills, operational challenges, and ethical considerations. Organizations considering the use of artificial intelligence must develop a clear strategy, build a diverse team, consider ethical considerations and invest in employee training. As AI technology continues to develop, it may have an even greater impact on modern management, and more research is needed to fully understand its potential benefits and challenges.

In general, the impact of artificial intelligence on modern management is complex and multifaceted. While there are certainly challenges to its implementation, there are also significant potential benefits that cannot be overlooked. As such, it is important that organizations take a thoughtful and strategic approach to AI adoption, carefully considering the unique needs and circumstances of their organization, as well as the potential impact on employees, customers, and other stakeholders.

When implementing AI technologies, it is important for organizations to stay abreast of the latest developments and best practices, and to constantly evaluate the effectiveness of their AI strategies in light of changing circumstances and new ideas. As a result, organizations can take advantage of the potential benefits of AI while minimizing the risks and challenges associated with its adoption.





I believe that artificial intelligence in the form of language models will continue to have a significant impact on modern management, and its potential applications will continue to grow and evolve over time. Organizations Yoke Sun's Intellect Technology with At the same time, we can expect to see widespread adoption of artificial intelligence in areas such as predictive analytics, natural language processing, and robotics process automation.

However, it is important to remember that AI is not a panacea and there are still areas where human expertise and judgment are required. Thus, organizations must try to find the right balance between artificial intelligence and human decision-making in order to achieve optimal results from the strengths of both.

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