

## Open Schools Journal for Open Science

Vol 8, No 2 (2025)

Vol. 8 No. 2 (2025): Open Schools Journal for Open Science - Special Issue -IDEA Conference Proceedings



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doi: [10.12681/osj.43789](https://doi.org/10.12681/osj.43789)

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### To cite this article:

Christophoridis, G., Vrettos, A., & Kiriakou, O. (2025). AI IN EVERYDAY LIFE. *Open Schools Journal for Open Science*, 8(2). <https://doi.org/10.12681/osj.43789>

# AI IN EVERYDAY LIFE

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## Abstract

Artificial Intelligence (AI) has become deeply integrated into our daily routines, affecting areas ranging from personal communication to transportation and entertainment. With its ability to simulate human intelligence, AI supports virtual assistants, enhances healthcare diagnostics, optimizes traffic, and personalizes digital experiences. This presentation explores the various dimensions in which AI contributes to and transforms everyday life.

**Keywords:** Artificial Intelligence (AI), communication, healthcare, transportation, entertainment

## 1. Introduction

In our research, we examined how Artificial Intelligence is incorporated into everyday life. We gathered and analyzed online sources to understand how AI is used in both personal and professional contexts. Our aim is to raise awareness about the significant impact of AI and how it continues to influence the world we live in. This report reflects our findings and insights.

## 2. Structure

- Definition of Artificial Intelligence
- AI market size
- AI in Communication
- AI in Healthcare
- AI in Transportation
- AI in Entertainment
- Conclusion

## 3. What is Artificial Intelligence?

Artificial Intelligence refers to systems or machines that simulate human intelligence to carry out tasks and enhance their performance over time through data and experience. These systems can reason, learn, and act autonomously or with minimal human input.

## 4. AI in Communication

AI has significantly reshaped the way we interact in our daily lives, revolutionizing communication, customer service, and global connectivity. Virtual assistants such as Siri and Alexa have become integral parts of many households, helping users with tasks like scheduling appointments, performing internet searches, and managing home automation systems. Meanwhile, chatbots have transformed customer service by providing instant, 24/7 support across various digital platforms, improving response times and user satisfaction. Additionally, language translation tools powered by AI have made it easier to communicate across language

barriers, enabling smoother interactions in international business, travel, and social settings. These advancements not only enhance convenience and efficiency but also foster greater inclusivity and global collaboration, signaling a future where human-AI interaction continues to evolve and expand.

## **5. AI in Healthcare**

The healthcare sector has experienced significant advancements through the integration of AI applications, leading to improved patient care, efficiency, and outcomes. In diagnostics, AI-powered tools are enhancing the accuracy and speed of disease detection by analyzing medical scans, test results, and large volumes of clinical data. This not only helps in early diagnosis but also supports physicians in making more informed decisions. Personalized treatments have also become more attainable, as AI can assess a patient's genetic makeup, behavior, and medical history to develop customized treatment plans tailored to individual needs. Furthermore, robotic surgeries, guided by AI, are revolutionizing the operating room by offering greater precision, minimizing human error, and resulting in shorter recovery times and reduced risks. Collectively, these innovations are transforming the healthcare landscape, making it more responsive, data-driven, and patient-centered.

## **6. AI in Transportation**

AI has greatly improved transportation by enabling autonomous vehicles for safer navigation, optimizing traffic flow through smart management systems, and enhancing ride-sharing services with better route planning and user matching. These advancements contribute to safer, more efficient, and more convenient travel.

## **7. AI in Entertainment**

AI has transformed entertainment by personalizing content through recommendation systems, enabling creative tools that generate music, art, and stories, and enhancing gaming with intelligent, responsive characters. These innovations are redefining both how entertainment is created and how it is experienced.

## **8. Conclusion**

AI is becoming an integral part of our daily lives. It enhances productivity, simplifies tasks, and transforms how we interact with technology. As AI continues to evolve, it is essential to ensure its ethical and responsible use while appreciating the value it adds to society.

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