

# ARTIFICIAL INTELLIGENCE ITS IMPORTANCE IN HUMAN LIFE AND ACTIVITY

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## Abstract

This article talks about the importance of artificial intelligence in our daily life, how it affects us and its benefits, its various functions and its benefits in education.

**Keywords:** Artificial intelligence, virtual assistants, content creation, individual training.

## Introduction

The idea of creating something unique and similar to the human mind and using it in complex tasks has been on people's minds since ancient times, the problem of artificial intelligence is related to the great interest in the possibilities of creating human analogues as intelligent systems capable of perceiving and interpreting external stimuli. attracts the attention of modern researchers.

According to international scientometric databases (in particular, WOS), the study of artificial intelligence problems is very relevant, and this is reflected in a large number of publications. Studies are being conducted in the USA, European countries and China.[1]

Artificial intelligence (AI) was first defined by one of its founders, Marvin Minsky, who described it as "the science of getting machines to do things that require human intelligence." The essence of this definition is still true today, but modern computer scientists can go a little further and create an AI that can perceive its environment and take actions to maximize its chances of successfully achieving its goals, as well as the capabilities of that system. define as a system, interpret and analyze data in a learning and adaptive manner.

From the Greek myth of Pygmalion to the Victorian tale of Frankenstein, people have long been fascinated by the idea of creating a man-made creature that thinks and acts like a human. With the advent of computers, we realized that the idea of artificial intelligence is realized not in the form of independent objects, but in the form of a set of tools and network technologies that are able to complement and adapt to human needs.

The term "artificial intelligence" was coined in 1956 at a scientific conference held at Dartmouth University in Hanover, New Hampshire. Since then, AI and data management have evolved in very intertwined ways. Artificial intelligence requires very large amounts of big data to perform accurate analysis. And for the digital processing of large amounts of data, the system requires artificial intelligence. Thus, the history of AI has evolved in parallel with the growth of computing power and database technology.

Today, business systems that could once process gigabytes of data can now handle terabytes and use AI to process results and analyze them in real-time. Unlike an artificial creature limping down the road to the countryside, AI technologies are flexible and responsive, designed not to replace but to enhance and complement their partners.[2]



## **The importance of artificial intelligence in everyday life**

Artificial Intelligence (AI) is transforming various industries and aspects of modern life, from healthcare to entertainment, from transportation to education. The impact of AI is huge and it has become an important part of our daily life. This article talks about the importance of artificial intelligence in our daily life, how it affects us and its benefits.

Artificial Intelligence (AI) is quietly playing an important role in our daily lives, from personalized recommendations on online platforms to voice assistants that simplify everyday tasks. Understanding the statistics of AI's impact allows us to appreciate the technology that shapes our everyday experiences.[3]

## **10 practical uses of artificial intelligence in everyday life.**

If we think back ten years ago, artificial intelligence (AI) seemed like science fiction. Fast forward to today and AI has become an integral part of our daily lives. From voice assistants that anticipate our needs to social media feeds that seem to read our minds, AI is quietly revolutionizing our world. In our daily life, we are so used to such things that we don't even recognize the applications of artificial intelligence. Ushbu blogda keling, kundalik hayotda sun'iy intellektning 10 ta qo'llanilishini muhokama qilaylik.

Some of the most common examples of artificial intelligence in our daily lives are:

### **1. Virtual assistants:**

Virtual assistants have become our digital companions. Siri, Google Assistant, and Alexa are household names that rely on AI to understand and respond to voice commands. You can understand the importance of artificial intelligence in our daily life by the popularity of these devices. They can set reminders, answer questions, and even control smart home devices.

### **2. Content creation:**

AI is revolutionizing content creation. Tools like GPT-3 can generate human-like text, making content creation faster and easier. Businesses and bloggers use AI-generated content to streamline their marketing efforts, create product descriptions, and even draft articles. While human creativity remains unchanged, AI can be a powerful assistant in content creation.

### **3. Social media algorithms:**

Scrolling through your social media feed on Facebook, Instagram, or tiktok, you might wonder how the platform knows what content you're interested in. For example, if you post frequently about travel on Instagram, your feed will get more views. travel content. If you're a foodie, expect to see delicious food recipes and restaurant recommendations.

### **4. Recommendations for electronic commerce:**

Online shopping has become more fun and efficient thanks to AI-powered recommendations. To understand the everyday applications of artificial intelligence for e-commerce, think about your favorite online shopping platforms like Amazon or eBay. They use AI to improve your shopping experience. When you search for a product or browse categories, AI algorithms take

into account your previous purchases, browsing history and trends among users with similar interests.

### **5. Health diagnostics:**

AI is making significant progress in healthcare, especially in diagnostics. AI-based systems can analyze medical images such as X-rays and MRIs more accurately and faster than humans. They detect abnormalities, allowing for early disease detection and improved patient outcomes. AI's role in healthcare spans drug discovery, patient management, and administrative tasks, improving the overall healthcare ecosystem.

### **6. Language translation:**

Traveling the world or interacting with people has never been easier. AI-powered translation apps like Google Translate break down language barriers and are some of the best examples of AI in everyday life. They can translate text or speech in real time, facilitating communication on a global scale.

### **7. Autonomous vehicles:**

Self-driving cars are no longer a dream of the future, but a reality created with the help of artificial intelligence. These vehicles use sophisticated algorithms and sensors to navigate the roads safely. For example, Tesla's Autopilot system uses AI and machine learning to offer features like adaptive cruise control and lane-keeping assist. These technologies allow the car to maintain a safe distance from other vehicles and stay in lanes, providing drivers with a semi-autonomous driving experience.

### **8. Email filtering:**

Managing an overflowing email inbox can be overwhelming. Fortunately, AI comes to the rescue with email filtering. AI-powered filters automatically categorize and prioritize your emails. They push spam and less important emails to the background and prioritize important messages. This feature simplifies managing your email, saving you time and reducing stress.

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### **10. Smart home automation:**

The concept of "smart home" has become a reality thanks to AI. Devices like security cameras, thermostats, and lighting systems use AI to learn about your preferences. They change settings based on your daily activities. For example, a smart thermostat can optimize energy use when you're indoors and outdoors. This not only saves you money, but also contributes to an energy-efficient and environmentally friendly lifestyle.[4]



The future of artificial intelligence looks very bright. As AI continues to evolve, it will become more integrated into our daily lives. It simplifies tasks, improves decision-making, and improves the overall quality of life. That's why it's not only desirable, but actually important, to be well-versed in AI tools for professional development, not just for applying AI in everyday life. The world of AI offers great opportunities to be a part of innovative fields and industries. From healthcare to finance and from education to entertainment, the impact of AI knows no bounds. Applying AI technologies will not only improve our everyday experiences, but also open doors to meaningful and impactful careers. This is a journey into the future, where human intelligence and artificial intelligence create a world of endless possibilities.

So, as we continue to witness the transformative power of AI, let's not just observe, but actively engage and evolve with it. Take help from Careervira to learn and improve industry-relevant skills to become an AI engineer.[5]

The role of artificial intelligence in education. Artificial Intelligence (AI) has the potential to solve the biggest challenges in education today, innovate teaching and learning practices, and accelerate progress towards SDG 4. However, rapid technological change inevitably creates many risks and challenges that have so far transcended politics, debates and regulatory frameworks. UNESCO seeks to support Member States in harnessing the potential of AI technologies to achieve the Education 2030 Agenda, while ensuring that its application in educational contexts adheres to the core principles of inclusion and equity.

UNESCO's mandate naturally calls for a human-centered approach to AI. It will include the role of AI in addressing existing inequalities in access to knowledge, research, and diversity of cultural expression, and will focus on ensuring that AI does not widen technological gaps within and between countries. The promise of "AI for all" is that everyone can take advantage of the ongoing technological revolution and enjoy its fruits, particularly in terms of innovation and knowledge.

In addition, UNESCO has developed a publication aimed at improving the readiness of education policy makers for artificial intelligence as part of the Beijing Consensus. This publication, *Artificial Intelligence and Education: A Guide for Policymakers*, will be of interest to practitioners and professionals in the policymaking and education communities. It aims to create a general understanding of the opportunities and challenges that artificial intelligence presents for education, as well as its impact on the core competencies needed in the AI era.[6] Artificial intelligence and its role in improving the quality of teacher education.

The modern world is facing the rapid development of technology, and artificial intelligence (AI) is widespread in various areas of life. One area where AI can play an important role is education.

### **Personal training.**

One of the main advantages of using artificial intelligence in education is the possibility of personalized learning. Using machine learning algorithms, AI can analyze student data and create personalized learning programs based on their knowledge level, interests and needs. This allows students and apprentices to receive training that best suits their individual needs, which can increase their effectiveness and motivation.



**Automation of assessment**

The use of AI can also help automate the process of assessing student learning. Using machine learning algorithms, AI can analyze student responses to tests and assignments and assign grades. This can reduce the time teachers spend on grading and reduce the chance of errors.

**Improving the quality of education**

The use of AI can also help improve the quality of education. For example, AI can be used to analyze student performance data and identify problem areas that require additional attention. This allows teachers to adapt their teaching methods and improve the quality of education.

**Improving access to education**

The use of AI can also help improve access to education. For example, artificial intelligence can be used to create online courses and distance learning platforms that students can access anywhere and anytime. It helps to expand access to education and gives access to education to those who previously did not have the opportunity.

**Improving the process of monitoring pupils and students.**

The use of AI can also help improve the process of student and student monitoring in secondary schools. For example, AI can be used to analyze the behavior of pupils and students in a classroom or classroom, identifying problem areas that require additional attention. It helps teachers to adapt their teaching methods and improve the quality of education.

In conclusion, the use of artificial intelligence can help improve education by making it more personalized, accessible and of high quality. However, it should be remembered that AI cannot replace the role of the teacher, but can only help him in his work.[7]

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