ARTIFICIAL INTELEGANT

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Annotation: *This article highlights Artificial Intelligence and both good and bad information about it. It emphasizes how people use it or similar issues.*
Key words: *ChatGPT, Gemini, Google, Midjourney, artificial intelligence(AI), information, project plans, ability.*

Annotatsiya:*Ushbu maqola orqali Sun'iy Intelekt va u haqida yaxshi va yomon ma'lumotlar yoritiladi. Bunda insonlar undan qay tarzda foydalanmoqda yoki shunga o‘xshash masalalar ta'kidlab o‘tiladi.*
Kalit so’zlar: *ChatGPT, Gemini, Google, Midjourney, sun'iy intellekt (AI), ma'lumot, loyiha rejalari, qobiliyat.*

Аннотация: *В этой статье мы рассмотрим искусственный интеллект, его достоинства и недостатки. Также будет рассказано о том, как люди его используют, и других подобных проблемах.*
Ключевые слова: *ChatGPT, Gemini, Google, Midjourney, искусственный интеллект (ИИ), информация, планы проектов, возможности.*

We all know that nowadays, in every aspect and in every situation, all people are using artificial intelligence. There are different types of artificial intelligence. For example, Chat GPT, Gemini, Midjourney, etc. Previously, people used Google more. Nowadays, people continue to use it more and more every day because of the convenient and fast information delivery of Artificial Intelligence. I think that many people have reduced their use of Google. The reason is that as I mentioned before, artificial intelligence provides people with any information at a very high speed in any situation. For this reason, most people are choosing artificial intelligence. Currently, many people, especially students, do not even think about using Chat GPT. In the meantime, I would like to share some information about AI. [1]ChatGPT Overview. ChatGPT is a high-performance AI program created by Open AI, designed to process and analyze large amounts of data to respond to user requests. ChatGPT can understand human language, both spoken and written. ChatGPT works with texts, that is, it accepts requests entered into it in text form and returns a response. Since it is an OpenAI tool, ChatGPT integrates

seamlessly with other AIs, such as the image generation DALL-E and the video generation Sora. ChatGPT runs on GPT-3.5 or GPT-4, depending on whether you are using the free or paid version.

Gemini Overview. Formerly known as Bard, Gemini is an artificial intelligence released by Google. It runs on Gemini 1.0, Google's latest development in large-scale language model technology. What sets this tool apart is that all users can use Gemini to access real-time web and search connectivity, as well as basic extensions for popular Google tools like Maps and YouTube. Paid plans and business users can access additional capabilities, including for Google Workspace. Gemini also includes features such as the ability to edit and refine queries and use the Google Search button to check facts.

What kind of AI is Midjourney? Midjourney is a type of AI that can convert text instructions into images. With Midjourney, you can create high-quality images from simple text-based descriptions. You don't need any special hardware or software to use Midjourney, as it runs entirely through the Discord chat app. You just have to pay a monthly fee before you can start creating images. Midjourney can create stunning and believable-looking images from simple text descriptions. To create images, users use the same commands as other AI-powered image creation tools currently. This is basically the /imagine command, to which the bot responds with an image. Alan Turing was the author of the first study in the field of artificial intelligence. Artificial intelligence was founded as an independent field in 1956. This summer, at a conference at Dartmouth College, John McCarthy first used the term "artificial intelligence" and went down in history as the author of this term. Although research on artificial intelligence has been conducted since the mid-20th century, public interest in it increased sharply after deep learning demonstrated its superiority over other artificial intelligence methods in 2012 and after the breakthroughs in transformer architecture in 2017. In the early 2020s, the

field has been booming, with many companies, universities, and laboratories making significant progress in the field of artificial intelligence.

This field is based on the assumption that the intelligence of Homosapiens can be described so precisely that it can even be modeled by a machine, which is a key characteristic of intelligent beings. In the philosophy section, see the Dartmouth Proposal. This raises philosophical questions about the nature of intelligence and the ethics of creating artificial beings, questions that have been explored in myth, fiction, and philosophy since ancient times. Artificial intelligence is viewed with optimism. Optimism was present in the predictions of early AI researchers (see Optimism in the history of AI, as well as in the thinking of modern transhumanists such as Ray Kurzweil). But it has also experienced crises. Crises can be seen in the ALPAC announcement in 1966, the failure of perceptrons in 1970, the Lighthill announcement in 1973, and the development of the Lisp machine market in 1987.

Today, AI has become an important part of the technology industry and offers solutions to many of the most difficult problems in computer science. AI research is a highly technical and specialized field, often "deeply" divided into sub-fields that do not communicate with each other. Subfields have emerged around specialized problem solving, the work of specialized institutions, individual researchers, and the use of very different tools and long-standing differences of opinion about how to implement artificial intelligence. At the heart of AI is a set of skills such as the ability to think, know, plan, learn, communicate, sense, and manipulate and move objects. General intelligence (or “strong AI”) is one of the industry’s long-term goals. ChatGPT features: Multilingual: GPT can chat not only in English, but also in other languages, the list of languages also includes Uzbek;

Creative response: ChatGPT can write unique texts for content, including stories and poems;

Ability to work with codes: Artificial intelligence can help programmers work with their codes, find errors in codes, and format them;

Information search: GPT can find what you are looking for through its ever-expanding database. ChatGPT, launched by the OpenAI project, is a generative artificial intelligence. It is useful in creating text responses and can offer various solutions, from simple conversations to solving complex problems. Here is a brief description of ChatGPT features:

Multilingual chat: GPT can chat not only in English, but also in other languages, the list of languages also includes Uzbek;

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Information search: GPT can find what you are looking for through its ever-expanding database. Artificial Intelligence can be used in many areas. Its capabilities have already entered our daily lives. At the consumer level, this includes the recently updated Google Search, smart accessories, and even robot vacuum cleaners. Smart speakers equipped with Alexa or Google voice assistants are also clear examples of AI. Popular AI chatbots such as ChatGPT, Microsoft Copilot, and Claude can be useful for a variety of tasks. For example, they can be used to simplify complex information, prepare emails or project plans, and even write creative stories. However, AI cannot distinguish between fact and fiction. Therefore, it can sometimes provide incorrect or fabricated information. For this reason, if you are not sure about the facts or sources provided by the chatbot, you should check the results with independent sources. One of the main uses of AI in consumer products is personalization. This can range from targeted advertising to biometric security. For example, it’s the reason your phone’s Face ID can recognize

your face when you unlock it. It does this by analyzing billions of people's faces and learning your facial structure. It then adjusts certain data points to match your face. This is a more advanced type of AI that researchers are still working on. It requires understanding and remembering emotions, beliefs, and needs, and making decisions based on them. This type of machine requires a true understanding of humans. Self-aware AI.

This refers to the future of AI, where machines will have their own consciousness, sentience, and self-awareness. This type of AI is still theoretical and could have the ability to understand and capture emotions, which could lead to the formation of beliefs and desires in them.

3. Technology-based. Machine Learning (ML).

AI systems that are capable of self-improvement through experience, without direct programming. They focus on creating software that can learn independently by accessing and using data. Deep Learning (DL).

A subset of ML that includes multiple layers of neural networks. It is used to learn from large amounts of data and is a technology for voice control in consumer devices, image recognition, and many other applications. Natural Language Processing (NLP).

This AI technology allows machines to understand and interpret human language. It is used in chatbots, translation services, and sentiment analysis applications.

Robotics.

This field involves the design, construction, operation, and control of robots and computer systems, as well as their use for sensory processing and information processing. Computer Vision

This technology allows machines to interpret the world visually and is used in applications as diverse as medical image analysis, surveillance, and manufacturing.

Expert Systems.

These AI systems answer questions and solve problems in a specific domain of expertise using rule-based systems. We may be far from creating machines that can solve all problems and are self-aware. However, we should focus our efforts on understanding how machines can teach and learn independently and make decisions based on past experiences.

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