SUN’IY INTELLEKTNING KUNDALIK HAYOTGA TA’SIRI.

Ikromjonova Dilnoza Botirjon qizi

Toshkent Kimyo Xalqaro Universiteti Namangan filialali.

Ingliz tili yo’nalishi, 2-bosqich talabasi.

dilnozaikromjonova054@gmail.com

+998940757170

The impact of artificial intelligence on everyday life.

Ikromjonova Dilnoza Botirjon qizi

Kimyo International University in Tashkent Namangan branch, 2nd year student of English language department.

dilnozaikromjonova054@gmail.com

Annotatsiya

Ushbu ishda sun’iy intellektning kundalik hayotdagi o‘rni va ahamiyati tahlil qilinadi. Xususan, uning ta’lim, tibbiyot, transport va iqtisodiyot kabi muhim sohalarga qanday ta’sir ko‘rsatayotgani yoritiladi. Shuningdek, sun’iy intellekt texnologiyalarining inson hayotini yengillashtirishdagi afzalliklari hamda ayrim salbiy jihatlari va yuzaga kelishi mumkin bo‘lgan xavflari ko‘rib chiqiladi. Bundan tashqari, sun’iy intellektning kelajakdagi rivojlanish istiqbollari va jamiyat taraqqiyotidagi o‘rni haqida ham umumiy tahlil beriladi.

Kalit so’zlar: Sun’iy intellekt, SI, texnologiya, avtomatlashtirish, mashinaviy o‘rganish, kundalik hayot, ta’lim, tibbiyot, transport, raqamli tizimlar, big data, algoritm, chatbot, aqlli tizimlar.

Annotation

This work analyzes the role and importance of artificial intelligence in everyday life. In particular, it highlights how artificial intelligence impacts important fields such as education, healthcare, transportation, and economics. It also examines the advantages of artificial intelligence technologies in making human life easier, as well as certain disadvantages and possible risks that may arise. In addition, a general analysis is provided on the future development prospects of artificial intelligence and its role in the progress of society.

Keywords: Artificial intelligence, AI, technology, automation, machine learning, everyday life, education, healthcare, transportation, digital systems, big data, algorithm, chatbot, intelligent systems.

SUN’IY INTELLEKTNING KUNDALIK HAYOTGA TA’SIRI

So‘nggi yillarda sun’iy intellekt (SI) inson hayotining deyarli barcha sohalariga kirib kelmoqda. U texnologik taraqqiyotning eng muhim yo‘nalishlaridan biri sifatida jamiyatning rivojlanishiga sezilarli ta’sir ko‘rsatmoqda. Sun’iy intellekt deganda insonning fikrlash, o‘rganish, qaror qabul qilish kabi aqliy jarayonlarini kompyuter tizimlari va dasturlar yordamida modellashtirish tushuniladi.

Bugungi kunda SI nafaqat ilm-fan va sanoatda, balki kundalik hayotda ham keng qo‘llanilmoqda. Telefonlar, internet xizmatlari, transport tizimlari, tibbiyot, ta’lim va hatto uy-ro‘zg‘or texnikalarida ham sun’iy intellektdan foydalanilmoqda. Bu esa inson hayotini yengillashtirish bilan birga yangi imkoniyatlar va muammolarni ham yuzaga keltirmoqda.

Sun’iy intellektning kundalik hayotdagi o‘rni

Sun’iy intellektning eng ko‘p uchraydigan qo‘llanish sohalaridan biri bu smartfon va raqamli qurilmalardir. Masalan, ovozli yordamchilar (Siri, Google Assistant va

boshqalar) foydalanuvchilarga turli vazifalarni bajarishda yordam beradi. Shuningdek, ijtimoiy tarmoqlarda kontent tavsiyalari, reklama tizimlari ham SI algoritmlari asosida ishlaydi.

Internet qidiruv tizimlari ham sun’iy intellekt yordamida foydalanuvchining qiziqishlarini tahlil qilib, eng mos natijalarni ko‘rsatadi. Bu esa vaqtni tejash va samaradorlikni oshirishga xizmat qiladi.

Ta’lim sohasida sun’iy intellekt

Ta’lim tizimida sun’iy intellektning roli tobora ortib bormoqda. Onlayn platformalar (masalan, masofaviy o‘qitish tizimlari) o‘quvchilarga individual yondashuvni ta’minlaydi. SI yordamida o‘quvchilarning bilim darajasi tahlil qilinib, ularga mos o‘quv materiallari tavsiya etiladi.

Bundan tashqari, avtomatik test tekshirish tizimlari o‘qituvchilarning ishini yengillashtiradi. Virtual o‘qituvchilar va chatbotlar esa talabalar savollariga tezkor javob berish imkonini yaratadi.

Tibbiyotda sun’iy intellekt

Tibbiyot sohasida SI juda muhim rol o‘ynaydi. Kasalliklarni erta aniqlash, diagnostika qilish va davolash jarayonlarida sun’iy intellektdan foydalanilmoqda. Masalan, rentgen yoki MRT tasvirlarini tahlil qilishda SI tizimlari shifokorlarga aniqroq xulosa chiqarishda yordam beradi. Shuningdek, bemorlarning sog‘lig‘ini monitoring qilish, dori vositalarini ishlab chiqish va epidemiologik tadqiqotlarda ham sun’iy intellekt katta ahamiyatga ega.

Transport va kundalik harakatlanish

Transport sohasida ham sun’iy intellekt keng qo‘llanilmoqda. Navigatsiya tizimlari (Google Maps va boshqalar) eng qisqa va tez yo‘llarni aniqlab beradi. Avtonom

avtomobillar esa inson aralashuvisiz harakatlanish imkoniyatiga ega bo‘lib bormoqda.

Shuningdek, yo‘l harakati xavfsizligini ta’minlashda ham SI tizimlari ishlatiladi. Masalan, kameralar orqali transport oqimi nazorat qilinadi va tirbandliklar oldini olishga yordam beriladi.

Iqtisodiyot va biznesda SI

Korxonalar va biznes sohasida sun’iy intellekt mijozlar bilan ishlashni avtomatlashtirish, marketing strategiyalarini ishlab chiqish va ma’lumotlarni tahlil qilishda muhim rol o‘ynaydi. Chatbotlar mijozlarga 24/7 xizmat ko‘rsatadi. Shuningdek, SI yordamida katta hajmdagi ma’lumotlar (big data) tahlil qilinib, biznes qarorlar qabul qilishda foydalaniladi. Bu esa kompaniyalarning samaradorligini oshiradi.

Sun’iy intellektning afzalliklari

Sun’iy intellektning asosiy afzalliklari quyidagilardan iborat:

jarayonlarini avtomatlashtirish

Vaqt va resurslarni tejash

Aniqlik va samaradorlikni oshirish

Inson xatolarini kamaytirish

Murakkab muammolarni tez hal qilish

Sun’iy intellektning kamchiliklari va xavflari

Shu bilan birga, sun’iy intellekt bir qator muammolarni ham keltirib chiqaradi. Eng asosiy muammolardan biri bu ish o‘rinlarining qisqarishi hisoblanadi. Ko‘plab kasblar avtomatlashtirilishi natijasida inson mehnatiga talab kamayishi mumkin.

Bundan tashqari, shaxsiy ma’lumotlar xavfsizligi masalasi ham dolzarb. SI tizimlari katta hajmdagi ma’lumotlarni yig‘gani uchun ularning noto‘g‘ri qo‘llanilishi xavfi mavjud. Shuningdek, haddan tashqari texnologiyaga bog‘lanish insonlarning mustaqil fikrlash qobiliyatiga ham salbiy ta’sir ko‘rsatishi mumkin.

Kelajakda sun’iy intellekt yanada rivojlanib, inson hayotining ajralmas qismiga aylanishi kutilmoqda. Aqlli shaharlar, avtomatlashtirilgan ishlab chiqarish tizimlari va ilg‘or tibbiyot texnologiyalari SI asosida rivojlanadi. Biroq, bu jarayonda etik me’yorlar va xavfsizlik qoidalariga rioya qilish juda muhim hisoblanadi. Sun’iy intellekt insoniyatga xizmat qilishi, uni almashtirmasligi kerak.

Xulosa qilib aytganda, sun’iy intellekt bugungi kunda inson hayotining deyarli barcha jabhalariga chuqur kirib kelgan. U kundalik hayotni yengillashtirish, samaradorlikni oshirish va yangi imkoniyatlar yaratishda muhim vosita bo‘lib xizmat qilmoqda. Shu bilan birga, uning salbiy tomonlarini ham inobatga olish va nazorat qilish zarur. To‘g‘ri va oqilona foydalanilgan sun’iy intellekt kelajakda jamiyat rivojlanishining asosiy drayverlaridan biri bo‘lib qoladi.

THE IMPACT OF ARTIFICIAL INTELLIGENCE ON DAILY LIFE

In recent years, artificial intelligence (AI) has been entering almost all areas of human life. It is considered one of the most important directions of technological progress and has a significant impact on the development of society. Artificial intelligence refers to the modeling of human intellectual processes such as thinking, learning, and decision-making through computer systems and software.

Today, AI is widely used not only in science and industry but also in everyday life. It is applied in mobile phones, internet services, transportation systems, healthcare, education, and even household appliances. This both simplifies human life and creates new opportunities as well as certain challenges.

The Role of Artificial Intelligence in Daily Life

One of the most common areas of AI use is smartphones and digital devices. For example, voice assistants such as Siri, Google Assistant, and others help users perform various tasks. Social media platforms also use AI algorithms for content recommendations and advertising systems. Search engines analyze user interests and provide the most relevant results. This helps save time and increase efficiency.

Artificial Intelligence in Education

The role of AI in education is steadily increasing. Online learning platforms provide personalized learning experiences for students. AI analyzes students’ knowledge levels and recommends suitable learning materials. In addition, automated test-checking systems make teachers’ work easier. Virtual teachers and chatbots also allow students to receive quick answers to their questions.

Artificial Intelligence in Healthcare

AI plays an important role in healthcare. It is used in early disease detection, diagnosis, and treatment processes. For example, AI systems help doctors make more accurate conclusions when analyzing X-ray and MRI images. Furthermore, AI is important in patient health monitoring, drug development, and epidemiological research.

Transportation and Mobility

AI is widely used in the transportation sector. Navigation systems such as Google Maps determine the shortest and fastest routes. Autonomous vehicles are also becoming capable of operating without human intervention. AI is also used in ensuring road safety. Traffic flow is monitored through cameras, helping to reduce congestion and improve traffic management.

Artificial Intelligence in Economy and Business

In business, AI plays an important role in automating customer service, developing marketing strategies, and analyzing data. Chatbots provide 24/7 customer support. Big data analysis helps businesses make better decisions, increasing overall efficiency and productivity.

Advantages of Artificial Intelligence

Automation of work processes

Saving time and resources

Increasing accuracy and efficiency

Reducing human errors

Solving complex problems quickly

Disadvantages and Risks of Artificial Intelligence

At the same time, AI also brings certain challenges. One of the main issues is job displacement, as many tasks are becoming automated. Another important concern is data privacy. Since AI systems collect large amounts of data, there is a risk of misuse. In addition, excessive dependence on technology may negatively affect human independent thinking skills.

Future Prospects

In the future, artificial intelligence is expected to develop even further and become an essential part of human life. Smart cities, automated production systems, and advanced medical technologies will be based on AI. However, it is important to follow ethical standards and safety regulations. AI should serve humanity rather than replace it.

Conclusion

In conclusion, artificial intelligence has deeply penetrated almost all aspects of human life today. It plays an important role in making life easier, improving efficiency, and creating new opportunities. At the same time, its negative aspects must also be considered and controlled. When used properly and wisely, artificial intelligence will remain one of the main drivers of future development.

References:

1. Russell S., Norvig P. *Artificial Intelligence: A Modern Approach*. Pearson, 2021.
2. Goodfellow I., Bengio Y., Courville A. *Deep Learning*. MIT Press, 2016.
3. Kaplan J. *Artificial Intelligence: What Everyone Needs to Know*. Oxford University Press, 2020.
4. Stanford University. *AI Index Report 2024*.
5. World Health Organization. *Artificial Intelligence in Healthcare Report*, 2023.