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OPPORTUNITIES OF DIGITAL TECHNOLOGIES

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Annotation
Digital technologies are driving new ways of working and thinking while opening-up opportunities that we could not have imagined. For instance, it can assist policymakers to better understand how our natural world -- such as forests, coral reefs, or glaciers -- are changing in real-time and where to take action. Look at UNDP's Data Futures Platform for example, it provides policymakers with the latest data and analytics to inform key areas like vaccine inequity

Keywords: Cyber Security, digital technology, socio-economic, advanced technologies, payment of taxes and data storage, fraud, tax authorities, 189.1 billion dollars, 274.3 billion dollars, artificial intelligence, digital education, digitization, online education, distance education.

ВОЗМОЖНОСТИ ЦИФРОВЫХ ТЕХНОЛОГИЙ

Аннотация:
Цифровые технологии открывают новые способы работы и мышления, открывая возможности, о которых мы даже не догадывались. Например, это может помочь политикам лучше понять, как наш природный мир, такой как леса, коралловые рифы или ледники, меняется в режиме реального времени и где нужно действовать. Взгляните, например, на Платформу будущего данных ПРООН, которая предоставляет политикам последние данные и аналитику для информирования таких ключевых областей, как несправедливость в отношении вакцин.

Ключевые слова: Кибербезопасность, цифровые технологии, социально-экономические, передовые технологии, уплата налогов и хранение данных, мошенничество, налоговые органы, 189,1 млрд долларов, 274,3 млрд долларов, искусственный интеллект, цифровое образование, цифровизация, онлайн-образование, дистанционное образование.

RAQAMLI TEXNOLOGIYALARNING IMKONIYATLARI

Annotatsiya:
Raqamli texnologiyalar yangicha ishlash va fikrlash usullarini boshqarmoqda va biz tasavvur ham qila olmagan imkoniyatlarni ochmoqda. Masalan, u siyosatchilarga bizning tabiiy dunyomiz, masalan, o'rmonlar, marjon riflari yoki muzliklar real vaqtda qanday o'zgarib borayotganini va qayerda harakat

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qilish kerakligini yaxshiroq tushunishga yordam beradi. Masalan, BMTTDning Data Futures Platformasiga qarang, u siyosatchilarga vaktsina tengsizligi kabi asosiy sohalarni xabardor qilish uchun eng so‘nggi ma’lumotlar va tahlillarni taqdim etadi.

Kalit so‘zlar: Kiberxavfsizlik, raqamli texnologiyalar, ijtimoiy-iqtisodiy, ilg‘or texnologiyalar, soliqlarni to‘lash va ma’lumotlarni saqlash, firibgarlik, soliq organlari, 189,1 milliard dollar, 274,3 milliard dollar, sun’iy intellekt, raqamli ta’lim, raqamlashtirish, onlayn ta’lim, masofaviy ta’lim.

Digital technologies have become so embedded in our lives that today not only our daily activities, but also the development of socio-economic spheres cannot be imagined without them. Naturally, as in other areas, the introduction of advanced technologies in the tax administration is fundamentally changing its activities. It is not only related to the relationship between taxpayers and tax authorities, but also introduces innovations from filing of declarations to methods of payment of taxes and data storage. Today, digital technologies are rapidly developing and require keeping up with the times in every field. For example, the introduction of artificial intelligence technology helps to detect cases of tax evasion, prevent fraud, analyze data and automate processes and increase transparency, while large-volume data - Big data provides an opportunity to store and process a large amount of data received by tax authorities, better predict revenues and improve document exchange between taxpayers and tax authorities. Data is the most important factor in the digital age. Big Data technology is of great importance in collecting them and drawing conclusions based on studies. It is also often used to refer to predictive analytics of weighted data or other methods of extracting value from data. Revenues from Big Data technologies are growing year by year. It was 189.1 billion dollars in 2019, and it is expected to reach 274.3 billion dollars in 2022. In countries such as the USA and Australia, special state programs for the development and financing of large-scale data technologies have been developed. According to the President's decision "On measures to create conditions for the rapid introduction of artificial intelligence technologies", from March 1 of this year, the Digital Technologies and Artificial Intelligence under the Ministry of Information Technologies and Communications Development establishment of a scientific-research institute for development, organization of scientific research aimed at the comprehensive implementation of the "Digital Uzbekistan - 2030" strategy and introduction of artificial intelligence technologies in the economic sectors, social sphere and state management system; it will be of great importance in conducting fundamental and applied scientific research in this direction. Digital technologies are electronic tools, systems, devices and resources that generate, store or process data. Well-known examples include social media, online games, multimedia and mobile phones. Digital learning is any type of learning that uses technology.

Technology affects the way individuals communicate, learn, and think. It helps society and determines how people interact with each other on a daily basis. Technology plays an important role in society today. It has positive and negative effects on the world and it impacts daily lives. Digital technology enables immense amounts of information to be compressed on small storage devices that can be easily preserved and transported. Digitization also quickens data transmission speeds. Digital technology has transformed how people communicate, learn, and work.

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It enables online education, distance learning, and access to up-to-date information. Because each student interprets this information differently, technology can enable more research into subjects that are more difficult to learn.

Which technology will impact the future? Artificial intelligence, or AI, and machine learning refer to the ability of machines to learn and act intelligently, meaning they can make decisions, carry out tasks, and even predict future outcomes based on what they learn from data.

Listed Below Are the Top New Technology Trends, 2022.

- Robotic Process Automation (RPA)
- Edge Computing.
- Quantum Computing.
- Virtual Reality and Augmented Reality.
- Blockchain.
- Internet of Things (IoT)
- 5G.
- Cyber Security.

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