

## **In the Development of the Digital Economy the Importance of Artificial Intelligence**

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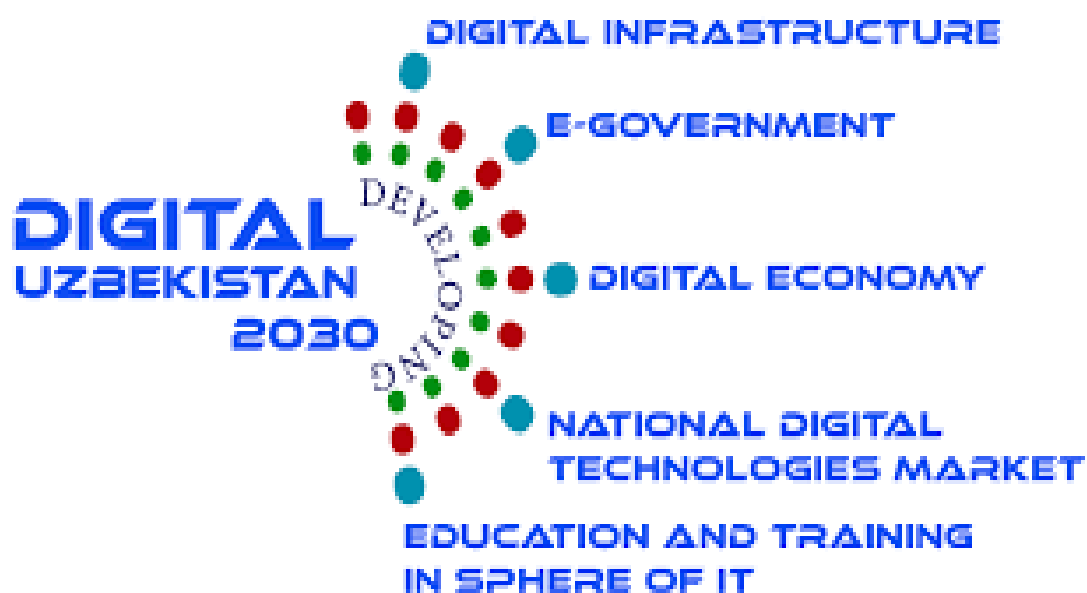
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**Abstract:** In this article, the development of the digital economy system stages, the importance of artificial intelligence in its growth and renewal, and about the benefits of this direction in the future, including the world an opinion about the development of the economy of our country, having studied the experience is held.

**Keywords:** Digital economy, artificial intelligence, stages of development, statistics, world experience, production, industry.

### **INTRODUCTION**

Internationally, there is a growing interest in artificial intelligence and digital in the leading countries in terms of economy (USA, China, Great Britain, Japan, Germany, France, etc) to develop artificial intelligence strategy is important. In addition, scientific publications and patents on SI is observed to grow. In accordance with the "Digital Uzbekistan - 2030" Strategy and artificial intelligence rapid introduction of technologies and their widespread use in our country, digital ensuring the availability of information and their high quality, this favorable conditions are being created for the training of qualified personnel in the field.



1 – picture. Digital Uzbekistan 2030 strategy

In particular, the President of the Republic of Uzbekistan "Digital economy and electronic on the measures of wide implementation of the government" and State to the population automation of procedures for providing social services and assistance decisions on additional measures and other normative legal documents accelerate digitization in our country and social- aimed at the introduction of modern technologies in the economic spheres.

## METHODS AND LITERATURE REVIEW

It is known that modern artificial intelligence is designed to perform various actions consists of algorithms and software systems, and one is that the human mind can perform how many tasks it performs based on the information entered into the information base.

Also, artificial intelligence deals with complex analysis and big data including programmes, making logical and consistent judgments and making recommendations is a "smart" technology capable of Artificial by experts intelligence is considered as the basis of the fourth industrial revolution.

Manifested as a new stage of economic and technological development The ongoing digital revolution is rapidly changing the life of mankind along with the creation of opportunities, further tightening of the field of international competition started the era.

In order to assess the state of digital transformation in the regions in accordance with the "Digital Uzbekistan - 2030" strategy, a methodology for rating the level of digital development of the regions was developed, and with this, an opportunity was created to diagnose the state of digitization in the regions.

In the rating evaluation methodology, the indicators used by the United Nations (UN) in evaluating the development of information technologies and the introduction of electronic government in the countries of the world were adopted. The rating evaluation procedure consists of 4 priority areas:

- "Digital infrastructure" (35 points) - coverage of settlements with Internet, mobile communication, "Wi-Fi" points, etc. is evaluated;
- "Digital economy" (25 points) - the effective use of electronic invoices and online cash registers, the state of the local IT services market, the introduction of an automated system of accounting and control of electricity and natural gas consumption, etc. are evaluated.
- "Digitalization of the social sphere" (20 points) - assessment of the state of Internet use in social institutions (kindergartens, schools, polyclinics), as well as the state of introduction of educational and other systems and software products.
- "Digital education" (20 points) - schools with computer science teachers with a diploma in the field, and coverage of students under the "One million programmers" program, employment of the population in the IT sector, IT- of educational centers and others.

The final grade of the areas is "green" - a good grade (from 71 to 100 points), "yellow" - a satisfactory grade (from 55 to 71 points), and "red" - an unsatisfactory assessment result (below 55 points). According to the results of 2020, 203 districts of the republic were assessed, and the results were determined.

There are 28 (14%) districts and cities of the republic with a good evaluation of digitization status ("green" list), among which the top ten are: Navoi, Jizzakh, Namangan, Samarkand, Andijan and Fergana cities, as well as Almazor, Yunusabad, Yakkasaroy and Yashnabad districts of Tashkent city.<sup>1</sup>

The digital economy is used to represent two different concepts.

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<sup>1</sup> Information "Ministry of Information Technologies and Communications Development of the Republic of Uzbekistan".

## Results

First, the digital economy is considered a modern stage of development is characterized by the priority of creative work and information benefits.

Secondly, digital economy is a unique concept and its object of study information society.

Today's rapidly developing global in the economic conditions, the digital economy is in the initial period of its development and several decades before the transition of our time to the digital information stage constitutes In general, the digital economy is the analysis of processes based on the use of results and processing of large volumes of data various productions, technologies, equipment, goods and services it is possible to significantly increase the efficiency of storage, sales and delivery

information in digital form was considered the main factor of production is an activity. Massive data in the future of modern development technologies for working with Big Data, artificial intelligence, neurotechnologies, quantum technologies, Internet of Things, robotics and sensors, digital electronics platforms, cloud and mobile technologies, virtual and augmented reality technologies, crowdsourcing, blockchain technologies, cryptocurrencies and ICO, 3D- Digital technologies, like digital technologies, are becoming crucial.

The President of our country Sh.M. Mirziyoev's information on February 13, 2020 the statistician gave at the event dedicated to the development of technologies according to the data of the digital economy in the United States in the gross domestic product share is 10.9 percent, 10 percent in China, 5.5 percent in India.

## ANALYSIS

In Uzbekistan the indicator does not exceed 2 percent. The importance and impact of digitization just a few of the big ones from the last decade to gauge how much it's growing of global market capitalization of technology companies and digital platforms it is enough to see the share. In particular, the UN Conference on Trade and Development as noted in the data, this figure was 16 percent in 2009 and reached 56% by the end of 2018. In recent years, the national the extensive modernization of our economy social and economic life of our country and the state within the framework of comprehensive reforms a number of measures to introduce digital technologies into the management system done.

Diversification of various forms of investment and business activity activities in the field of crypto-asset circulation, including mining, smart- contract, consulting, issuance, exchange, storage, distribution, management, introduction of insurance, crowd-funding technologies and in the field of development and use of modern technologies good understanding of information and communication technologies, practical work training of qualified personnel with skills, as well as highly qualified foreigners experts should be involved. State in the field of introducing innovative ideas, technologies and developments for the further development of the digital economy close cooperation of bodies and business entities is ensured. For example, the implementation of the "Electronic Government" system in our country is digital is an integral part of economic development and its main goal

Simplification of the transition from administrative procedures and procedures, the quality of life of the population aimed at increasing, improving the investment and business environment.

## DISCUSSION

Digital in the conditions of globalization and technological development of the world economy technologies not only increase the quality of products and services, but also increase costs reduces At the same time, I am very worried and disturbed They are also an effective tool in eliminating the most serious evil of corruption. Some elements of the digital economy are already in the life of our country is working successfully. Including documents and mass transfer

of communications to digital means account allow electronic signature, communication with the state is also electronic being transferred to platforms.

86 (42%) districts were included in the "green" list and scored more than 71 points according to the evaluation of "Digital infrastructure", the first ten of which are Khiva, Fergana, Zarafshan, Bekobod, and Mirzachol, Ukhtepa, Almazor, Zarbdar, Norin and Shaikhontokhur districts.

At the same time, 73 (36%) districts were included in the "yellow" list, and 44 (22%) districts were included in the "red" list (Forish, Dehkanabad, Koshrabot, Karao (Zak, Yakkabog, Chirchik, Qamashi, Koshtepa, Shumanay, Amudaryo and other districts).

22 (11%) districts were included in the "green" list with a score of more than 71 points according to the evaluation of the direction of "Digital economy", Navoi, Termiz, Jizzakh, Nukus are among the top ten. , Namangan, Gulistan cities and Chilonzor, Yakkasaroy, Uchtepa districts and G'izhduvon district of Tashkent city.

At the same time, 26 (13%) districts entered the "yellow" list and 155 (76%) districts (cities) entered the "red" list (Chinoz, Parkent, Akkurgan) , Yangiyol, Izbosgan, Ulug'nor, Uchkuduq, Buka, Akdarya, Zafarabad, Bulung'ur, Kuyichirchik and other districts).

61 (30%) districts scored more than 71 points in the evaluation of "Digitalization of the social sector" and entered the "green" list, the top ten of which are Khiva and Karshi cities and Shaikhontohur, Sergeli, Almazor, Uchtepa, Bektemir, Yakkasaroy, Chilonzor, Yunusabad districts of Tashkent. At the same time, 43 (21%) districts were included in the "yellow" list and 99 (49%) districts were included in the "red" list (Rishton, Urgut, Buvida, Dangara, Toshloq, Zomin , Kuva, Uchkoprik, Chirakchi, Shahrikhan, Bandikhon, Amudarya and other districts).

According to the assessment of the "Digital education" direction, only 13 (6%) districts with a score higher than 71 points were included in the "green" list, Samarkand, Andijan, Urganch are among the top ten, Namangan, Jizzakh, Navoi, Nukus, Bukhara, Karshi cities and Yunusabad district of Tashkent city. At the same time, 23 (12%) districts were included in the "yellow" list, and 167 (82%) districts were included in the "red" list Chirakchi, Ukurenichirchik, Bo'stonliq, Mirishkor, Takhiatosh, Takhtakopir, Fergana, Shafirkon, Kattakurgan, Tomdi, Pakhtaabad, Gulistan and other districts.

**1 - Table. Apps which is the most used in Uzbekistan nowadays**

N/	Names of the apps	Percents
1	Uzum market	72 %
2	Instagram	45 %
3	Telegram	44 %
4	Zoodmall	43 %
5	OLX	32 %
6	Technomart	28 %
7	Alif	28 %

They are distinguished from other apps by their convenience and speed.

## CONCLUSION

In conclusion, the scale of the digital economy is expanding it is necessary to strengthen international cooperation as much as possible. The present of human development economic sectors, social sphere and public administration during the period and in the near future qualitative development of the system with the widespread introduction of digital technologies is

directly related. It is also the perspective of our country's development the development of the digital economy and the level of coverage of digital technologies relies on Strengthening international cooperation in the field of digital economy, projects of mutual cooperation with leading international technological companies should do.

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