

## PROBLEMS AND SOLUTIONS IN THE DEVELOPMENT OF DIGITAL ECONOMY IN OUR COUNTRY.

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**Djumaeva Zamira Bustonovna.**

*Asian International University.*

*Lecturer, Department of Economics.*

### **Abstract**

*In this article, the main elements of the development of the digital economy, the development of information and communication technologies, problems and solutions in the development of the digital economy in our country, the advantages of the development of the digital economy, as well as the recommendations and suggestions regarding the improvement of digital commerce in our country are mentioned.*

### **Keywords**

*digital economy, online services, electronic payments, Internet trade, crowdfunding, digital computer technologies, electronic display, data analysis, automation.*

The concept of digital economy was defined relatively recently, in 1995 by Nicholas Negroponte, an American scientist from the University of Massachusetts. The scientist mentioned what changes may occur during the transition from the old economy to the new economy following the intensive development of information and communication technologies.

The digital economy is an economic activity in which the main factor in production and service is information in the form of numbers, with the help of processing large amounts of information and analyzing the results of this processing, is to implement more effective solutions than the previous system in production, service, technologies, devices, storage, product delivery. In other words, the digital economy is an activity connected with the development of digital computer technologies in the provision of online services, electronic payments, internet trade, crowdfunding and other types of industries.<sup>66</sup>

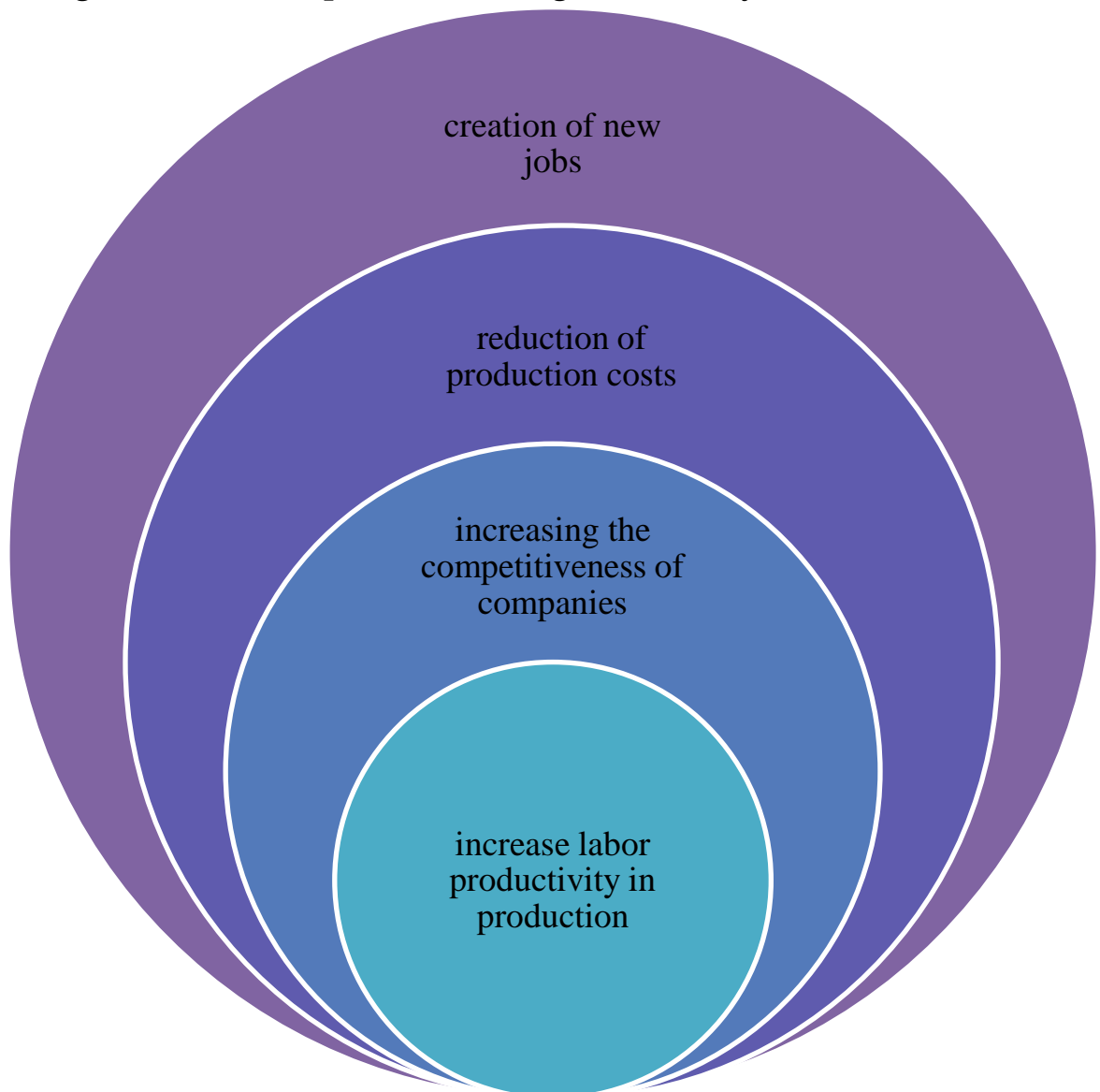
E-commerce, internet banking, electronic payments, internet advertising and, at the same time, internet games are seen as the main elements of digital economy development.

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<sup>66</sup> <https://www.texnoman.uz/post/raqamli-iqtisodiyot-nima.html>

Of course, the development of information and communication technologies, the application of modern technologies to our lives can provide many positive opportunities in the life of every person. Following the development of digital technologies, a person can use the service he needs faster, save a lot of money by buying the products he needs cheaply through the Internet. For example, buying a book in electronic form can cost you much less than buying the same book in printed form. Otherwise, an ordinary consumer can become an entrepreneur himself and engage in online sales without leaving his home.

**Advantages of the development of the digital economy.**



The emergence of new modern professions, overcoming poverty and social inequality is also one of the main disadvantages of the digital economy.

The development of the digital economy has a positive impact on our daily life, provides many additional opportunities to the average user, and can also ensure the growth and development of the market.<sup>67</sup>

To meet customers' growing demands for more choice, convenience and faster delivery, companies are integrating e-commerce offerings to create a seamless, online shopping experience where customers<sup>68</sup>:

- research and review products and services before purchasing in the online store;
- place an order in the store through interactive kiosks, personal concierge services and other offers before shopping in the online store;
- use of any device - computer, smartphone, smart watch, digital assistant, etc. for shopping anytime and anywhere;
- receive personalized recommendations, coupons and other online offers based on information collected online or in-store;
- arrange for delivery of goods to their desired location (home or nearby store), often next day or every day;
- placing an online order from another store if the desired product is not available in this store (by style, size, color, etc.).

Digital economy is developing in Uzbekistan<sup>69</sup> as well as in other countries of the world. After the application of information technologies in our daily life, many opportunities are created for ordinary people. Nowadays, we can order many food products and meals without leaving home and have them delivered to our home.

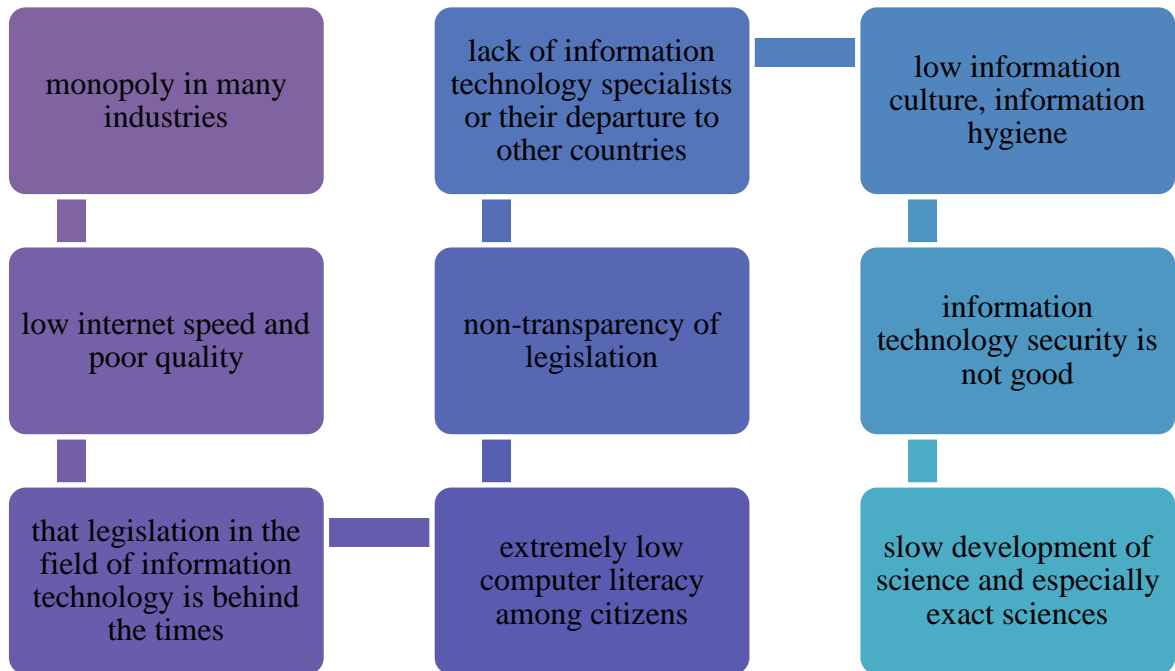
But it should be noted that the digital economy in Uzbekistan is developing several times slower than the potential of Uzbekistan.

<sup>67</sup> <https://www.texnoman.uz/post/raqamli-iqtisodiyot-nima.html>

<sup>68</sup> <https://www.infosysbpm.com/blogs/digital-business-services/ecommerce-integration-guide.html#:~:text=What%20is%20eCommerce%20integration%3F,ERP%2C%20CRM%2C%20and%20marketing.>

<sup>69</sup> <https://gubkin.uz/en/sveden/1510/development-of-digital-economy-in-uzbekistan-and-problems-of-implementation-of-ict-in-enterprises>

### Problems in the development of the digital economy in our country



If the above-mentioned problems are solved gradually, systematically, based on world experience, Uzbekistan can easily become one of the countries with a developed digital economy.

In our country, special emphasis should be placed on science and education, and through this, the issue of developing the digital economy should be put on the agenda. After all, the greatest wealth is intelligence and knowledge, the greatest inheritance is good education, and the greatest poverty is ignorance.

What is the digital economy? it is considered as an integrated system of implementation of economic, social and cultural relations using digital technologies. In this case, the digital economy means moving the existing economy to a new system by creating new technologies, platforms and business models and introducing them into everyday life.

In recent years, in order to implement large-scale measures by the state to develop the digital sector of the economy, a number of normative legal documents have been signed by the President.<sup>70</sup>

In the digital age, economies are being reshaped by a range of new technologies, data analytics and automation. This transformation will have both positive and negative impacts on businesses and consumers, creating opportunities and concerns about employment levels and skill requirements.

At the core of digitization are a number of technological advances that have made information more accessible than ever before. These include cloud

<sup>70</sup> <https://yuz.uz/uz/news/ozbekistonda-raqamli-iqtisodiyotni-rivojlantirish>

computing, Big Data, artificial intelligence (AI), mobile technology, social media, robotics, the Internet of Things (IoT), and virtual reality-augmented reality (VR/AR). Each of these technologies has had a significant impact on how people interact, do business, and use services.

Innovation is at the heart of any developed economy. Technological advances are driving growth in a variety of industries, including healthcare, finance, and education. For example, AI can help identify trends in financial markets or make medical diagnoses more accurate than humans. Big Data analytics are being used to improve energy efficiency, and IoT devices can monitor energy consumption in real time.

As robots become more sophisticated, this trend could continue in other industries such as finance or healthcare, where simple tasks could be automated or replaced with AI-based applications, reducing the number of jobs.<sup>71</sup>

The growth of mobile Internet use also presents some challenges for businesses and workers. Lower costs can create more opportunities for businesses, but threaten existing jobs through automation or outsourcing. In addition, independent contractors who rely on online platforms need technical skills such as coding or understanding how algorithms work, as well as the ability to pursue professional success on their own terms rather than traditional employers dictating their hours or tasks. -needs self-discipline.

In conclusion, the mobile Internet in our country offers many advantages for both businesses and consumers - convenience, the ability to use anywhere at any time, fast communication - but these advantages come with employment problems that need to be solved. comes together.

3D printing, also known as additive manufacturing, is an innovative technology that has revolutionized the way businesses operate. It is a process in which objects are created by layering material until the desired shape is achieved. This manufacturing method offers companies many advantages, from shorter lead times and less need for inventory to greater flexibility in design and processes.

One of the questions surrounding the use of 3D printing technology is the potential impact on employment, particularly for traditional manufacturing jobs such as machine operators. While it's true that automation will make some jobs obsolete, companies will need other skills to take full advantage of this new technology. These include experienced professionals who understand how 3D printers work and how to create detailed designs using CAD software programs.

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<sup>71</sup> <https://www.linkedin.com/pulse/exploring-digital-economy-benefits-challenges>

The advantage of crowdfunding in the economy is that people can use the asset or service without directly owning it.<sup>72</sup>

This can be beneficial for both service providers and users. For example, car owners can earn extra income by renting out unused vehicles, and consumers can use different vehicles at different prices. In addition, shared resources often result in lower costs for users, as they only pay for what they need when they need it.<sup>73</sup>

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<sup>72</sup> <https://secrets.tinkoff.ru/razvitie/kraudfanding/>

<sup>73</sup> <https://www.linkedin.com/pulse/exploring-digital-economy-benefits-challenges>

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