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# DIGITAL TECHNOLOGIES IN THE MODERN WORLD

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A hundred years ago, no one would have thought that robots, technology, and modern scientific achievements would surround us everywhere. Now they have made our lives much easier, most of the actions are performed by robots: cashless payment at the checkout, robots-vacuum cleaners, smart homes, gadgets, wireless Internet, unmanned vehicles, artificial intelligence and much more.

Digital technologies are modern technologies with a huge amount of information for transmission, processing and storage on electronic media. Digital technologies are used in all spheres of public life: in education, business, training, manufacturing, medicine, and art. With the creation of all these technologies, the term digitalization appeared.

Digitalization is the process of transferring data into electronic form using digital symbols.

Digitalization goals:
• High-quality provision of services
• Efficiency of business processes
• The possibility of creating new technologies
• The possibility of creating innovations and the development of science
• Reliable data protection
• Control from anywhere in the world
• Collection, storage and processing of information

Digital technologies are our step into the future. They will make our lives simpler and more exciting. At the moment, it's hard to imagine how many new opportunities await us.

An important problem is the development of artificial intelligence. Artificial intelligence is able to solve absolutely all problems and issues

instead of a human, but it does not have feelings and emotions. So, what happens if artificial intelligence replaces human?

First, it is necessary to take into account that the number of work places will be significantly reduced, as robotics will replace people. Because of this, there may be problems with unemployment.

Secondly, these are problems with security, cybersecurity, and privacy. Data leakage will occur, and privacy may be violated.

Thirdly, it is the regulation of artificial intelligence. It is necessary to develop such regulation of all processes in order to eliminate all errors.

Digitalization has a huge number of advantages, but despite this, it also has a number of disadvantages. The advantages and disadvantages are presented in Table 1.

Table 1. Advantages and disadvantages of digitalization in the modern world

| Advantages | Disadvantages |
|---|---|
| Saving time. Reducing the use of paper. The availability of information at any time. Improving market production. Decreased mental activity. Business improvement. | Decreased mental activity. Data information leak. Learning new skills. The cost of improving technology. Program failures. Threats to cybersecurity. Pollution of nature. |

After analyzing all the advantages and disadvantages, we can conclude that digital technologies are a step towards the modern future, but it is necessary to implement them correctly. Only man can rule the world, make life easier for himself, create inventions and innovations. Digitalization is spreading all over the world. It is more developed in countries such as Norway, Sweden, Switzerland, Denmark, Finland, Singapore, South Korea and others The Republic of Belarus has a significant place on the world stage. It cooperates with a huge number of countries, which allow it to borrow new ideas in the field of innovation and robotics. This affects the prosperity of our country and brings it to a higher level. Now a huge number of companies are working in the IT field. The state actively participates in the development of the economy and creates all the necessary conditions.