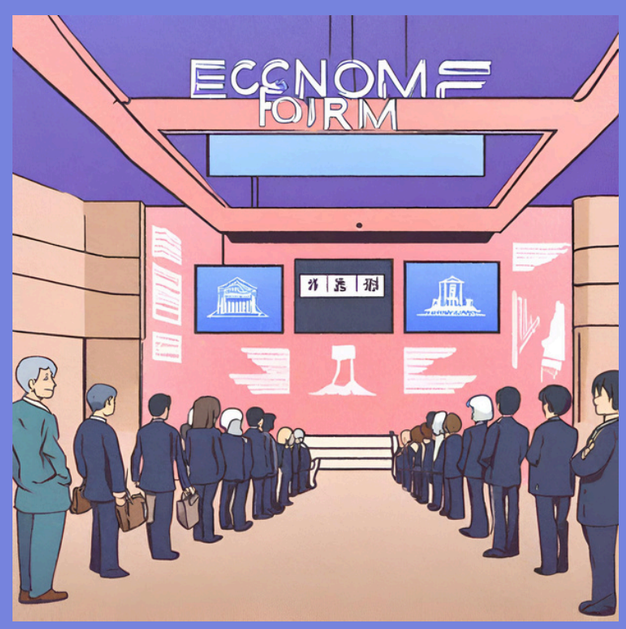
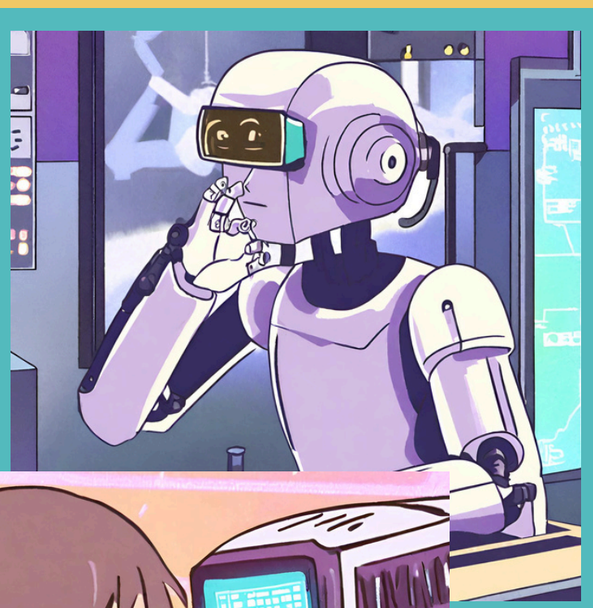
DIGITAL TRANSFORMATION IS NO LONGER A TREND BUT A REALITY

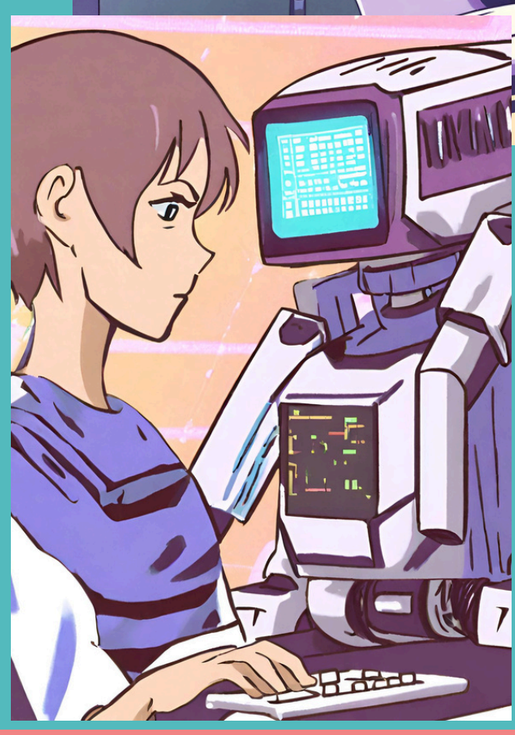
NEW PROFESSIONS IS YOUR FUTURE

World Economic Forum (2018) estimated, that 75million professions could disappear because of automation, but 133 million new professions will provide work. With the digital transformation of enterprises and organizations, the demand for all professions related to data analysis and digital technology support will increase [8] [10].



Robotics Specialist and Engineer- involved in the design, construction, programming, and operation of robots. Specialist who combines knowledge in the fields of mechanical engineering, electronics, computer science, and artificial intelligence. A robotics engineer designs and constructs robots for various applications, such as industrial, medical, and military robots, or robots used in space exploration. In addition, he also performs tasks related to robot programming and control. A robotics engineer may also be involved in maintaining and repairing robots and developing new technologies in the field of robotics[17]





UX designer and Machine-human interaction designer- look at the product from the point of view of user experience and design specific solutions with this in mind. UX Designers examine the interface in terms of communication between users and the product to ensure that the product meets the user's key needs. [16]

Having digital competencies is becoming necessary to be able to function in the labour market and be competitive. These include:
Communicating and collaborating using new tools - instant messengers, chats, etc.
Ability to work in a group, in a team, with division into roles.
The right selection of digital tools and platforms.
Digital thinking – it is a special ability to understand technologies that are constantly developing and to navigate in a changing environment.
The ability to think creatively and undertake continuous learning to update knowledge.
The ability to use available information and analyze it - thanks to digital technologies, it is much easier to extract valuable data from huge data sets. [7], [8]

DevOps Engineer- A large part of companies follows trends regarding automated software release processes and an agile approach to software development in general, which means that the profession is still in demand. [11]

Professions of the future

DevOps Engineer
Data Engineer
Data scientist
Big Data Specialist
AI/ML Engineer
UX designer and Machine-human interaction designer
Robotics Specialist and Engineer
Transformation Specialist (technological)
Sales department Specialis
Marketing Specialist in new technologies
Programmer and software analyst
Automation specialist
Innovation Specialist
E-commerce and Social Media Specialist
Training and Development Specialist
Service and solution designer.
Online strategy Service and solution designer. [10]

AI/ML Engineer is a specialist who deals with selecting the model learning method, its implementation, and the optimal way of providing data sets that will be used to learn the model. For some time now, the topic of ChatGPT, which is an artificial intelligence model that can answer questions, has been of great interest among IT specialists. What is interesting is that ChatGPT can already write simple programs, which led to a discussion about whether in the long run, it will take away the work of programmers by robotizing programming processes. Certainly, AI/ML engineering will be one of the most desired professions on the market. [15]

Data Engineer- is responsible for the design, development, and maintenance of the IT system with emphasis on appropriate selection and filtering of data (but without sophisticated tools, rather by arranging processes appropriate to the situation), as well as their processing and exposure. [12]

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