express one's thoughts clearly and succinctly is of great importance for the effective exchange of information.

Currently, the language situation among the residents of Ukraine is as follows: only 1.1% of Ukrainians speak English fluently, on the other hand, 7.5% have B1-B2 level, 19% - A2 and 27% - A1, and more than 44% do not know English at all. To solve the problem of the language barrier among IT professionals, it is important to create incentives for companies to promote the active learning of English among their employees by providing access to quality language courses and training. Strengthening international cooperation in the field of IT can contribute to the creation of conditions for even more active use of the English language in a professional environment. Currently, the national project "Future Perfect" is active, the goal of which is to popularize English as the language of international communication in Ukraine for everyone.

Therefore, it is important to consider English as a key element in all aspects of IT training and development. I urge you to integrate language learning into all aspects of professional growth in order to make the most of the opportunities that modernity offers. Active learning of the English language will be a strategic step for achieving success and confident high-tech development in the IT field.

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ARTIFICIAL INTELLIGENCE AROUND US: CURRENT USES

Artificial Intelligence (AI) is rapidly becoming integrated into our daily operations, asserting its importance through a variety of applications and benefits, and fundamentally changing our lifestyles and work processes.

This discussion aims to identify the pivotal role Artificial Intelligence occupies in today's society, identify the underlying factors that make Artificial Intelligence indispensable and crucial, and explore its implications for the

future trajectory of society delve into the nuances of AI's impact and its evolving significance.

Artificial Intelligence is transforming our daily experiences, influencing everything from minor chores to decision-making. Here are some instances of how AI integrates into our routine activities, including some uses you might not have noticed.

Education. In this field, Artificial Intelligence is used in applications to learn different languages, etc. Another assistant provides communication between virtual teachers and adapts the material to the student for progress.

Personal Assistants. Automated assistants like Google Home, Siri and Alexa have become indispensable in everyday life. They can answer various questions, set reminders, control the phone remotely, and also manage smart home devices.

For example, a robot vacuum cleaner aids in household chores by independently maintaining cleanliness in the house.

Navigation. You can reach your destination in many ways, and with the use of artificial intelligence navigators such as Google Maps and Waze, you can find the most optimal route.

The program analyzes all possible paths, taking into account traffic jams, accidents, and various obstacles in real-time.

Social Media and applications. Various programs and social networks, such as TikTok, Instagram, YouTube, and Telegram, contain artificial intelligence that tracks user preferences and creates a feed of recommendations and content and advertising. chatbots are also useful, helping to quickly find any information that interests us from various sources.

Banking and Finance. Artificial intelligence has also significantly transformed the banking and financial sectors. Thanks to Artificial Intelligence, large processes such as document processing, data verification, credit history recording, forecasting market changes, as well as the implementation of chatbots and virtual operators that quickly assist customers with their banking needs, have been automated.

Shopping. Shopping is also being automated by artificial intelligence to personalize recommendations, optimize inventory, analyze customer behaviour, automate processes such as checkout and order processing, and even create virtual fitting rooms or interactive catalogues. Self-checkouts make extensive use of artificial intelligence to enable faster and more efficient purchase processing.

These may include computer vision technologies for product recognition, machine learning algorithms for fraud prevention and product weight determination, and voice or text instructions for users.

In conclusion, Artificial Intelligence is revolutionizing various sectors, enhancing education, simplifying daily tasks through personal assistants, optimizing travel with smart navigation, personalizing digital experiences, and streamlining banking, finance, and shopping processes.

This underscores AI's critical role in modern society, driving innovation and efficiency. As we leverage Artificial Intelligence, it's crucial to consider its ethical implications to ensure technology enriches human potential responsibly.

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ON THE DEVELOPMENT OF ARTIFICIAL INTELLIGENCE

Before delving into the realm of artificial intelligence (AI), let's rewind to the basic concept of intelligence itself. What does it mean to recognize intelligence, whether in a dog or a human? It often involves observing behaviors that go beyond instinct, such as a dog catching a ball or a child learning to solve problems. In this context, intelligent behavior extends beyond biological instincts and aims to achieve specific goals, often involving the ability to learn and improve.

Humans, driven by an insatiable curiosity, started to ponder whether machines could exhibit intelligent behavior. This curiosity led to exploring computer science, searching for the connection between a program and a computer analogous to the link between the mind and the brain. To instill intelligent behavior in machines, scientists developed the concept of machine learning, the foundation of AI. In essence, AI involves computer programs or robots endowed with the ability to learn and improve, solving problems traditionally performed by humans or other intelligent entities.