Revolution Technology Digital Change Aspects of Life

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Abstract. Various aspect life man has changed in a way significant by revolution technology digital. Digital technology has created opportunities and new obstacles in many ways, such as the way people interact One The same other, Work, Study, And get service health. In article This, we will discuss how the digital technology revolution impacts areas such as economics, education, social interactions, and data security and privacy issues. This study finds ways in which technology digital increase productivity, efficiency, And inclusion. They Also find problem that need to be considered. They use literature study methods and secondary data analysis.

Keywords Revolution Digital, Technology Digital, Transformation Social, Economy Digital, Privacy Data

1. INTRODUCTION

One of the most significant transformations in the history of human development is the digital technology revolution. Electronic devices, the internet, artificial intelligence (AI), big data, and other supporting technologies are examples of digital technologies that have changed almost every aspect of life. One sign of this transformation is the change in the way people, groups, and governments communicate, work, learn, and obtain essential services such as health, finance, and information.

The development of technologies such as the Internet of Things (IoT), cloud computing, and data-based technologies have accelerated globalization since the beginning of the 21st century. The world is increasingly connected, effective, and innovative. Digital economy, distance learning, And platform media social has change life daily person, Good individually and collectively.

However, the digital technology revolution also raises some major problems. There is a digital divide in between groups society that has access to technology and those that are not. In addition, due to the increasing use of technology related to personal data, the issue of data security and privacy is becoming more pressing. Technology, which should profitable, Also can cause problem social like isolation and mental health due to excessive use of digital media.

Study This aiming For give understanding Which more comprehensive about the changes brought by the digital technology revolution and efforts to overcome the challenges that arise. This research will do this by using literature study methods and secondary data analysis.

2. REVIEW LIBRARY

A. Transformation Economy through Technology Digital

Technology has played a huge role in the transformation of the world economy. As example, technology has allow adoption model business new like sharing economy, which has changed the way people access goods and services. This type of business model has giving rise to digital platforms like Airbnb and Uber, which are changing the way people access goods and services.

The global economy has evolved as a result of the digital revolution, which includes the emergence of the digital economy, which includes electronic commerce (e-commerce), financial technology (fintech), and increased productivity industry through the use of technology such as automation and artificial intelligence.

B. Revolution Technology in Education

World education on era revolution industry is at in time knowledge, or knowledge era, where knowledge increases exponentially. To enable the increase in knowledge, the application of digital media and technology in learning is needed. Learning activities carried out during the knowledge period must be in accordance with the needs of the knowledge period. Learning materials offer a more authentic challenge design where students can work together to find solutions to lesson problems.

Because teachers must have the ability to master and utilize technology digital in learning, era education 4.0 is challenge big for teachers. To improve education in Indonesia, the use of technology and the determination of objective And standard competence education is step First. National consensus between government And all over public support effort Which has carried out (Hasbullah, 2015). Fundamental changes in education are related to curriculum policies, which require changes to educational elements.

C. Change Pattern Social Interaction

The development of technology has brought about major changes in various aspects of human life, including in social matters. Technological progress does not only affect our way communicate and work, but also influence method our thinking, our values, and our social interactions. In this article, we will explore the relationship between social change and technological advancement and how this affects our daily

lives.

Changes in the way we communicate are one of the main impacts of technological progress. technology. With adoption technology like telephone handheld And Internet, we can now connect with people all over the world with easier and fast. Social media such as Facebook, Instagram, and Twitter allow us to instantly share ideas, thoughts, and experiences with others. This has changed the way we interact with each other and create social connections.

D. Challenge Security Data And Privacy

The digital era has bring Lots data security issues. Interconnected devices, such as smartphones and Internet of Things (IoT) devices, allow hackers For utilise chance new. Although computing cloud easy storage And access data, He Also expand surface attack. Besides That, As the amount of data continues to increase, it becomes increasingly difficult to manage and protect data securely.

Attack cyber is Wrong One problem main in security data. Hacker continue to develop sophisticated techniques to obtain sensitive data, such as malware, phishing, and ransomware. These attacks can disrupt infrastructure and businesses as a whole, as well as individuals. In addition to external attacks, internal threats are also becoming attention, like employee Which No legitimate or ex- employee Which have access to data.

Protection of personal information is an additional issue in data security. Data personal like information finance, medical, And location prone to against abuse as more and more online applications and services are used. Protection privacy the more important in era digital, Because data personal can used for unethical or even harmful purposes.

Unfortunately, cybercriminals are also taking advantage of technological advances. Data theft, hacking, and malware distribution are types of crimes that are increasingly common. Data damage can have long-term consequences, ranging from losing money to destroying a business's reputation.

3. METHOD

This study explores information and identifies the impact of the digital technology revolution. through studies literature And analysis data secondary. For do study In this paper, literature related to the digital technology revolution was collected and analyzed from various sources, including book, report official, journal scientific, And publication other. Focus The main objective of this research is to understand how advances in digital technology affect various aspects of human life.

Secondary data is obtained from statistical reports, global surveys, and previous research results. Which discuss impact technology digital. Objective analysis data This is to discover patterns, trends and challenges that emerge as digital technology advances.

4. RESULTS

A. Transformation Economy through Technology Digital

The global economy has evolved as a result of the digital revolution, which includes the emergence of the digital economy, which includes electronic commerce (e-commerce), financial technology (fintech), and increased productivity industry through the use of technology such as automation and artificial intelligence.

a. Improvement Efficiency and Productivity

Through the use of analytical data, automation of production processes, and management systems based on technology, technology digital help business become more efficient.

b. Development E-Commerce And MSMEs

Digital platforms such as marketplaces have enabled more micro, small and medium enterprises (MSMEs) to access markets, increase competition and drive economic growth.

B. Revolution Technology in Education

Technology digital has change Lots things, including fields education.

a. Learning Online and Hybrid

Online and hybrid learning systems, enabled by digital technology, provide flexibility in the learning process.

b. Access Inclusiveness in Education

Open learning resources such as MOOCs (Massive Open Online Courses) have enabled digital platforms to provide education to people in remote areas.

C. Change Pattern Social Interaction

The way people interact and communicate has been transformed by digital technology, especially social media.

a. Positive : Global Connection

Communication and social media apps help people connect with each other around the world, speed up communication, and form online communities.

b. Negative : Issue Health Mental And Polarization

Mental health problems such as internet addiction, social isolation, and polarization of opinion on social media can be caused by excessive use of digital technology.

D. Challenge Security Data And Privacy

Privacy data And security cyber become attention main along with digital technology advancement.

a. Threat Security Cyber

As digital activity increases, cyber attacks such as hacking, data theft, and malware increase.

b. Protection Policy Data

Strict and comprehensive regulation is needed to prevent users' personal data from being misused.

E. CONCLUSION

Almost every aspect of human life has been transformed by the digital technology revolution, including economics, education, and social interaction. Digital technology also offers great opportunities to increase productivity, efficiency, and inclusion, but also offers challenges such as digital divide, cybersecurity, and negative effects on social interaction patterns. This study shows that collaborative efforts between government,

private sector, and communities are needed to build an inclusive and sustainable digital ecosystem. This is achieved by using literature study methodology and secondary data analysis.

F. SUGGESTION

Research on the impact of digital technology on the global economy and economic growth can concentrate on the role of digital platforms in driving e-commerce or fintech, as well as How technology This change wealth distribution, job markets, and business.

Additional studies could investigate how digital technology revolutions such as online learning, educational apps, and artificial intelligence (AI) change method student interact And Study. Besides That, study This can investigate the impact to quality education in various level education, from elementary school to college.

Studies can concentrate on how social media changes the way people interact in everyday life, whether in personal relationships, family, or society, And How matter This impact on health mentally And social individual.

G. LIST LIBRARY

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