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# “Digital Economy Opportunities and Challenges in the Era of Connection “

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## Article Information

Received: 15-11-2023  
Revised: 30-11-2023  
Published: 15-12-2023

## Keywords

*Information; system; technology; software*

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## Abstract

The digital economy has emerged as a transformative force in the era of global connectivity, changing the way we interact, shop and do business. This article explores the opportunities and challenges posed by the digital economy in the era of global connections. The concept of the digital economy refers to economic activities that take place online via the internet. In this digital realm, business transactions, payments and information exchange occur through digital platforms such as websites, applications and social media. Technological innovation has driven the rapid growth of the digital economy, connecting the business world and consumers more quickly and efficiently. The digital economy offers various opportunities for individuals, companies and governments. First, broad global access allows small and medium businesses to market their products to international markets, without geographical restrictions. This encourages business growth and creates new jobs. Second, digital platforms enable the development of new businesses based on technology and innovation. Technology startups are revolutionizing traditional business models with innovative solutions that add value to consumers. Examples are ride-sharing and e-commerce platforms that have changed the way we travel and shop.

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## 1. Introduction

era of global connections. This research was conducted to identify the latest developments in the digital economy, recognize existing opportunities, and analyze challenges that need to be overcome. By better The aim of this research is to understand the opportunities and challenges associated with the digital economy in the understanding the opportunities and challenges in the digital economy, this research aims to provide useful insights for individuals, companies and governments in facing an era of increasingly connected global connections.

## 1.1 Literature Review

and information and communication technology (ICT) in various aspects of life, including the economy.

### Digital Economy Opportunities

#### The digital Understanding the Digital Economy

The digital economy is an economic system based on the use of digital technology in the production, distribution and consumption of goods and services. The digital economy is characterized by the use of the internet economy has various opportunities for economic growth, including:

- Increased efficiency. Digital technology can help improve the efficiency of various business processes, such as production, distribution and marketing. This can reduce production costs and increase productivity.
- Creation of new jobs. The digital economy creates new jobs in various sectors, such as information technology, e-commerce and creative services.
- Increasing competitiveness. Digital technology can help companies increase their competitiveness in the global market.

#### Digital Economy Challenges

The digital economy also has various challenges, including:

- Digital divide. The digital divide is inequality in access and use of digital technology. The digital divide can hinder the growth of the digital economy.
- Data security. Digital technology requires high data security. Weak data security can create the risk of data leaks and fraud.
- Effect on the environment. Digital technology requires large infrastructure, such as internet networks and data centers. This infrastructure can have a negative impact on the environment.

#### Opportunities and Challenges of the Digital Economy in the Era of Global Connections

The era of global connections is increasingly opening up opportunities for the development of the digital economy. This is caused by the increasing internet penetration and use of ICT in various countries in the world. The increase in internet penetration has opened wider access for people to utilize digital technology. This can encourage digital economic growth in various countries, including Indonesia. The increasingly widespread use of ICT has also created various new opportunities for digital economic growth. For example, the development of e-commerce has created opportunities for MSMEs to market their products globally. However, the era of global connections also presents new challenges for the digital economy. For example, the widening digital divide could hamper digital economic growth in developing countries.

Therefore, efforts are needed to overcome these challenges so that the digital economy can provide optimal benefits for economic growth.

### Efforts to Overcome Digital Economy Challenges

Efforts to overcome digital economic challenges can be done in various ways, including:

- Providing affordable internet access. The government needs to work together with internet service providers to provide affordable internet access for the public.

- Increased digital literacy. Digital literacy is the ability to use digital technology effectively and safely. Increasing digital literacy can help people make optimal use of digital technology.
- Development of appropriate regulations. Appropriate regulations can help protect consumers and business actors from various risks in the digital economy era.

By overcoming these challenges, the digital economy can become the main driver of economic growth in the era of global connections.

## 2. Research Methods

Research methods that can be used to study the topic "Digital Economy: Opportunities and Challenges in the Era of Global Connections" are as follows:

- Descriptive Research: This method involves collecting descriptive data related to the digital economy, such as the growth of digital industries, online business opportunities, and challenges faced in dealing with global connections. Data can be collected through surveys, interviews and analysis of related documents.
- Comparative Analysis: This method involves comparing and analyzing data collected from various sources related to the digital economy in different countries or regions. By comparing the opportunities and challenges faced in a global context, research can reveal differences and similarities in the development of the digital economy.
- Case Studies: This method involves in-depth analysis of specific cases related to the digital economy, both in business and regulatory contexts. Case studies can provide more detailed insight into the opportunities and challenges faced in dealing with global connections.
- Quantitative Analysis: This method involves collecting and analyzing numerical data related to the digital economy, such as online sales data, e-commerce growth, or the use of digital technology in various sectors. By using statistical tools, research can quantitatively identify trends, patterns and impacts of the digital economy.
- Qualitative Research: This method involves collecting data of a qualitative nature, such as the opinions, perceptions and experiences of individuals or groups related to the digital economy. By using techniques such as in-depth interviews or content analysis, research can understand views and attitudes towards the opportunities and challenges faced in the digital

economy. In developing research methods on "Digital Economy: Opportunities and Challenges in the Era of Global Connections", it is important to choose methods that are appropriate to the research objectives and the data you want to collect. A combination of the above research methods can also be used to gain a more comprehensive understanding of the topic

## 3. Result and Discussion

The digital economy has changed the business landscape and provided new opportunities in the era of global connections. The following are some results and discussions related to this topic:

Digital Transformation in Education: Digital transformation has brought significant changes in the world of education. E-learning or online learning is one of the characteristics of digital transformation in Indonesia education today. In the era of global connections, technology enables easier

and more flexible learning, and allows access to educational resources from anywhere and at any time. However, it is important to remember that gaps in digital teaching methods can create new challenges that need to be overcome. Protection of Privacy Rights in Digital Economy: In the digital economy era, personal data protection is an important issue. The right to protection of personal data is the result of combining the right to information and the right to privacy. In the context of the digital economy, it is important to ensure that individuals' personal data is properly protected and used ethically. Opportunities and Challenges of the Digital Economy in Indonesia: Indonesia has great potential in developing the digital economy. However, there are still challenges that need to be overcome, such as low internet penetration rates and the digital divide between urban and rural areas. The Indonesian government has taken steps to overcome this challenge, such as launching programs to increase internet access in remote areas and encourage digital economic growth. The Role of Students in the Digital Era: Students have an important role as agents of change in the digital era. They are expected to become innovators, explorers and brave leaders in facing ongoing changes. In the educational context, it is important to provide space for students to convey their ideas and assessments about the learning process they are experiencing. Potential for Digital Economic Connectivity between Asia and the European Union: Digital economic connectivity between Asia and the European Union has great potential. The challenges and opportunities associated with leveraging this connectivity need to be considered. Indonesia as one of the countries in Asia has the opportunity to exploit the potential of digital economic connectivity with the European

Union. In facing opportunities and challenges in the digital economy in the era of global connections, it is important to continue to follow technological developments and adapt to changes that occur. Governments, educational institutions and business actors need to work together to create an environment that supports inclusive and sustainable digital economic growth.

#### **4. Conclusion**

The following are conclusions related to the topic "Digital Economy: Opportunities and Challenges in the Era of Global Connections":

Digital transformation has brought significant changes to the world of education. E-learning or online learning is one of the characteristics of digital transformation in the world of education today. Digital transformation makes learning activities easier and more flexible to implement. Protection of privacy rights over personal data is an important issue in the digital economy. It is important to ensure that individuals' personal data is properly protected and used ethically.

Indonesia has great potential in developing the digital economy. However, there are still challenges that need to be overcome, such as the low level of internet penetration and the digital gap between urban and rural areas. Students have an important role as agents of change in the digital era. They are expected to be innovators, explorers and brave leaders in the face of ongoing change. Digital economic connectivity between Asia and the European Union has great potential. The challenges and opportunities associated with utilizing this connectivity need to be considered. In conclusion, the digital economy provides great opportunities in changing the way business and education are conducted in the era of global connections. However, there are challenges that need to be overcome, such as personal data protection, the digital divide, and adapting to technological changes. With collaboration between the government, educational institutions and business players, the digital economy can develop inclusively and sustainably.

## 5. References

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DIGITAL TRANSFORMATION IN EDUCATIONAL RECOVERY: This article discusses digital transformation in education and how e-learning or online learning is one of the characteristics of digital transformation in the world of education today.

DIGITAL ERA EDUCATIONAL TECHNOLOGY AND CHALLENGES: This article discusses technological developments in education and the challenges faced in adopting digital technology in the learning process.

The Role of Financial Technology (Fintech) in the Development of MSMEs: This research discusses the role of financial technology (fintech) in the development of Micro, Small and Medium Enterprises (MSMEs) in the digital economy era.

Protection of the Right to Privacy over Personal Data in the Digital Economy Era: This article discusses the protection of the right to privacy over personal data in the digital economy era and the importance of maintaining the security of personal data.

Dominant Gen Z, What Does It Mean for Our Education?: This article discusses the characteristics of generation Z (Gen Z) in the context of education and how education can adapt to their needs.