

THEORETICAL FOUNDATIONS OF DIGITALIZATION OF ACCOUNTING AND AUDITING IN UZBEKISTAN

Chinberdiev Pulatjon Lochinboevich

Senior Lecturer University of Economics and Pedagogy, NVUZ, Andijan City

Annotation: The article examines the theoretical aspects of the digitalization of accounting and auditing in Uzbekistan. Particular attention is given to the analysis of conceptual approaches, the features of implementing digital technologies, and their impact on the efficiency and transparency of financial control. The article also discusses the prospects for the development of digital systems within the context of the modern economy, as well as potential risks and areas for further research.

Introduction

Digitalization is a key factor in the transformation of the economy, significantly impacting accounting and auditing systems. In Uzbekistan, the active adoption of information technology in the financial sector is driven by the need to enhance business efficiency and competitiveness. This article aims to explore the theoretical foundations of the digitalization of accounting and auditing, as well as to analyze the specific features of using digital tools within the context of Uzbekistan.

1. Theoretical Foundations of the Digitalization of Accounting and Auditing

1.1. The concept of digitalization

Digitalization is the process of integrating digital technologies into all areas of activity, including accounting and auditing. This phenomenon is characterized by the transition from traditional accounting methods to automated systems that use modern information technologies to collect, process and analyze financial information.

1.2. Conceptual approaches to digitalization

In the theoretical literature, various approaches to understanding digitalization are distinguished :

- An approach based on the implementation of automated systems to optimize accounting.
- An approach that integrates artificial intelligence and analytics platforms to improve audit quality.

- An approach that focuses on the use of blockchain technologies to ensure transparency and data security.

Each of these approaches has its own advantages and limitations, which requires further research and adaptation to the specifics of the national economy of Uzbekistan.

2. Features of the Implementation of Digital Technologies in Uzbekistan

2.1. Modern Digital Tools

In Uzbekistan, software solutions for accounting automation are actively evolving. Systems based on artificial intelligence are being implemented, and analytical platforms are used for the prompt processing of large volumes of data. These technologies enable a significant reduction in information processing time and improve the accuracy of financial calculations.

2.2. The Role of Blockchain Technologies

The use of blockchain technologies ensures a high level of transparency and data reliability, which is essential for auditing. The introduction of this technology offers new opportunities to enhance the security of financial information and strengthen control over financial transactions.

2.3. The Impact of Digitalization on Auditing

Digitalization significantly optimizes auditing processes. The use of analytical tools and artificial intelligence systems enables the automation of routine tasks, allowing auditors to concentrate on analyzing complex financial transactions and identifying systemic risks.

3. Problems and Prospects of Digitalization

3.1. Benefits of Digitalization

The integration of digital technologies into accounting and auditing brings several key advantages:

- Increased efficiency of accounting and auditing processes.
- Reduced operating costs through automation.
- Enhanced control over financial flows and greater business transparency.
- Strengthened trust among participants in financial relationships.

3.2. Risks and Challenges

Despite its clear benefits, the digitalization process also presents a number of challenges:

- Data security concerns and vulnerability to cyberattacks.
- The need to train and adapt personnel to new technologies.

- Technical failures and compatibility issues between different information systems.
- Insufficiency of the legal and regulatory framework to govern digital processes.

3.3. Development Prospects

The further development of digital technologies in accounting and auditing in Uzbekistan is linked to several key directions:

- Integration of innovative solutions into existing systems.
- Expansion of the functional capabilities of information systems.
- Enhancement of data analysis methods.
- Coordinated efforts by the government, businesses, and the scientific community to create a favorable infrastructure for digitalization.

Conclusion

The digitalization of accounting and auditing in Uzbekistan represents a vital component of the modernization of the financial system. The theoretical foundations discussed highlight the potential of digital technologies to enhance the efficiency and transparency of financial control, while also identifying key challenges that require further investigation. The development of comprehensive strategies for the implementation of digital tools will lay the foundation for sustainable economic growth in the context of global digital transformation.

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