

Research on the Impact of Financial Technology on Traditional Accounting Models

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Abstract: In the context of the rapid development of financial technology, its impact on traditional accounting models has aroused widespread concern in the academic and industry circles. This study systematically explores the specific impact of fintech on traditional accounting models. The research results show that financial technology has promoted the transformation of accounting work methods, facilitated the digital transformation of the accounting industry, and spawned new accounting business models. At the same time, this change also brings a series of challenges, including technology acceptance, data security and ethical issues. The desired findings point to the need for future research to delve into how to effectively address these challenges while driving innovation. In addition, policy makers need to fully consider the protection of data security and user privacy while encouraging innovation.

Keywords: Financial technology; Traditional accounting model; Impact

1. Introduction

With the continuous advancement and innovation of technology, the development of financial technology has had a profound impact on many industries. Among them, the traditional accounting industry is one of the areas where the impact of fintech innovation is most significant. Accounting, as an important way of processing and reporting financial information, plays an important role in business operations and economic decision-making ^[1]. However, in the past few decades, with the rapid development of Internet, big data, artificial intelligence and other technologies, the limitations of traditional accounting models have gradually emerged, while financial technology has brought new possibilities and opportunities to the industry. This article will explore the impact of financial technology on traditional accounting models, including promoting the transformation of traditional accounting work methods, assisting the digital transformation of the accounting industry, and spawning new accounting business models. It is hoped that by analyzing the impact of financial technology, we can gain a deeper understanding and insight into the future development trend of the accounting industry.

2. Current status of financial technology and traditional accounting models

The traditional accounting model mainly consists of manually recording, analyzing and reporting financial information, which often consumes a lot of time and human resources. More importantly, this manual-dependent approach is prone to introduce errors, thereby affecting the accuracy of financial data. Another major problem faced by the traditional accounting model is the lack of efficiency, especially when dealing with large amounts of data and complex financial analysis tasks ^[2]. However, with the development of financial technology, the accounting model is undergoing a revolutionary change. In particular, the emergence of technologies such as cloud computing, big data analysis, and artificial intelligence has significantly improved the efficiency and accuracy of accounting work. For example, cloud computing enables financial data to be accessed and updated at any time and anywhere, greatly improving the flexibility of accounting work. At the same time, artificial intelligence and big data analysis can automatically handle a large number of accounting tasks and perform complex financial analysis, greatly saving manpower and time. While fintech provides a powerful impetus for the transformation of accounting models, the transformation process is not without its challenges. Especially in HR, many accountants may be under pressure to learn new skills and adapt to new tools. In addition, enterprises also need to invest resources in digital transformation, which may bring additional costs and risks.

3. Specific impact of fintech on traditional accounting models

3.1 Promote the transformation of traditional accounting work methods

The emergence of financial technology has played an important role in promoting the transformation of traditional accounting work methods. In the traditional model, a lot of time and effort was invested in manually recording and collating financial data, and now, many of these processes can be completed by automated tools. For example, by using intelligent financial software, enterprises can automatically track

and record financial transactions, thereby reducing manual errors and improving data accuracy^[3]. At the same time, financial technology has also promoted the real-time and transparency of accounting work. In the traditional accounting model, financial reporting is usually completed after the end of each financial period, and this process often takes weeks or even months. Now, through the use of cloud computing and other advanced technologies, companies can obtain and update financial data in real time to achieve real-time financial reporting. This not only improves the efficiency of accounting work, but also improves the transparency of financial information. In addition, fintech is also driving the transformation of accounting work from transaction processing to strategic decision-making. Traditional accounting work usually focuses on processing and recording financial affairs, but now, by using big data analysis and artificial intelligence, accountants can extract valuable information from a large amount of financial data to provide support for strategic decision-making of enterprises. This marks that the role of accounting work is changing from a transaction processor to a strategic decision maker.

Have a profound impact on the accounting industry and the entire business world.

3.2 Facilitate the digital transformation of the accounting industry

The development of financial technology has played an important role in promoting the digital transformation of the accounting industry. First, by using advanced information technology, accountants can process and analyze large amounts of financial data quickly and accurately. These technologies include but are not limited to cloud computing, big data analysis and artificial intelligence. For example, cloud computing allows companies to access and update financial data globally, while big data analysis and artificial intelligence can help companies extract valuable information from large amounts of data. Second, the development of financial technology has also promoted the sharing and exchange of accounting information. In traditional accounting models, financial information is usually kept private internally and is usually only released externally after the financial period is closed. However, with the development of financial technology, companies can now share financial information in real time through online platforms, which not only improves the transparency of financial information, but also enables external stakeholders to better understand the company's operations. Finally, the development of financial technology has also promoted innovation in the accounting industry. For example, some new accounting business models, such as online accounting services and intelligent financial consulting, are developing rapidly. The emergence of these new models has provided new possibilities for the development of the accounting industry, and at the same time provided consumers with more choices.

3.3 The birth of a new accounting business model

The rapid development of financial technology has spawned a series of new accounting business models. Among them, the emergence of these models is mainly due to the advancement of technology and how these technologies are applied in accounting practice. First, a new model called "cloud accounting" has been widely used in the industry. Cloud accounting uses cloud computing technology to put accounting information and systems in the cloud, so that enterprises can access and process financial data anytime and anywhere. This model not only improves the efficiency of accounting work, but also improves data security and transparency of financial reporting. Secondly, intelligent accounting services based on artificial intelligence are also becoming a new trend. The service leverages machine learning and other artificial intelligence techniques to automate a large number of accounting tasks, freeing up accountants to focus on higher-level decision-making and policy issues. Finally, predictive analytics based on big data is also changing the way the accounting business works. By using big data and statistical learning techniques, accountants can extract valuable patterns from historical data and predict future financial performance, thereby helping businesses make better strategic decisions.

4. Epilogue

The research reveals the far-reaching impact of fintech on traditional accounting models, including promoting changes in working methods, assisting the digital transformation of the industry, and giving birth to new business models. The results show that the development of fintech has had a significant impact on the accounting profession, bringing both opportunities and challenges. It changes the way accountants work, improves work efficiency and data accuracy, and also promotes the emergence of new business models. However, it also places new demands on human resources, data security, and ethics in the accounting profession. Future research needs to delve into how to effectively address these challenges while driving innovation. At the same time, for policy makers, how to protect data security and user privacy while encouraging innovation will be an important task.

References

- [1] Wu Jianguang. Financial Technology and Digital Transformation of Accounting Management [J]. Financial Accounting, 2020 (1): 34-38.
- [2] Zhao Hong, Yang Zhenyu. The Update of the Traditional Accounting Model by the Development of Internet Finance——Taking Blockchain Technology as an Example [J]. International Business Accounting, 2020 (2): 55-60.
- [3] Wen Qinglin. Research on the Impact of Financial Technology on Accounting Innovation and Development[J]. Collection, 2019, 24.