



technology of using The effect Blockchain reducing the risk of accounting in information for commercial banks

إثر استخدام تقنية البيانات العملاقة (Blockchain) في الحد من مخاطر المعلومات المحاسبية

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Abstract:

The study aims to clarify theBlockchain technology and the areas in which it can be applied, as well as the use of this technology in developing accounting systems and rocess of making increasing the quality of accounting information to facilitate the p decisions related to granting credit. It also aims to clarify the role of this technology in To achieve the .the risks of accounting information future predictions and improving combines the inductive study's objectives, the pragmatic approach was adopted, which and deductive approaches to discuss the basics ofBlockchain technology and its most important accounting effects through a questionnaire designed to take the opinions of the is ing informationacademics and professionals. Reliable and transparent account cornerstone for making economic decisions, but it faces multiple risks such as .manipulation, forgery, and lack of transparency

This study posits that blockchain technology, with its unique characteristics of immutabilityand -alization, can significantly reduce these risks. A describedecentr analytical approach was used, and a questionnaire was designed to collect data from a sample of 118 accountants and auditors. The results showed a strong, positive n implementation and the reduction of accounting correlation between blockchai information risks, underscoring the importance of this technology in enhancing trust and reliability in financial reports.

Keywords : Blockchain, rts, financial repo , accounting information, information risk , commercial bank.

1. Introduction

The modern accounting environment faces increasing challenges related to the reliability of accounting information. With economic and technological advancements, the need to ensure ansparently reflects economic reality has become that financial data accurately and tr paramount. Accounting information risks, including measurement errors, bias, and deliberate manipulation, are among the most prominent challenges affecting the quality of financial Simultaneously, revolutionary .nference of investors and stakeholdersreports and eroding the co technologies such as blockchain have emerged, promising to provide radical solutions to trust .and transparency issues

Blockchain technology representsa and information across an distributing data for system encrypted and distributed network based on the concept of blocks for data storage. This innovative and highly important technology has proven its effectiveness in numerous fields.

tial application ofis one poten accounting information risk Improvingblockchain technology it ; can be used to enhance processes related to risk assessment and management within the the risks of accounting This technology contributes to improving . accounting system security verification, as the technology can be used to information through documentation and Each transaction is recorded . create an accurate and reliable record of accounting transactions in a new block and linked to a previous block, making it difficult to forge. Network participants .alidityerify the transactions and confirm their vcan v

Blockchain is a distributed digital ledgerthat records transactions securely, transparently, and proof records, -immutably. The importance of this technology lies in its ability to create tamper ideal for accounting and auditing applications. Accordingly, this research seeks to making it



explore how this technology can contribute to mitigating risks associated with accounting information and enhancing its quality

Participants in the blockchain network can access the same information and documentation with accounting information risks, such as banks, This means that all parties concerned can access information instantly and transparently. ,and government institutions , companies and identification processes achieved through the use of artificial The improved verification a driven intelligence result in enhanced processes for investigating and -intelligence and data . accounting information risks identifying

ction and security. Because data is stored relates to data prote Therefore, the research problem destruct chains, the challenges related to security and data protection are -to-in strong, hard more complex. Robust mechanisms must be developed to prevent breaches and unauthorized access to data. ,Furthermore Blockchain technology facesChallenges arise regarding legal and regulatory compliance. Financial institutions must comply with local and international laws and Based on the preceding .regulations, requiring close monitoring and ongoing evaluation

Will the use of : ion, the following research questions can be posedpresentatBlockchain

Will the use of ? the risk of accounting information technology improveBlockchain technology of for stakeholders based on the accuracy making-and expedite decision facilitate ? information

2. The research objectives can be defined as follows :**objectives:**

- Defining the concept of blockchain technology and its main characteristics.
- Identifying the risks of accounting information faced by economic establishments.
- otential role of blockchain technology in enhancing the reliability and Exploring the p transparency of accounting information.
- Analyzing the relationship between blockchain application and reducing accounting information risks.
- ganizations on how to benefit from this Providing practical recommendations to or technology.

3. **Hypothesis:** The research is based on the hypothesis that: The use of Blockchain technology reduces the risks associated with accounting information.

4. tical approach, analy-a descriptive adopted The research : **Methodology** analyzing the relationship between the independent variable (the application of blockchain technology) and the dependent variable reducing the risks of accounting information). A questionnaire was) ol and distributed to a random designed as the primary data collection to and legal professionals working in ,sample of 118 accountants, auditors .private banksThe SPSS statistical analysis program was used to The data collection process .analyze the data and test the hypotheses he following: The theoretical aspect : The inductive T : was as follows approach will be adopted when dealing with local and foreign sources and studies, including books, articles, scientific research, and to The practical aspect: By adopting a questionnaire form .periodicals survey the opinions of a sample of academics and professionals in about the impact of commercial banksBlockchain technology Study ?



The study population consists of a sample of : Population and Sample and employees of ,academics specializing in accounting and auditing whose opinions will be surveyed regarding the ,Iraqi commercial banks effects of adoptingBlockchain in Reducing the risks associated with .accounting information

5. :Theoretical background of the study

5.1 *The Concept of Blockchain Technology*

Blockchain technology is considered one of the most significant technological innovations that has changed the course of history, founded on the concepts of decentralization and by a person or 008transparency. Its origins trace back to the Bitcoin document released in 2 group of people using the pseudonym " Satoshi. " Nakamoto[1] In 2009, Bitcoin became the .first digital currency to be issued and traded on the networkBlockchain technology is a system d ledger. It is based on recording transactions in a digital, encrypte for peer-to-peer network technology where the transaction record is continuously and sequentially updated in a series , of blocks. This ensures transparency, security, and the absence of manipulation in transactions[2] .

,rsOver the yeaBlockchain technology has begunIt is evolving and expanding to include numerous applications beyond the world of cryptocurrencies, as it is now used in a variety of ting, supply industries and sectors, such as transportation and shipping, healthcare, electronic vo chain management, and even entertainment. In 2015, theEthereum platform was launched an , operating platform based on blockchain technology, to enable decentralized applications that allow the creation of smart contracts. ble transactions to be executed These contracts ena automatically without the need for an intermediary, thus improving efficiency and reducing costs[3] Developments continued with the emergence of private and public .blockchains , " chnologies such asdigital permissions, and other advanced te Blockchain and "3.0 " Blockchain tnacifingis eht dezingocer evah seinapmoc dna snoitutitsni ,emit revo dna ",4.0 value of blockchain technology, prompting them to invest in this field and use it to improve arency and security in transactions. We cannot look at the history operations and achieve transp ofblockchain mentioning that it is still in its early stages, and it is expected without technology of our to continue to develop and improve in the future, and may radically affect many aspects lives[4] .

Blockchain technology can be defined as a technological system built on a set of encrypted records connected to each other via a series of blocks, and continuously and synchronously known for its role -y is particularly wellupdated among the system's participants. This technolog in supporting cryptocurrencies like Bitcoin , but it also finds widespread applications in a .variety of fields Here are three definitions ofBlockchain technology .in different fields [5]

- :Technical definitionBlockchain is a distributed database that uses modern cryptographic techniques, where all transactions are sequential block. These blocks are distributed -recorded in a time across a network of interacting nodes , where the state of the record .ach time by a distributed agreement mechanismis agreed upon e
- :Financial definitionBlockchain is the underlying technology behind cryptocurrencies like Bitcoin . This technology enables financial transactions to be conducted without the need for a central financial rmediary (such as a bank), as transaction verification and inte



confirmation are carried out securely and reliably using the .encryption and security mechanisms built into the system

- :Definition of general usesBlockchain is a distributed technology es a reliable system for recording data and transactions in that provid diverse fields beyond finance. It is used in manufacturing and logistics to track products, in healthcare to improve and secure the exchange of medical records, and in many government applications .and regulations to increase transparency and credibility

5.2 . ImportanceBlockchain

Blockchain technology has several important aspects that represent a major transformation in mportances ofthe fields of technology, economics, and society. Here are some of the key i Blockchain technology :[6] .

- :Security and TransparencyBlockchain is a highly reliable and secure platform, structured as a chain of organically linked blocks. The system is designed to be difficult to tamper with or manipulate, seful in various applications such as electronic voting, making it u .digital authentication, and fraud prevention
- Eliminating intermediaries: Blockchain technology allows participantsin the system (individuals or organizations) to interact ithout the need for intermediaries. This directly with each other w .reduces costs and time and improves efficiency
- Decentralization: Blockchain relies ona decentralized, distributed network, meaning it doesn't depend on a single central authority to flexible and resistant to attacks and control it. This makes it more .failures
- Ensuring credibility and authenticity: Blockchain can be used to track certain assets (such as financial transactions or products inthe supply chain) in a way that ensures credibility and authenticity, thus .contributing to combating forgery and fraud
- Smart contracts: This technology enables the creation of smart contracts, which are programs that can be executed automatically based on predefined conditions. These contracts can be used in .commerce-as finance, real estate, and e various fields such
-) Decentralized FinanceDeFi Thanks to technology, it has become :(possible to create decentralized financial platforms that allow financing, lending, and investment without the need for traditional .tutionsfinancial insti



- Sustainability and the environment: In some applications, technology can be used to contribute to environmental sustainability, such as tracking renewable energy assets and reducing loss and waste in some industries
- 5.2. The basic working structure of technical systems elements of the Blockchain . Blockchain consists of four basic elements, as follows[8]
- Blocks are the fundamental data and information in a blockchain network. Each block contains a set of transactions representing the operations recorded within it. Typically, each block contains various the hash of the previous block, thus forming a continuous chain of blocks
 - Hashing is the cryptographic mechanism used to create a unique hash function for each block. This hash is calculated using a hash and is a very important feature for blockchain security, as the hash allows for fast data validation and efficient hashing
 - Blockchain : A connected chain of blocks, where each block is This secured by its own hash and the hash of the previous block linkage prevents data falsification or alteration of previous records because all data in the chain is linked.
 - Proof-of-Work (PoW is a network security mechanism that verifies the (validity of blocks and transactions. In PoW , participants (known as miners) computational problem are tasked with solving a complex using significant computing power. The first miner to solve the problem creates a block, which is then added to the chain, and they effort receive a tangible reward (such as cryptocurrency) for their
 - Proof of Stake (PoS stake model -of-This is an alternative proof :(that relies on holding a stake of the cryptocurrency in a specific wallet to verify transactions and secure the network. In PoS no , e miner who can add computational problem is required; instead, th .the new block is selected based on their stake in the currency
 - Smart contracts are software programs that execute automatically when certain predefined conditions are met. Smart contracts are used on blockchain or agreements without the to execute transactions need for a third party. They are programmed using blockchain-compatible programming languages such as Solidity on the Ethereum network .

5.4 . The impact of Blockchain :in accounting information technology on risk management information risks, their types, and methods of addressing them, in concept of accounting The



addition to the role of blockchain technology in mitigating these risks, are among the information fundamental issues in the contemporary business environment characterized by the revolution and digital transformation. [9] Accounting information risks can be defined as the possibility that the accounting information produced and disclosed by an entity may be in an incorrect, inaccurate, incomplete, biased, or unavailable in a timely manner. These risks lead to incorrect decisions by users of this information, whether they are investors, creditors, management, or regulatory bodies, resulting in financial and economic losses and negatively impacting the efficiency of financial markets. These risks are closely related to the problem of information asymmetry, where one party (such as management) has more and better information than the information available to other parties (such as investors) (Ref. 1.1). This asymmetry creates an avenue for some parties to engage in unethical or deliberate behavior to obtain an unusual profit, and entails risks of misunderstanding, misinterpretation, and misinterpretation, which reduces the reliability of accounting information [10].

Accounting information risks affect the qualitative characteristics of information, particularly Accounting information reliability, transparency, understandability, and timeliness. If information is unreliable in a timely manner, it contains errors, bias, or fraud) or not available to all parties equally and in a timely manner, it loses its fundamental value as a tool for guiding investment and credit decisions. [11] In short, accounting information risks are the risks resulting from the poor quality of accounting information, which include: [12]

- measurement and reporting: such as human error, Risks related to data manipulation and fraud, and the use of biased estimates.
- Risks related to timing: failure to provide information promptly and making-appropriately for decision.
- Existence of an information gap Risks related to asymmetry: the existence between management and external users.
- Operational and technological risks: Weaknesses in internal control systems or data security in accounting information systems.

5.5 . Types of Accounting Information Risk: Accounting information risks can be classified into main types based on the source of the risk: [13]

- Risk of unreliability: Unintentional errors in recording, processing, or compiling accounting data.
- Fraud and manipulation: The deliberate falsification of financial data to conceal undesirable results or inflate profits data
- Bias: Using accounting estimates or policies in a way that serves the interests of a particular party.
- The risk of asymmetry: This is the crux of the problem, meaning information that is not available to that management possesses inside or outside parties, enabling them to exploit this information to achieve extraordinary gains, which leads to an increased risk of misunderstanding among investors.



- The risk of not being timely: Information Delaying the disclosure of information renders it useless for the purposes of making investment decisions in the stock market.
- Operational and technological risks: risks associated with the accounting information systems themselves, such as data breaches, absence of adequate internal control systems, system failures, or the absence of adequate internal control systems.

5.6. Methods of addressing accounting information risks: Addressing accounting information risks depends on a joint effort between parties involved in the accounting profession and regulatory bodies: [14]

- Enhancing accounting disclosure: Increasing the quantity and quality of accounting disclosure to meet the requirements of external parties, and providing all information in a timely manner without selectivity.
- External auditing and review: Independent auditing is the cornerstone of increasing the reliability of financial data, as it assesses the accuracy and integrity of financial statements and reduces the risks of error and fraud.
- Applying strict accounting standards (GAAP/IFRS): Applying the standards ensures consistency, stability, comparability and standards understandability in the preparation of financial reports [15].
- Effective internal control: Designing and implementing a robust internal control system to minimize the risks of operational errors and fraud within the organization.
- Modern digital technologies: Utilizing modern technologies such as artificial intelligence and blockchain to increase the efficiency and quality of accounting processing and reduce human intervention and the cost of data storage [16].

5.7. The impact of blockchain technology on reducing the risk of accounting information: Blockchain technology is one of the most important digital technologies that promises a revolution in the accounting environment, and its impact on reducing the risks of accounting information is evident in the following aspects: [17]

- Increased reliability, security, and immutability: Blockchain works by recording transactions in encrypted "blocks" and linking them to a chain using "hashing," making the recorded data unalterable or retroactively changeable, which greatly reduces the risk of human manipulation and fraud [17].



- Achieving full transparency and reducing asymmetry: providing r) that is ledger Blockchain is a distributed digital record (distributed available to all participants on the network at the same time, which reduces the problem of information asymmetry and ensures that all external parties have immediate access to identical and equivalent information[18] .
- Timeliness and efficiency : allow Blockchain enables instant transaction verification and settlement without the need for intermediaries, thus accelerating processes, improving the speed of financial reporting, and providing users with timely accounting information .
- The review process [Simplifying t: Movement] Blockchain's audit] model shifts from a centralized, regressive model to a decentralized, dynamic, and proactive one (continuous auditing), where auditors gain access to continuously verified and reliable records, reducing time and effort required to collect and validate transactions and the .improving audit quality
- Despite these numerous benefits, blockchain application still faces challenges such as initial operational risks, the absence of regulatory g standards for processing, and frameworks and accountin g governance challenges related to decentralization. However, the consensus is moving towards the use of blockchain technology effectively contributing to improving the quality of accounting sks, and increasing users' information, reducing associated ri confidence in financial reports[19] .

6. Analysis of the results

After the necessary data for this study was collected, it was analyzed using appropriate) statistical methods through the Statistical Package for the Social Sciences SPSS program. (:The researcher used the following statistical methods

-Descriptive statistics methods were studied for the study variables, where arithmetic means, tify the standard deviations, frequency distribution and percentages were found, in order to iden evaluations of academics and professionals in the field of accounting for each of the statements .contained in the study questionnaire

It was completed Approval a test decline Simple Regression -was used to test the hypotheses by calculating T , which measures the possibility of each independent variable having an effect on the mediating variable and, in turn, on the dependent variable. The decision rule for testing indicates that the hypothesis is confirmed and accepted if the calculated T values are greater) than their tabulated value at a Sig.) level of 5% and a confidence level of 95%. The multiple determination coefficient (R^2) was also calculated, which represents the percentage of terpreted by the independent variable variance in the dependent study variable, which can be in . and measures the strength of the relationship in the regression model



6.1. Characteristics of the study sample

The electronic . private banks personal variables were selected in the field of accounting in 118 private banks (Development and distributed to accounting professionals in was nnairequestio The researcher extracted the frequencies and percentages of the . (National Iraqi Bank onses obtained questions related to these variables using descriptive statistics, based on the resp from the study sample. The results shown in the tables below indicate the characteristics of the study sample in terms of academic qualifications, years of experience, and their knowledge of Blockchain technology ng tables show the characteristics of the The results in the followi . :study sample, as follows

- :Academic qualification

Distribution of the study sample according to (1) .Table No academic qualification

professionals		and names Categories
%	repetition	
%56	66	Bachelor 's
%37	44	ter'sMas
%7	8	PhD
%100	118	the total

shows the results of the study related to the academic qualification. The results showed that (1 in accounting, followed a bachelor’s degree for holders of % 56 the highest percentage reached of the total sample size % 7 at the doctorate and then ,% 37 at ster’s degreea ma by holders of .of employees in government universities

- Years of experience

Distribution of the study sample according to years of experience (2) .Table No

professionals		Categories
%	onrepetiti	
% 6	7	under 5 years
% 27	32	years 10-6
% 19	22	years 15-11
% 35	42	years 20-16
% 13	15	More than 20 years
%100	118	the total

shows the results of the study related to years of experience. The years of experience were (2 categories. The results showed that the professionals with the highest distributed into five ,% 27 years at 10-followed by 6 ,% 35 years of experience at 20-percentage were those with 16 of the remaining two percentages of 13% and 6% and finally the ,% 19 years at 15-then 11 . mple sizesa

6.2. Descriptive analysis of study variables

point -The responses of the study sample to this variable were identified according to the five Likert scale , which consists of five points (Strongly Agree 5, Agree 4, Don't Know 3, Disagree below show the arithmetic means, standard (4) and (3) gly Disagree 1). TablesStron ,2 :deviations obtained, and relative importance of each statement

Arithmetic means, standard deviations, and relative importance of the (3) TableBlockchain technology variable



Order	relative importance	standard deviation	Middle	phrase	T
1	Medium	0.735	3.06	The decentralization ofBlockchain technology increases the speed of access to information.	1
9	Medium	0.784	3.15	The decentralization of this technology enables Blockchain is used to retrieve stored information.	2
8	weak	0.875	2.96	Blockchain reducing to contributes technology through and enhancing strengths weaknesses emssyst of related the use.	3
5	Medium	0.762	3.21	The decentralized nature ofBlockchain technology collaboration between facilitates within the bank through the different entities .seamless exchange of information	4
3	Medium	0.752	3.15	Blockchain chestechnology reduces data brea.	5
14	Medium	0.862	3.05	provided by this technology The transparency the degree of flexibility in the use of increases information technology.	6
2	Medium	0.742	3.09	The transparency of this technology enhances data reliability for all parties.	7
12	Medium	0.809	3.03	Technical transparency contributes to ensuring that procedures are implemented correctly.	8
7	mMediu	0.771	3.00	The transparency ofBlockchain technology enables all parties to see the changes that take place.	9
4	Medium	0.756	3.09	The transparency of this technology enhances the process of accessing information related to activities.	10
10	ediumM	0.801	3.11	Through this technology, digital currency is cash and is measured by -classified as quasi market value.	11
6	Medium	0.765	3.08	The use of digital currency affects the basis of .accounting measurement	12
13	weak	0.910	2.98	The costs of producing digital currency can be considered part of operating expenses.	13
11	Medium	0.801	3.06	rency can be The costs of producing digital cur .considered capital expenditures	14
15	Medium	0.863	3.06	The digital currency complies with disclosure requirements according to current . international standards	15
	Medium	0.7992	3.072	arithmetic mean of all items	

that the arithmetic means and standard deviations (3) .t is clear from the data in Table NoI The statement that and that statement No. (4) which states that “ (2.96 – 3.21) ranged between “Blockchain between different entities technology’s decentralization facilitates cooperation eht gnoma tsehgiht saw ” within the bank through the seamless exchange of information and a standard deviation of 3.21 average responses, with a mean score of 0.762 indicating ,) number high relative importance. Meanwhile, statement3 which states that “ ,(Blockchain technology contributes to reducing weaknesses and enhancing strengths through the use of its associated systems. This was the lowest among the average responses, with a mean score of with a standard deviation of , nce was moderatelts relative importa . 2.960.875 This deviation . indicates the extent to which the values of this variable are dispersed from the arithmetic mean similar of all items. This low value indicates that the answers of the study sample are somewhat .and close

Impact (4) Tableof Blockchainreduce the risk of information To



Order	relative importance	standard deviation	Middle	phrase	T
2	Medium	0.710	3.21	The technologyBlockchainIt contributes to .increasing the quality of information	1
7	Medium	0.714	3.11	Reducing the risk of accounting information is .linked to increasing the reliability characteristic	2
5	Medium	0.699	3.16	BlockchainA technology that focuses on . improving the relevance of information to users	3
3	Medium	0.734	3.18	ApplyingBlockchain models to predict business .failures contributes to improved risk management	4
4	Medium	0.731	3.18	Accounting analysis techniques help improve risk .management	5
6	Medium	0.729	3.15	Improving risk management depends on the of information and thus confirmatory value reducing information risk in the bank's financial . statements	6
8	Medium	0.755	3.10	Relying on information technology reduces the .risk of error	7
1	Medium	0.720	3.23	The management of institutions has an information t allows for the identification and system tha . monitoring of accounting risks	8
	Medium	0.7354	3.149	arithmetic mean of all items	

that the arithmetic means and standard deviations (4) .It is clear from the data in Table No () .and that statement No (3.23-3.10) ranged between15 The statement which states that “ (The management of institutions possesses an information system that allows for the " had the highest average response score, with " identification and monitoring of accounting risks and a standard deviation of 3.23 a mean of0.720 indicating high relative importance. , reliance on information technology " which states that ,(7) Conversely, statement number also , 3.10 an ofhad the lowest average response score, with a me " ,reduces exposure to error and a standard deviation of indicating high relative importance0.814 This deviation reflects . the degree of dispersion of this variable's values from the arithmetic mean of all items. This low .udy sample are relatively similar and comparablevalue suggests that the responses of the st

6.3. Testing the study hypothesis

To test this hypothesis, the researcher used the Multiple Regression methodto analyze the results and arrive at the results related to the effect of usingBlockchain technology in that there is (5) .the data in Table No from It is clear .and reducing information risk improving a statistically significant effect of usingBlockchain technology reducing accounting in information risk , as the correlation coefficientR) dreache0.932) at the level of (0.000 for (the basic and enhanced qualitative characteristics of accounting information. As for the coefficient of determinationR²) it explains the proportion of0.868 of the variance in the () that the value of dependent variable, meaning0.868 reducing the risk of of the changes in (is due to the change in the use of accounting informationBlockchain technology The . significance of this effect is confirmed by the calculatedF value of (2.78 which is significant ,() the level of at0.000 for both the basic qualitative characteristics and the qualitative (characteristics that enhance accounting information. Therefore, the hypothesis that states: (The use ofBlockchain technology leads counting information) is to a reduction in the risks of ac .confirmed

Results of multiple regression analysis of : 5 TableBlockchain technology in improving credit risk management

β	Sig*	DF	F	(R ²)	(R)	mediating variable
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0.467	0.000	1	Among the psgrou	1827.265	0.868	0.932	Risk of accounting information
		116	The rest				
		117	the total				

7. :Conclusion

pivotal role of TheBlockchain technologyrevolutionize the field to This technology is poised ons, of accounting. The study demonstrated that it is not merely a tool for recording transacti but rather an integrated system capable of redefining trust and transparency in financial reporting. The inherent characteristics of blockchain, such as decentralization, transparency, ng the traditional accounting and immutability, offer effective solutions to the problems plagui environment, namely the risks associated with accounting information. The study's findings, ey analysis, confirm that accountants and auditors are well aware of this derived from surv ty and reliability of accounting information, technology's potential to enhance the quali ultimately leading to increased confidence among investors and stakeholders.

The future holds both challenges and opportunities, and blockchain is one of the most zations must seize. Research recommends prominent opportunities that accounting organi investing in training accounting staff on this technology and developing regulatory frameworks that meet its requirements. Furthermore, the gradual adoption of this technology will help ch as cost and lack of expertise. Ultimately, blockchain is not overcome current challenges su ounting in the digital age, ensuring just a passing technological trend, but a cornerstone of acc . that financial information is accurate, reliable, and accessible to all

equipping accountants and auditors with the necessary technical dsThe research recommen knowledge to work in a modern technology environment, particularly regardingblockchain technology and its current and potential accounting applications in light of the rapid and developments in the information technology environment. This technology will successive become fundamental to robust financial systems, including governmental and banking systems, the pursuit of And .and learning and investing in it early represents a genuine opportunity applyingBlockchain technology because through , the risk of accounting information to reduce .the use of this technology

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