



# Leveraging Blockchain Technology for Enhanced Corporate Governance: Implications for Cybersecurity in Zimbabwe

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**Abstract**— Blockchain has emerged as a disruptive technology in the development of corporate governance and cybersecurity systems all over the globe. In Zimbabwe, the corporate environment suffers from chronic problems such as inadequate data protection, high levels of opacity, and insufficient responsibility. Centralized traditional governance systems are often associated with fraud, cybercrime, and non-compliance with regulations. This study sought to analyze the impact of adopting blockchain technology in Zimbabwe's private sector while focusing on governance and cybersecurity issues. First, the accumulating features of blockchain ledger technology were analyzed regarding its potential for improving transparency, data security, and automated compliance via smart contracts. The study adopted a quantitative research methodology and gathered information using questionnaires through sixty participants drawn using purposive sampling. First-hand knowledge was gathered from corporate governance specialists, information technology experts, and cybersecurity analysts. The research utilized blockchain technology with a focus on assessing its potential and effectiveness in addressing fraud, data abuse, and compliance within the corporate governance processes. The results offered strategic guidance on the adoption of blockchain technology in Zimbabwe, with emphasis on corporate governance and cybersecurity integration at the core of the recommendations.

**Keywords**—Blockchain, corporate governance, cybersecurity, transparency, accountability

## I. INTRODUCTION

Many experts have highlighted that blockchain is a revolutionary strategy for redefining corporate governance and cybersecurity [1]. Zimbabwe as well as other African countries has seen a steady increase in cybercriminal activity including data breaches, financial fraud, and general investor manipulation which reduces governance as well as regulatory compliance. A significant proportion of these institutions rely on a polar approach framework which depends on a single meet point. Such systems are often exposed to cyber warfare, data hacking, and other systems such as efficient data manipulation [5]. Unlike traditional forms of governance, the

decentralization of blockchain can augment systems, improve transparency, guarantee data integrity, and lessen the chances of fraudulent activities taking place [2]. By providing real-time verifiable access to records, accountabilities and governance vulnerabilities are minimized. Issues in adopting such systems however persist like the implementation expenses, the extensive shortage of know-how, and the ambiguity of the regulations all contribute to preventing the jurisdictions from adopting blockchain technology.

This paper investigates how the implementation of blockchain technology mitigates the challenges of corporate governance in Zimbabwe with heightened consideration for how it enhances cybersecurity, data protection, and overall governance efficiency. The research seeks to establish how blockchain technology can protect critical corporate secrets and information from cyber threats, mitigate fraud risks, and foster regulatory compliance.

Furthermore, the research outlines specific challenges and prospects of adopting blockchain technology, the most notable being the legal, finance, and technology issues that restrict progress. For aiding in the strategic choices, the research puts forth proposals to incorporate governance frameworks with blockchain technologies towards better security and accountability for the corporate world in Zimbabwe.

## II. LITERATURE REVIEW

### A. Overview of Blockchain Technology in Corporate Governance

Blockchain Technology has turned out to be a disruptive innovation in how business is conducted at the boardroom level, as it provides a new way of executing and controlling business as systems become decentralized and transparent [5]. Historically, the frameworks of corporate governance have depended on centralized systems which are highly susceptible to fraud, inefficiency, and manipulation of information. Blockchain technology with its decentralized immutable ledger



and cryptographic encryption makes it safe from such attacks. Each transaction and record within the system is verifiable and protected against modification [1]. Smart contracts provide the necessary compliance without the need for intensive human participation meaning that error margins are better controlled and strengthened governance is earned [3]. Moreover, blockchain enables secure sharing of information which allows real-time and verified data to be used by participants such as regulators, auditors, and shareholders. This ensures accountability and helps eliminate misuse of information [4].

In the case of Zimbabwe, where there are still issues of financial accountability, corruption, and cybersecurity in corporate governance, blockchain can offer solutions. The rebuilding of trust in corporate institutions can be achieved through the technology's ability to improve visibility and strengthen compliance within the framework of automated protocols. Businesses are adopting digital transformation strategies faster than ever, making blockchain's assistance in protecting sensitive financial and operational data important for reducing cyber risks and aiding compliance [5]. On the other hand, the implementation of blockchain in Zimbabwe is obstructed by insufficient infrastructure, disruptive regulations, and a lack of willingness to change. Regardless, the country still needs to understand blockchain's impact on improving corporate governance and cybersecurity to move towards a more responsible business climate.

#### ***B. Transparency and the use of blockchain in corporate governance***

Transparency which is the missing element in corporate governance is a crucial basis for trust among the diverse interests of shareholders and stakeholders to give trust and ensure responsibility is exercised in decision-making processes [2]. The adoption of blockchain technology will add to the visibility of transactions since the records of such transactions, once captured in the blockchain, cannot be deleted or modified. This feature is highly useful in preventing fraudulent financial reporting and corporate misconduct, as every transaction is permanently in a state of record for audit and regulatory filtering. [7] has noted that due to blockchain's transparency, the company's integrity is bolstered because shareholders, regulators, and the general public can independently verify business activities, which significantly lowers the chances of unethical behavior and governance failures.

Additionally, blockchain allows the immediate reporting of finances without the lag and errors that are characteristic of conventional record keeping. Enhanced transparency in services helps to improve accountability in finances due to the availability of a single source of truth that reduces errors and financial misstatements [4]. In Zimbabwe's public sector where governance issues like financial mismanagement and

corruption are rife, blockchain can improve compliance with regulations and boost investor confidence due to the ability to provide tamper-proof records. Nonetheless, supportive legal and technological frameworks are necessary to facilitate smooth and efficient adoption across industries.

#### ***C. Blockchain Technology and Cybersecurity in Corporations: Discussion***

Corporate institutions constantly face cyber security threats, such as identity data breaches and theft, which can compromise business activities [8]. Adopting traditional frameworks of cyber security that depend on centralized databases comes with dire consequences since these databases can be documents easily hacked. The implementation of blockchain technology enhances security by storing information in a decentralized manner and securing it with cryptographic technologies [9]. No single institution has full control of the data due to its decentralized nature to corporate data, thus minimizing the chances of cyberattacks and unauthorized changes. In addition, the immutable real-time records provided by blockchain technology strengthen the digital transactions and security framework enabling Corporations to secure business transactions.

Additionally, blockchain only enables decentralization, but blockchain can further employ cryptographic hashing and consensus mechanisms, which protect corporate data from being accessed or changed without permission. [10] states that hashing is a major way to guarantee the security of information, while the use of PoW or PoS serves as a means of verifying information without central authority. Smart contracts allow further automation of security policy protocols, thus providing greater cybersecurity and minimized reliance on humans to protect against insider risks. While blockchain adoption has the potential to change how cyber risks are handled and secure corporate governance practices in Zimbabwe, various challenges remain. For companies to fully implement it, issues like high costs of adoption and unclear regulations need to be solved first.

#### ***D. The Complexity of Implementing Blockchain in Corporate Governance***

While there are a multitude of potential positives that blockchain can bring to corporate governance, blockchain, like any other revolutionary technology, faces massive roadblocks retarding its adoption. Regulatory uncertainty is still a large barrier, as almost every government and financial regulator has not created a fully developed strategy for the integration of blockchain technology [6]. The governance decentralization offered by the blockchain proceeds to challenge governance structures, thus making policymakers reluctant to fully adopt such technology. Moreover, the scalability problem is very significant, as the large, widely spread networks of blockchain



are prone to sluggish transaction speeds and large amounts of energy consumption, particularly in the proof of work systems. The high costs of implementation serve as an additional detriment for many organizations trying to adopt blockchain systems, as the costs of setting up the necessary infrastructure, developing the necessary software, and training specialists are exorbitant [11].

In Africa and other emerging economies, the adoption of blockchain technology is further impeded by the gap in basic physical facilities and the level of technology human resources possess. Research suggests that firms do not have sufficient digital assets and adequate resourcing blocks to support the implementation and maintenance of blockchain systems [11]. These problems in the Zimbabwean context are even worse due to the strong regulatory skepticism, where legislative intent appears to be concerned with the risks stemming from financial and corporate systems that are decentralized [5]. In addition, the low levels of investment in internet infrastructure, the relative cost of doing business, and corporate governance also have an impact on the adoption of blockchain. To successfully overcome these challenges, policy reforms need to be implemented along with greater investment in digital infrastructure and blockchain education. If these obstacles are worked on, Zimbabwean firms will be able to utilize blockchain technology to its fullest in improving corporate governance and cybersecurity.

#### *E. Blockchain Adoption in Africa – Case Studies*

The use of blockchain across the African continent is on the rise, with a number of countries starting pilot programs aimed at improving transparency and governance. In Ghana, blockchain is being used in the land registry systems to prevent fraudulent land sales and provide accurate property listings [12]. This has increased the level of confidence the public has in the land management system and reduced conflicts regarding ownership. Likewise, Kenya has adopted blockchain technology to facilitate land registration while also combating corruption within government services. These cases illustrate the possibility of adopting blockchain technology to improve governance in Africa.

Nigeria has shown the promise of blockchain technology in the financial and public procurement activities of the country. It has also been used by the Nigerian government for digital identity management and anti-corruption efforts to enhance service delivery and prevent abuse of such systems. Hence, the elimination of decentralization and automation of procedures via smart contracts has reduced the wastage of funds. These case studies should be a wake-up call to businesses in Zimbabwe in aid of improving governance and cybersecurity using advanced blockchain technology.

#### *F. Case Studies on Blockchain Adoption in Zimbabwe*

Zimbabwe appears to be grappling with issues related to corruption, financial mismanagement, and cybersecurity liabilities which have undermined corporate governance [5]. Numerous entities are managed under central control, which heightens the chances of fraud and information misuse. [14], points out that ineffective fraud detection and monitoring mechanisms within the system coupled with poor financial disclosure have contributed to corporate delinquencies and destroyed investor goodwill. Furthermore, an overdependence on conventional methods of record keeping has decreased productivity and accountability within corporate bodies. These governance failures resulted in insufficient economic growth which obliged stakeholders to formulate more advanced and efficient governance systems to meet the demands of the region.

New forms of governance in Zimbabwe using information technology are particularly difficult because of the increasing level of cyber threats. In the [14] study, Zimbabwean firms reported that cybersecurity violations and ineffective compliance systems led to considerable loss of revenue. Many companies cannot implement adequate data security policies, and so they remain open to hacking and other criminal activities. To aid in this, blockchain technology with its decentralized and immutable ledger can help secure data, eliminate systemic compliance, and foster transparency in corporate governance.

## II. METHODOLOGY

### *A. Research Design*

For this research, a quantitative method was utilized to evaluate the impact of blockchain technology on corporate governance and cybersecurity in Zimbabwe. Descriptive methods were used to give an account of the corporate governance problems as they were, while exploratory methods determined ways in which blockchain technology sought to resolve those problems. The study was also concerned with obtaining quantifiable measurements on perceptions, trends, and impacts of the adoption of blockchain technology.

### *B. Population*

The subjects of the study were selected from a cross-section of experts on corporate governance, information technology, cybersecurity, and top management of organizations in Zimbabwe. These respondents have sufficient experience and understanding of corporate governance problems and the application of new technologies, particularly blockchain. Their testimony was important as they were able to explain how blockchain technology could improve cybersecurity, transparency, and accountability in businesses. A total of sixty respondents were used for this research.

### C. Sampling Technique

To ensure adequate representation, purposive and stratified random sampling techniques were employed in this research. Key informants with a deep knowledge of Corporate Governance, Cybersecurity, and Blockchain Technology were selected through purposive sampling. Stratified random sampling placed the participants into relevant groups such as IT experts, Business Executives, and Policy Makers to provide industry stakeholder balanced representation. The study selected 60 respondents.

### D. Data Collection Methods and presentation

The study collected primary data from industry experts using structured questionnaires that aimed at obtaining quantitative data. These questionnaires explored the adoption of blockchain technology, challenges of corporate governance, and cybersecurity risks. The study also included case studies on the use of blockchain technology in corporate governance to test the theory with practical evidence. Therefore, through the data collection methods adopted, the study aimed to provide an unbiased assessment of the impact of blockchain technology on corporate governance in Zimbabwe. The findings were presented in the form of charts, graphs, and tables to make them as clear and accessible as possible. Visual displays enabled a better comprehension of the statistical relationships, while tables encapsulated the essential information.

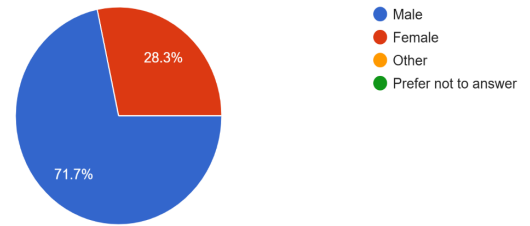
## III. DATA PRESENTATION, ANALYSIS AND DISCUSSION

### Demographic data of respondents

The demographic data of the subjects included in this study included gender status, age, level of qualifications, designation, and work experience of all the respondents who participated in this study of investigating the implications of blockchain technology in improving corporate governance in Zimbabwe were filtered with the private sector in mind. This information allowed the researcher to assess the ability and skills of the respondents in relation to the validity and relevance of their answers during data collection.

#### A. Gender Status

The respondent's gender status was necessary to ascertain the entire analysis results, which, as illustrated in Figure 4.1 below, were gender balanced.



Source: Questionnaire

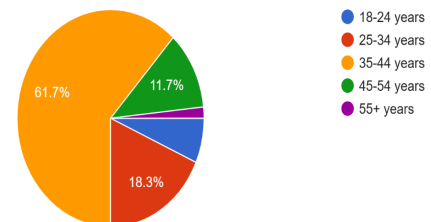
n=60

Figure 4.1 Respondents' Gender status

From Figure 4.1 above, it can be seen that 71.7% of the research participants were males and 28.3% were females contributing a moderate degree of gender balance to the findings of this research study. Hence, there was gender equity in the sample of the study so that all the opinions of both men and women were captured.

#### B. Age of respondents

The respondent's age status information was included to determine if he or she was old enough to participate satisfactorily in the study.



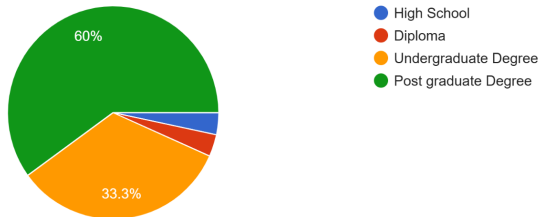
Source: Questionnaire

n=60

Figure 4.2 Age of respondents

From Figure 4.4, the largest share (61.7%) was in the range 35-44 years. This was made up of 25-34 years (18.3%) and 45-54 years (11.7%). This indicates that the sample consisted of middle-aged skilled workers with considerable professional experience. This implies that the opinion from this group of respondents comes from mature people who are likely to verify the effects of blockchain technology in enhancing corporate governance in Zimbabwe. The respondents were all above eighteen years of age, therefore meeting the age of majority.

#### C. Educational Qualifications



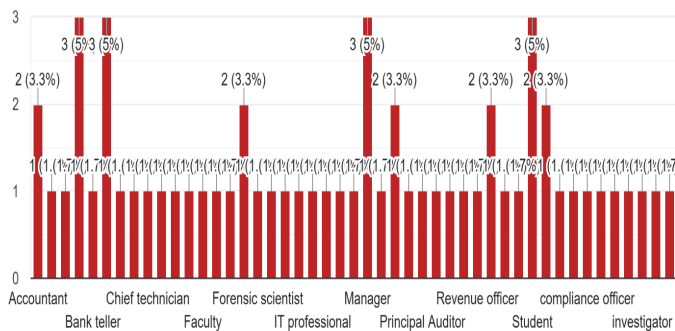
Source: Questionnaire

n=60

Fig 4.3 Level of Education for the Respondents

Of the remaining respondents, 60% claim to have postgraduate qualifications whilst 33.3% say they have an undergraduate qualification. With this demographic, it is more likely the respondents understand the principles of corporate governance and technology due to their high level of educational qualifications. This is positive for the study since the respondents are likely to possess the needed profound understanding to analyze the impacts of blockchain technology within governance. Corporative governance effectiveness is indeed impacted to a large extent by the knowledge and skills of the decision makers, as highly educated people, particularly professionals, who can evaluate the processes within governance institutions and the systems that could support them are needed. Therefore, the respondents are credibly sufficiently educated to provide insightful responses regarding the implications of blockchain technology adoption and governance.

D. Participants' designation



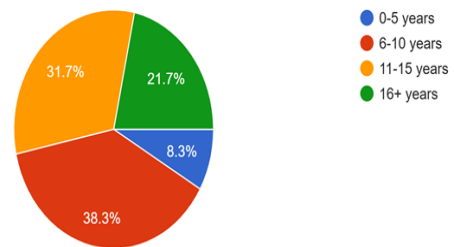
Source: Questionnaire

n=60

Figure 4.4 Participants' Designation

With a variety of professional roles spread throughout several areas, the bar chart displays the current designations of 60 respondents. The categories with the highest representation are Bank Teller, Manager, Student, and Compliance Officer, each had three responders (5%). There are two respondents (3.3%) for other roles such as accountant, forensic scientist, revenue officer, and principal auditor, and one respondent (1.7%) for each of the other designations. This wide distribution implies that the study includes viewpoints from several industries, which raises the validity of the conclusions on blockchain's function in corporate governance. Because these industries frequently demand accountability, transparency, and safe data management, the presence of experts in finance, auditing, compliance, and IT further supports the applicability of blockchain technology to governance concerns.

E. Years of experience



Source: Questionnaire

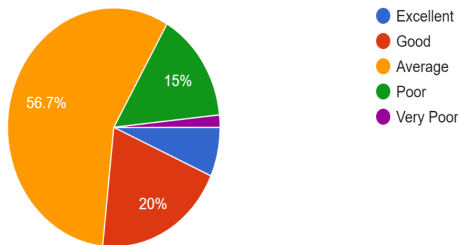
n=60

Figure 4.5 Years of experience

In formulating Figure 4.6, the use of redistributed included not having coped through intervals of 11-15 years, above 15 years, 6-10 years, and below 5 years, which provided a clearer image of participants and responses. Out of every 10 respondents to the survey, more than 3 had attended for a period between 6 to 10 years, around 7 also attended for between 11 to 15 years, and participants above 16 years consistent year were recorded around 2 to 3 people. Responses lead to trying to comprehend determined professional subspecialties of respondents based perspectives to accept plan insufficient experiences related core segments exposure try and understand practitioners governance systems required to construct informed realistic enabled and nurture competent efficient exposed.

CORPORATE GOVERNANCE CHALLENGES

A. Current state of corporate governance in Zimbabwe's private sector

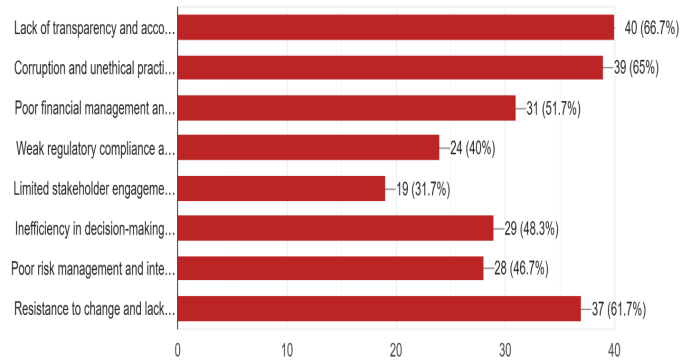


Source: Questionnaire n=60

Figure 4.6 Current state of corporate governance

The findings indicate that while corporate governance structures exist in Zimbabwean organizations, their effectiveness is moderate at best, with 56.7% of respondents rating it as average. However, the 17% who rated governance as poor or very poor highlight significant deficiencies that could hinder organizational performance. This aligns with agency theory, which suggests that weak governance mechanisms can lead to inefficiencies and increased risks of managerial opportunism [26]. Prior studies indicate that in developing economies, governance challenges often stem from weak regulatory enforcement, corruption, and a lack of accountability [18]. If left unaddressed, these issues could undermine investor confidence and hinder economic growth. Therefore, the moderate to poor perception of corporate governance suggests an urgent need for stronger regulatory frameworks and the adoption of transparency-enhancing technologies like blockchain to improve governance effectiveness.

B. Main corporate governance challenges

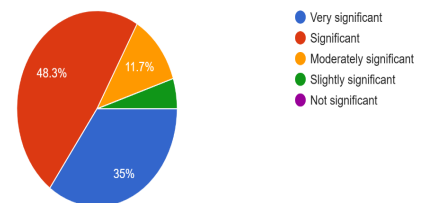


Source: Questionnaire n=60

Figure 4.7 Corporate governance challenges

The findings highlight a lack of transparency and accountability (66.7%) and corruption and unethical practices (65%) as the most pressing governance challenges, followed closely by resistance to change, lack of innovation (61.7%), and poor financial management (51.7%). These challenges align with corporate governance failures observed in developing economies, where weak institutional frameworks and regulatory enforcement contribute to governance inefficiencies [38]. According to stakeholder theory, organizations must maintain transparency and ethical standards to foster trust among investors, employees, and the public [19]. Furthermore, resistance to innovation and inefficient financial management hinder decision-making and long-term sustainability [27].

C. How significant are these challenges to the overall performance of your organization



Source: Questionnaire n=60

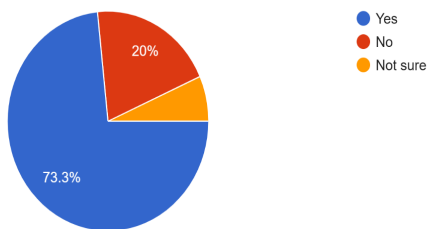
Figure 4.8 Significance of corporate governance challenges to organisational performance

The findings indicate that 83.3% of respondents perceived corporate governance challenges as either very significant or significant to organizational performance, emphasizing the critical impact of governance inefficiencies on business sustainability. Poor governance practices, such as lack of transparency, corruption, and weak financial management, can lead to loss of investor confidence, operational inefficiencies, and reputational damage [23]. According to agency theory, weak governance structures create principal-agent conflicts, where managers may act in self-interest rather than prioritizing shareholder value [13]. Furthermore, studies have shown that organizations with strong governance mechanisms experience higher financial stability and operational efficiency [22].

BLOCKCHAIN TECHNOLOGY IN ADDRESSING CORPORATE GOVERNANCE CHALLENGES

A. Familiarity with blockchain technology

The respondents were asked to assess their knowledge about blockchain technology as shown in Figure 4.9.



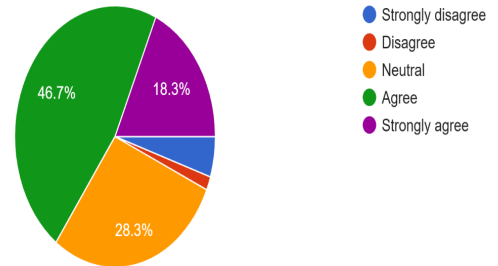
Source: Questionnaire n=60

Figure 4.9 Familiarity with blockchain technology

The results are that 73.3% had some knowledge about blockchain technology which indicates that there is a fair level of familiarity with the corporate world. Nevertheless, 20% of respondents confessed to lacking knowledge in the blockchain domain which shows a gap that might impede its use in governance. In the opinion of [20], transparency, reducing fraud, and improving corporate governance record-keeping have the potential to be adopted and enhanced with blockchain technology. The Technology Acceptance Model (TAM) states that knowledge of a particular technology will affect how useful it is and how acceptable its adoption will be [15]. This implies that organizations having greater knowledge of blockchains will be more inclined to examine the possibilities of using them within governance systems. The existing gap in knowledge, however, exposes the need for capacity building in

the form of training and education seminars designed to raise the understanding and thus adoption of blockchain technology for corporate governance.

B. Determination of whether blockchain technology can enhance corporate governance in Zimbabwean organizations

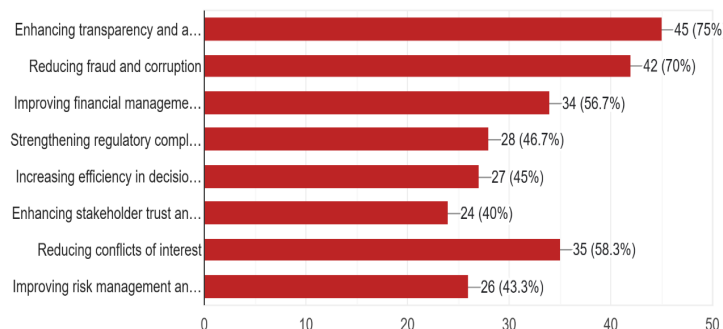


Source: Questionnaire n=60

Figure 4.10 Determination of whether blockchain technology can enhance corporate governance

The findings indicate that 65% of respondents agreed that blockchain technology could enhance corporate governance, while 28.3% remained neutral, reflecting a mix of optimism and uncertainty regarding its effectiveness. This aligns with studies by [22] and [20], which emphasize blockchain's ability to enhance transparency, accountability, and efficiency in governance structures. The neutrality among some respondents suggests potential scepticism or a lack of sufficient knowledge about blockchain's practical applications. According to the Diffusion of Innovation Theory [39], technology adoption depends on perceived benefits, awareness, and trial ability.

C. How blockchain technology can address corporate governance challenges



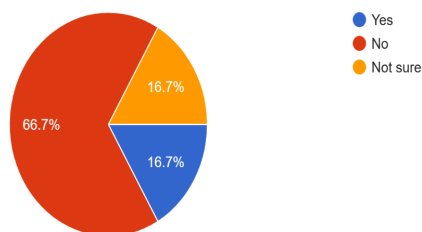
Source: Questionnaire n=60

**Figure 4.11 How blockchain technology can address corporate governance challenges**

The findings highlight that the primary benefits of blockchain in corporate governance are enhancing transparency and accountability (75%) and reducing fraud and corruption (70%), which are consistent with existing literature. Studies by [20] support the view that blockchain’s immutable ledger system enhances data integrity and trust, reducing opportunities for fraud and unethical behavior. Additionally, 56.7% of respondents recognized improvements in financial management and reporting, aligning with research by [38], which suggests that blockchain’s automated verification and smart contracts streamline financial oversight. Furthermore, reducing conflicts of interest (58.3%) and strengthening regulatory compliance (46.7%) indicate that blockchain can support auditable and tamper-proof transactions, a key factor in risk mitigation [22]

ADOPTION OF BLOCKCHAIN IN CORPORATE GOVERNANCE

*A. Has your organization adopted blockchain technology for corporate governance practices?*

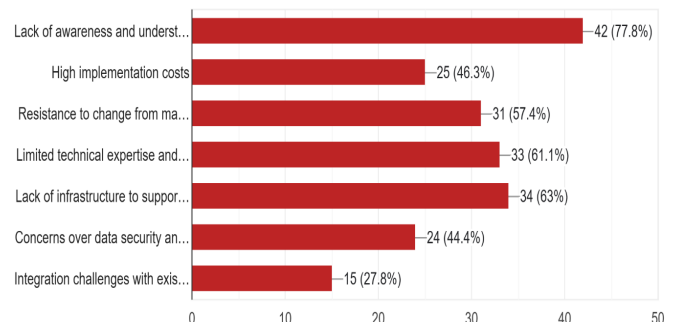


Source: Questionnaire n=60

**Figure 4.12 Has your organization adopted blockchain technology**

The low adoption rate of the blockchain (16.7%) among organizations, despite its recognized benefits, aligns with existing literature on barriers to blockchain implementation. Studies by [27] and [42] highlight key challenges such as high implementation costs, lack of technical expertise, regulatory uncertainty, and resistance to change as primary deterrents. The fact that 66.7% of organizations had not adopted blockchain suggests that while many acknowledge its potential for improving governance, the transition requires significant investment and structural adjustments. Moreover, the lack of a clear regulatory framework in many regions, as noted by [43], further slows adoption.

*B Main barriers to adopting blockchain in your organization*

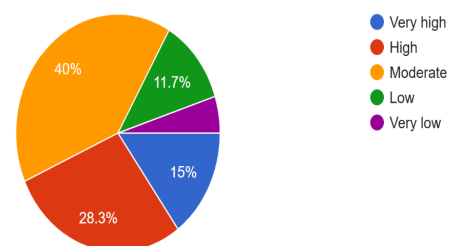


Source: Questionnaire n=60

**Figure 4.13 Main barriers to adopting blockchain in organizations**

The obstacles concerning the adoption of blockchain identified in the study are lack of awareness and understanding (77.8%), lack of relevant skills (61.1%), high cost of implementation (46.3%), change resistance (57.4%), and absence of IT infrastructure (63%). These obstacles corroborate the results of prior studies on new technologies. [42] and [40] emphasize that blockchain technology is still inherently complex, and most of its critical decision-makers do not comprehend it, which lowers its adoption. Also, the absence of sufficient infrastructure coupled with high costs of implementation creates a financial and logistical barrier, especially in developing economies [43]. Additionally, change resistance further complicates the problem as firms tend to avoid modifying their governance structures to integrate blockchain-based systems [41].

*C. Level of importance being placed by a given organization on adopting new technologies for governance improvement*



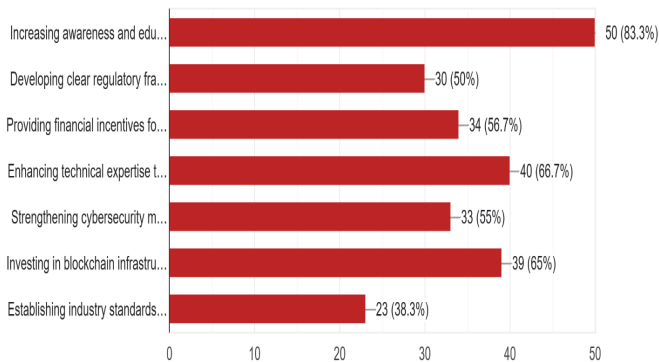
Source: Questionnaire n=60

**Figure 4.14 Level of importance being placed by a given organization on adopting new technologies**

The results show that a large number of participants, approximately 43.3%, recognize technology adoption as important, claiming it to be either “High” or “Very High.” This indicates a willingness to adopt innovations in technology for corporate governance and business process management. Such willingness is important for the adoption of new technologies like blockchain because it denotes a readiness to undergo a digital transformation [27]. On the other hand, there are negative aspects that need to be mitigated such as the lack of computer skills, weak infrastructure, and lack of necessary regulations that govern the use of technologies in administration.

#### STRATEGIES FOR BLOCKCHAIN INTEGRATION INTO CORPORATE GOVERNANCE

##### A. Strategies that can be used to enhance the integration of blockchain into corporate governance



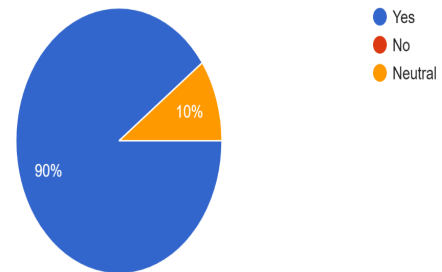
Source: Questionnaire n=60

**Figure 4.15 Strategies to integrate blockchain into corporate governance**

As previously noted, the most recognition strategies include: An organization's awareness (blockchain education) (83.3%), Technical Training (66.7%), Investments in Infrastructure (65%), and Improvements in Cybersecurity (55%). These findings are consistent with literature on the diffusion of innovations, digital transformation, and technology adoption. Documents by [43] draw attention to the notion that awareness and education are central to easing resistance towards and acceptance of blockchain usage at corporate levels. As for [40] draw attention to the urgent need for

technical training and skills development to fill the skill gap towards its functional use.

##### B. Determination of support on the adoption of blockchain technology in corporate governance frameworks.



Source: Questionnaire n=60

**Figure 4.16 Determination of support for the adoption of blockchain technology in corporate governance frameworks.**

The overwhelming 90% support for blockchain adoption reflects a strong positive perception of its potential to enhance corporate governance and operational efficiency. This aligns with findings from [38], who argue that blockchain's decentralized nature fosters trust, transparency, and security, making it an attractive solution for organizations seeking improved governance mechanisms. Moreover, [26] highlights that high levels of stakeholder support are crucial for successful blockchain implementation, as they drive organizational commitment to overcoming barriers such as technical complexity, costs, and regulatory uncertainty.

#### IV. SUMMARY OF FINDINGS

The results of the study demonstrate that blockchain could revolutionize corporate governance in Zimbabwe through improved transparency, reduced fraud, and better protection of information communication technology. This research anchored that the immutable ledger system of blockchain guarantees integrity and prevents financial mismanagement and cyber abuses. In addition, blockchain's decentralized structure enables better trust and accountability among stakeholders since all records and transactions are verifiable and do not change. These positive impacts confirm the global trends where the use of blockchain technology is adopted in governance and regulatory compliance.

Although blockchain technology has benefits, this study identified critical barriers to its adoption in Zimbabwe, such as poor awareness from business executives, expensive processes, and vague government policies. The majority of firms do not



have the required technology or skilled resources to block the governance systems properly. Nonetheless, the study argues that these barriers can be overcome with deliberate policy changes, investment in digital infrastructure, and partnership initiatives. This research further reveals that the application of blockchain technology in corporate institutions results in faster audit turnaround times, better compliance with regulations, smaller resistance from stakeholders, and consequently, improved governance in Zimbabwe.

## V. CONCLUSIONS

This study sees a revolutionary solution to Zimbabwe's corporate governance and cybersecurity challenges with the adoption of blockchain technology in Zimbabwe. Blockchain breaks data silos and enables seamless record-keeping which increases trust, accountability, transparency, and the overall reputation of corporate entities. Financial malpractices and cyber frauds have been very common in Zimbabwe and blockchain's use of cryptographic security proves to mitigate these risks. This increase in cybersecurity enhances governance efficiency which is a major concern in Zimbabwe. These factors make blockchain one of the most important technologies to improve regulatory governance and create a safe corporate environment in Zimbabwe.

Nevertheless, the study also recognizes the lack of regulatory clarity, high cost of implementation, and insufficient technological skillsets as barriers to the use of blockchain. To address these issues, technology policymakers, business leaders, and skilled personnel need to cooperate. The adoption of blockchain technology can be made easier by proactive approaches like investment in education, development of regulations, and collaboration with international blockchain organizations. If blockchain technology is properly adopted, it will improve the governance structures in Zimbabwe which can in turn increase economic growth and investor confidence.

## VI. RECOMMENDATIONS

To improve the adoption of blockchain technology in corporate governance, the first policy step is to develop corresponding policies and regulatory frameworks. The government needs to create an accommodative legal regime towards the adoption of blockchain technology and at the same time, mitigate issues of compliance, data protection, and fraud control. The lack of regulation was beneficial as it made it easy for firms to seek blockchain alternatives without worrying about legal challenges. Furthermore, cooperation among government bodies, financial institutions, and ICT specialists is required to formulate a coherent policy on the governance of blockchain technology. If Zimbabwe aligns its regulatory framework with international best practices, it will be able to support business transformation through the use of blockchain technology.

The second strategy is to focus on raising the awareness of and training corporate decision-makers, information technology practitioners, and cybersecurity professionals for proper implementation of blockchain technology. Adoption barriers for many organizations are still education and skills-related due to a lack of awareness of blockchain technology. Workshops, training programs, and other forms of certification programs should be designed to upskill the different sectors of the industry. In addition, secure digital platforms and decentralized networks need to be put in place to enhance infrastructure support for the adoption of blockchain technologies. The move to integrate cybersecurity and blockchain technologies resulted in enhanced governance and data security within the organizations. Last, but not the least, Zimbabwe needs to hire international consultants who will be helpful in blockchain technology implementation and for guidance on best practices.

Working together with international leaders in blockchain technology can expedite knowledge transfer and adoption of appropriate technology solutions in Zimbabwe. Furthermore, the execution of pilot projects and case studies in selected organizations serves as proof of the effectiveness of blockchain technology prior to its widespread use. These pilots helped to resolve the technical and operational issues, providing the means for a controlled and educated shift to blockchain-enabled corporate governance. By following these steps, Zimbabwe can improve the effectiveness of its corporate governance systems, strengthen cybersecurity measures, and increase the level of business openness within the country.

## VII. SUMMARY

This research examined the role of blockchain technology in improving corporate governance and cybersecurity in Zimbabwe. It discussed the scope of the study, provided the most important results, and developed conclusions from the analysis. The steps provided were aimed at allowing the deployment of blockchain technology into corporate governance processes, resulting in greater transparency, security, and efficiency within the Zimbabwean corporate world.

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