

A New Belt and Road Framework Method Based on the Internet of Things (IoT) for Industrial Applications

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Abstract

A network called the Internet of things (IoT) enables data communication amongst all autonomous inanimate devices. It is a network that enables users to practice object communication. Its development marks a significant turning point in digital technologies. The IoT is growing, and with it, the amount of research being done on its foundation. The western region's economic growth should take advantage of this growth and find a path that works for it. There are many flaws and issues in the accounting system of enterprises as a consequence of the development of internal management aspects. In order to aid the west area's quick development, this article is focused on the optimization of the financial growth trajectory of that region against the "Belt and Road" framework. The interaction development route of related industries and modern urbanization is presented in this research. The future total GDP and per capita GDP of the west area are studied and reported using simulated data. According to the data, the west area's total GDP and per capita GDP will expand annually over the following 4 years and afterwards continue to grow.

Keywords- Enterprises, Internal Management, Economic Growth, Internet of Things (IoT), Urbanization, Belt and Road.

I INTRODUCTION

The economic advantages of the Internet of Things have piqued the interest of nations throughout the globe. At the same time, IoT has emerged as a key driver in the global economic revival. An organization needs both outside help and in-house management if it is to flourish [1]. Because of the synergy that may be achieved when internal management and external technology work together, In order to help businesses expand, this article discusses how to use cloud computing, the Internet of Things, and internal financial control management all at once. The internal control system employs a range of mechanisms to keep tabs on and oversee the handling of assets, therefore lowering the possibility of waste, corruption, and the loss or theft of capital. The corporation is able to operate smoothly because of the scientific internal control system, which regulates, coordinates, and evaluates the numerous operational departments and employees inside the organization in an objective manner [2]. Without reliable financial records, business executives are unable to understand the past, plan for the future, or make sound decisions in the present. This study recommends implementing control from the strategic and operational levels, and using the control approach integrating outcome control and behavior, to manage

business risk [3]. This study argues, from a managerial perspective inside a business, that the primary objective of internal control is to strengthen the organization's resilience to risk and to hasten the achievement of its long-term objectives.

The scientific management of a company leads to increased value creation and reasonable growth. Internal and managerial accounting processes are becoming more important in light of the present economic crisis, as confirmed by the researcher [4]. Finding certain already duplicated procedures eventually proved to be in compliance with the principles enabling successful implementation thereof, they recognized the possibility and method of including management accounting processes in internal control processes. In order to keep up with the demands of the knowledge economy, businesses' accounting information resources must be upgraded. The researcher conceived up and executed a data-mining-driven infrastructure for corporate financial management [5]. At first, people established standards for the organization's platform inspections and directed the installation of accounting data. In conclusion, the findings demonstrate that the experimentally built enterprise accounting platform can perform most accounting and financial management

activities and give a strong foundation for the financial management decision of firms [6]. The practical use of the platform to accounting tasks has shown its effectiveness and viability. The researcher examines the performance of the enterprise's internal environmental aspects, develops management solutions, and optimizes the performance in response to management needs [7]. The information model provides a more than adequate representation of the specific object under management, and the solution's excellent quality stems from the ability to fine-tune the device's volume so that it may fully carry out its fundamental function. Since this analysis runs on its own information platform, any digital transformation will need to make use of cutting-edge digital methods. The authors employ system analysis and other methods to synthesize recent literature on the management of economic systems, the development of digital technology, and the integration of these themes into managerial decision making [8]. Accounting is a management tool that facilitates communication between an organization's IT infrastructure and its administrative management structure. Management accounting systems, as emphasized by the researcher, are concerned with the inner workings of a company and supply managers with crucial data in a number of interconnected areas, including but not limited to: planning, budgeting, analyzing, coordinating, deciding, controlling, and checking the results of your efforts [9]. In order to assess the viability of providing data via management accounting systems, People plans to survey a total of 301/subjects. People begins by stressing the significance of management accounting information. People reasoned his way to a number of inferences based on prior connections. The researchers hare findings from their study on the development of accounting and control systems to assist management's decision making with data and analysis [10]. The cost of capital is a crucial component for developing strategic financial indicators for a business.

Research shows that the established accounting and control system supports the company's market management goals via information and analysis, and that the system's business activities are automated in tandem with other management systems [11]. With the help of a synthesis and analysis of 35 research publications published between 2006 and 2017, people has developed a framework for the creation of decision support systems that takes into account the convergence of cloud computing, machine learning, and the Internet of Things [12]. The findings demonstrate the importance of computer algorithms and advanced analytical approaches when dealing with massive amounts of data. The IoT combines data collection at scale with data mining to accelerate AI training in business. Data from IoT devices is not yet represented, shared, or understood in a standardized

fashion. In their study. Provide an extension of unsupervised models for autonomously learning word categories, highlight the benefits of semantic strategies for context organization, and dissect the constraints of existing storage and analysis options [13]. These ideas have explored combining IoT cloud computing with internal accounting control, however this is presently constrained and not practical [14]. RFID is a basic, straightforward, and practically applicable application technology that doesn't need any special setup or attention to the surrounding environment. Short-range RF devices, for instance, may sub in for barcodes and work in any setting, whether it oil-stained or dust-polluted. As the Internet of Things has grown, automated data collecting has replaced more labor-intensive manual methods. In order to perceive objects in the IoT, radiofrequency identification technology has emerged as the frontrunner. The use of radio-frequency identification (RFID) began in the military context, namely for the detection of airplanes using radar [15]. Radio frequency identification has made its way from the military sector to the Internet of Things as a result of ongoing advancements in science and technology. The radio frequency identification system's basic working principle is as follows: When an electronic tag comes within range of a reader's magnetic field, the tag is triggered by the reader's radio frequency signal sent out via the antenna. This requires four components: the tag, the antennas, the management system, and the reader. Consequently, the onboard radiofrequency antenna will send the encoded data contained in the chip, or an active signal of a predetermined frequency will be transmitted, using the energy acquired from the induced current. The reflected microwave synthesis signal is picked up by the reader's receiving antenna, decoded by the antenna regulator, and then transferred to the centralized information system for further processing [16]. The tag's code is read by the centralized system, processed and controlled in accordance with various settings, and then the control reader is sent an instruction signal to perform the necessary read/write operations.

Belt and Road Initiative

Despite a worldwide uptick in protectionism and anti-globalization attitudes, proponents of open trade, multinational corporations, and small and medium-sized businesses [17] hail the Belt and Road Initiative (BRI) as a beacon of hope. President Xi Jinping announced BRI during a state visit to Kazakhstan and Indonesia in 2013. Its goal is to boost infrastructure and commerce over land and sea routes, which should provide fresh economic impetus in the face of escalating deglobalization and protectionism. BRI has been receiving increasing amounts of study despite its relative youth. Never studies have begun to identify BRI's

impacts on commercial entities, while older research has descriptively stressed the initiative's rationale and its dangers and uncertainties from a political viewpoint [18]. Demonstrate, for instance, a notable growth in Chinese OFDI along BRI lines after the initiative was launched. confirmation that export incentives toward BRI markets are provided by BRI-related subsidies, but that difficulties in realizing the policy's full potential are introduced by owners' varying cultural backgrounds and ethnicities [19]. Our knowledge of this amazing scheme, however, is still in its infancy. First, organizations' reactions to the BRI are not unified, necessitating more research into the diversity of responses inside and across companies. The ability to fine-tune the policy for various groups of participants depends on policymakers having a thorough understanding of organizational heterogeneities [20]. For instance, it is unclear if the legislative architecture that makes China's state-owned firms (SOEs) automatic important actors in the BRI really leads to the realization of policy or organizational goals. Secondly, although BRI is being studied mainly as a policy incentive, it may also be seen as a special institutional setting. Proponents of institution-based theory have argued that BRI provides a unique chance to study how organizations co-evolve with and adapt to massive institutional changes. Third, while previous studies have mostly focused on the implications of the BRI for international business (IB), it is likely to have an impact on other areas of an organization as well. That being said, in order to outline more full theoretical contours of BRI, it is vital to identify additional factors that are influenced.

Since 2010, China has been making efforts to establish itself at the forefront of the emerging economic order and as a key player in the fifth industrial revolution [21]. B & R's involvement in helping developing countries export and phase out certain items and manufacturing allows for the necessary transition time for aging economic infrastructure. Developing innovative AI-powered e-commerce, robotic logistics, and other business endeavors. Capable of producing on its own, exporting value-added goods to the rest of the world, and regulating its supply chain via physical infrastructure like airports and seaports or digital channels [22].

There is a substantial investment in the B & R effort and a robust infrastructure to back it up. PwC estimates that over the next decade, B & R may receive up to \$1 trillion in outbound state investment from the Chinese government [23]. This investment will mostly take the form of a preferential loan, however there will also be some shares issued. The government has set up specific structures to channel these funds to the programs and initiatives that can have the greatest impact. These initiatives include the

transfer of large amounts of foreign currency reserves and the deployment of large state-owned businesses to the region [24] [25]. By promoting the export of China's advanced engineering and construction skills, materials and equipment, and homegrown innovations, the B & R initiative aims to alleviate the country's overcapacity. China will largely carry extra capacity at a low opportunity cost, so quick returns aren't necessary, and the country already has expertise building world-class infrastructure [26]. Because of this program, some backward regions, especially in rural China, will have a fantastic opportunity to catch up to the more developed provinces on China's East coast [27].” The federal government hopes that through improving communication with the neighboring territories, it may help the interior states become more stable. B & R as it stands now also underscores China's broad goal to raise its global leadership position and create deeper connections with its neighbors. China is aiming to expand its influence in a geopolitical arena in which major states battle for control over rising economies [28]. It seems that the government's objective is to lend and provide help to China in order to increase the latter's economic might (including the use of its currency on a global scale) and its trading prowess.

II LITERATURE REVIEW

A network called the "Internet of things" enables information exchange between all autonomous inanimate items. It is a network that enables users to practice object communication. Its development marks a significant turning point in information technology. With the growth of the Internet of Things, more and more research is being done on its foundation, and the western region's economic development needs to embrace this opportunity and choose an appropriate development course. This article by Jiao (2022) focuses on the optimization of the western region's economic development path against the backdrop of "the Belt and Road" to support the western region's quick development. The interaction development route of industrial clusters and new urbanization is presented in this research. The future total GDP and per capita GDP of the western region are analyzed and summarized using simulation data. According to the data, the western region's total GDP and per capita GDP will rise by more than 30% annually over the next five years, and will continue to do so. New technology has forced firms to innovate their business models during the past ten years. In order for Industry 4.0 and the Internet of Things (IoT) to fulfill their potential as sources of value and income, they have specifically called for the development of their own business models. This trend is not unfamiliar to seaports. Some of them have moved toward a new value-generating and community-

focused paradigm, known as the fifth generation (5G) port, as important nodes in the global supply chain and logistic networks. The impact that IoT technology will probably have on the evolution of seaport business models, as well as the part that institutional initiatives play in such evolution, are explored in this research article by Henriquez et al. (2020). To do this, a case study regarding the Port of Barcelona is provided, together with the strategic plans it has implemented within the framework of the Belt and Road Initiative created by the Chinese government. The case suggests a link between IoT technology and the adoption of a 5G business model, however it is not conclusive.

Blockchain is a technology that combines a special set of properties to guarantee network security, transparency, and visibility, including a decentralized structure, distributed nodes and storage mechanism, consensus algorithm, smart contracts, and asymmetric encryption. Supply chain (SC) services, including SC provenance, business process reengineering, and security enhancement, have enormous potential to be transformed by blockchain. The usage of blockchain in SCs has been the subject of an increasing number of studies in recent years. The authors of this paper, Dutta P et al. (2020), take into account 178 articles in total and review all of the pertinent research that has been done in the area of the use of blockchain integration in SC operations. The authors emphasize relevant opportunities, potential societal effects, current cutting-edge technologies, along with significant trends and challenges. They look at various industrial sectors that can be successfully redesigned with blockchain-based technologies through improved visibility and business process management, including shipping, manufacturing, automotive, aviation, finance, technology, energy, healthcare, agriculture and food, e-commerce, and education. The foundation for further research on this significant emerging research area is laid by the creation of a future research agenda.

China's Belt and Road Initiative (BRI) is an effort to address the need for the world to work together to address issues with governance, climate change, development, and human health. The current "rules-based global order," as well as the economic domination and moral, political, economic, and cultural leadership of the United States and its allies, are under threat from China's ascent and the BRI. China, however, does not seek hegemony, but rather a multipolar world where shared values and the notion of peaceful coexistence coexist. The BRI's development is described, along with the ways in which it represents Chinese interests. These include its contributions to addressing resource dependence and excess capacity, a shift from investment promotion and factor-intensive growth to going out and industrial upgrading, going West, and the efficient use of

China's foreign exchange assets. In an effort to achieve win-win cooperation and mutual benefit, the BRI is structured such that partners also gain, even while China may therefore potentially benefit. The guiding principles of this strategy and the need for a community with a common destiny are contrasted with competing western principles, which have their origins in Enlightenment philosophy and are linked to a history of colonialism and imperialism. In light of this, the article's conclusion takes into account the BRI's global ramifications, its difficulties, and the possibility that the current unipolar moment will give way to a multipolar global growth route.

Risks in the global supply chain (GSC) are rising, and the Belt and Road Initiative will only make them worse (BRI). On the other hand, little is known about the topic. This study used a two-pronged strategy to identify operational, supply, demand, and other environmental risks by conducting a systematic assessment of 178 papers in the literature and applying the GSC risk framework. Before modeling the effects of six risk factors on BRI GSC disruption, propositions were established and grounded with theoretical underpinnings. This Ram (2021) approach enables the consistent application of information in practice and offers a theoretical foundation for creating a shared awareness of BRI GSC hazards.

The One Belt One Road countries' corporate transformation trend demonstrates the idea of sustainable development's progressive rise to popularity. This essay by Junjie Zhang (2020) concentrated on identifying the sustainability's most pressing problems through a review of the literature to offer arguments in favor of its transformation from general principles to detailed regulations. This study explores the history of the concept of sustainable development and summarizes the definitions of sustainability in order to accomplish this goal. It does this by looking at prior research and official international papers.

The Chinese economy has grown to be an indispensable and significant force on the global stage, solidifying the public's support for the reasonable demand for RMB internationalization. The Belt and Road Initiative has been proposed and promoted, and this has acted as a catalyst for the RMB's rapid internationalization. The "Belt and Road" policy applies to all nations, not just those in Asia, Europe, and Africa. Since the "One Belt, One Road" strategy is being implemented, it is crucial to closely monitor its progress, comprehend it, and dynamically analyze how it will affect the internationalization of the RMB in order to swiftly suggest workable solutions. In order to further investigate the countermeasures for mutual benefit and win-win with relevant interest countries, Yuan Li's (2020) paper focuses on the content and theoretical research of "The Belt

and Road" strategy and analyzes the impact of the strategy on the internationalization of the RMB in depth.

One of the most ambitious plans to improve infrastructure connections both within and across nations has been the Belt and Road Initiative (BRI), which was first put up by China in 2013. Over the past five years, however, there has been significant criticism around the initiative. It is praised for providing the basic electricity and transportation infrastructure that many developing nations urgently want, but it is criticized for the negative effects that large-scale infrastructure projects have on the environment, society, and the economy. In 2016, the Chinese government put up a green BRI. It is crucial to comprehend how the BRI will be made greener, especially by the Chinese corporations who finance and build BRI projects. The difficulties and incentives that Chinese businesses must contend with as well as their capacity to green BRI projects are examined in this article by Jiang Xiheng (2019). Gaps in these three areas are identified, and important stakeholders are given policy recommendations.

III PROPOSED METHODOLOGY

The Silk Road has been an integral part of China's economic relations with the rest of the world. It acts as a conduit and connection point for the dissemination of cultural practises from one nation to another. As well as a new manner and policy of collaboration, the Silk Road Economic Area will facilitate commercial trade and cultural interchange. There has been extensive research into the potential of the Silk Road Economic Area, and experts can now agree on how best to divide up China into administrative regions. States along "the Belt and Road" have wide and open lines of interaction and cooperation about economic policy, and they all work together to create guidelines and policies that will help advance regional cooperation. This opens the door for dialogue to resolve issues in cooperative efforts. It does this through means such as cooperative school management, tourism collaboration, scientific and technology cooperation, information communication regarding contagious diseases, and so on. In addition to fostering goodwill and understanding between countries along the route, this strategy also prepares the ground for increased public support for bilateral and multilateral collaboration. The "Belt and Road" initiative is a national plan that adheres to the principle of inclusive and open collaboration in the areas of economic and commerce. It makes use of economy - wide interaction and coordination among the residents of the region, as well as the careful plans of public entities along the route, the system of facilities, the collaboration of financing and procedure, the formation of cash and investing and savings mechanisms, and so on. It will inspire all areas

to pool their resources, work together, and supplement one another in order to take regional cooperation in Asia and Europe to new heights. There are 12 provinces in China's western region. Figure 1 depicts the IoT framework.

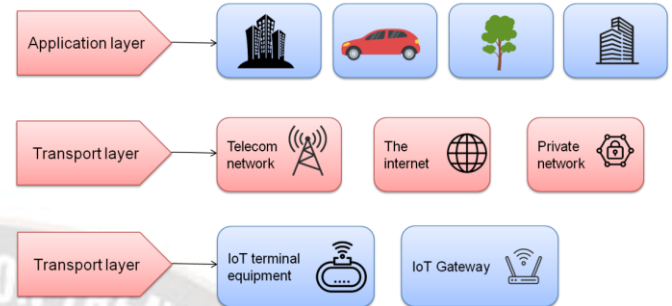


Figure 1: IoT Framework

A. Optimizing Economic Development Path.

This study primarily examines new urbanization and industrial group as two approaches to economic growth and then evaluates and optimizes the interactive establishment of industrial group and modern urbanization.

A location quotient above 1 indicates a large concentration of businesses and is now the most popular measure of this phenomenon. This research uses the location quotient approach since it is based on data that is readily available and can be easily processed. Following is the formula for determining the location quotient.

$$P = \frac{H_1/C_1}{H_0/C_0} \quad (1)$$

H_1 stands for regional industry revenue, H_0 for regional industrial earnings over scale, A_1 for nationwide industry revenue, and C_0 for country's industrial business revenue above scale.

If P is more than 1, we can infer that the rate of industry clustering in this area is higher; if P is less than 1, we can infer that the grade of industry cluster is less; and the location quotient result can suggest a comparable level of specialization in a given area.

The explorative measured variables for internal and external management parameters, N and M are shown as $N(N_1, N_2, \dots, N_i)$ and $i = 1, 2, 3, \dots, x$ and $M(M_1, M_2, \dots, M_i)$ and $i = 1, 2, 3, \dots, x$, respectively. The following Equations (2) and Equation (3) are estimations for data sets.

$$S(N) = \frac{\sum_i^x N_i^2}{x} + \int N(N_1, N_2, \dots, N_i) \text{ and } i = 1, 2, 3, \dots, x \quad (2)$$

The impact of IoT in evaluating internal management under BRI

$$S(M) = \frac{\sum_i^x M_i^2}{x} + \int M(M_1, M_2, \dots, M_i) \text{ and } i = 1, 2, 3, \dots, x \quad (3)$$

Wherein the correlation coefficients are computed using the Equation (4).

$$Cor(N, M) = \frac{\sum_i^x (N_i^2 - S(N))(M_i^2 - F(M))}{\sum_{i=1}^{NM} N_i^2 M_i^2} \quad (5)$$

The R in a Pearson correlation test is calculated by using the equation below (6).

$$R_{n,m} = \frac{\sum_i^x (N_i^2 + S(N))(M_i^2 + F(M))}{\sum_{i=1}^{NM} N_i^2 M_i^2} \quad (6)$$

So because N_{data} vulnerabilities data contain just few N_{HDI} noises, it must be pre-processed before being used by N_{HDI} human. Again for feature extraction stage, individuals employ Equation (6).

$$N_{data} = \sum_{i=1}^{NM} N_i^2 M_i^2 + \sum_{i=1}^x [N_{HDI}, N_{HDIh}] \quad (7)$$

The Q return has been calculated as the ratio of an amount of $\frac{X_{GR}}{X_{GR} - X_{SR}}$ correct categorisation between the many are all to the positive class favourable samples result obtained during testing, as detailed in the following Equation (8).

$$Q = \sum_{i=1}^x \frac{X_{GR}}{X_{GR} + X_{SR}} + \int [N_{RDI}, N_{RDh}] \quad (8)$$

A test is a parametric procedure of the accuracy of a binary class that combines the models' classification performance of internal management along with recollect. This can be assumed of as a summation estimate of a subject's precision recollection, with a maximum value of 1 and a minimum value of 0. $F1$ is the guesstimate of a guesstimate of a classifier's precision and recollect, and QH is the combining of the it's accuracy and recollect, as stated in Equation (9).

$$F1 = \sum_{i=1}^x \frac{QR}{Q + R} + \sum_i^x (N_i^2 + S(N))(M_i^2 + S(M)) \quad (9)$$

The framework's constrictions and the development of a range of rules as the primary goal of the internal management is given in the Equation (10).

$$F1 = \sum_{i=1}^x \frac{QH}{Q + H} - \sum_{i=1}^x \frac{X_{GH}}{X_{GH} + X_{FH}} \quad (10)$$

The area is mostly seen in the circle form as a dynamic, changing, spatially delimited entity with a specific

population capacity. They participate in a variety of economic activities both geographically and via multiparty interactions. The spatial "distance decay law" has an impact on the threadlike link between the layers of the circle. The core area is primarily the regional structure of constructed regions, and the entire region has gradually grown into a form of aggregation and dissemination in one. The transition from urban to remote regions is represented in several facets of life, entertainment, the built environment, and so forth, displaying a fairly regular derivative shift as the rings continue to encircle the surrounding areas. Inner layer, mid ring, and outer ring are the primary divisions of the city as well as its environs. The most populous and economically developed region of the city is at its centre, or inner circle. The tertiary sector dominates it. The secondary industry predominates in the middle circle, which is a balance among urban and rural locations. The main industry, which brings together farming, animal rearing, and eco system, dominates the outer circle. Tribes started to form in the prehistoric culture, which was dominated by hunting and gathering. The tribes have various distinctive industries because of the varied living conditions and resources. The agricultural era saw the emergence of small communities and villages. The production has scaled up and demonstrated the traits of great efficiency as massive machinery have gradually replaced the artisan enterprises. There are many articles available, industry-focused cities are emerging, and people are concentrating in one location and utilising the same social and economic facilities. The nearby secondary businesses of these businesses also grow quickly along with these cities' fast urbanisation. The city receives agricultural products from the countryside, and the countryside receives city products. Cities have grown as a result of economic growth, income inequality, and other elements that satisfy human wants. In cities where secondary industry is the dominant economic driver, both the price of living and enterprise production are on the rise. The crowding-out effect of cities manifests as industries disperse to neighbouring cities, producing a middle circle. Figure 2 illustrates how the central circle starts to grow the tertiary sector, including the financial sector and service sector, which is the level of the industry chain with the highest level of value added.

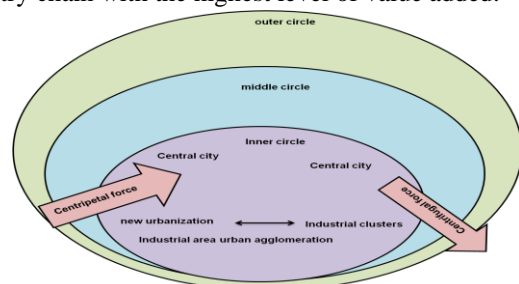


Figure 2: Structure of industrial area urban agglomeration

IV EXPERIMENTAL RESULT

In this paper, we proposed the Internet of Things economy in the context of the Belt and Road initiative of Optimize the internal management system of enterprises [IoT]. Existing methods such as Big Data [29], Analytic Network Process-Cloud [ANP-Cloud] [30] And Supply Chain Collaboration [SCC] [31] are compared to the proposed work [IoT]. It has only been since November 2013 that the strategic notion of the Silk Road Economic Zone was proposed, and since then, the border region has only just begun to move from the conceptual to the practical stages. There is a lot of policy backing and regional planning in place currently, but the impact of implementation still needs to be improved.

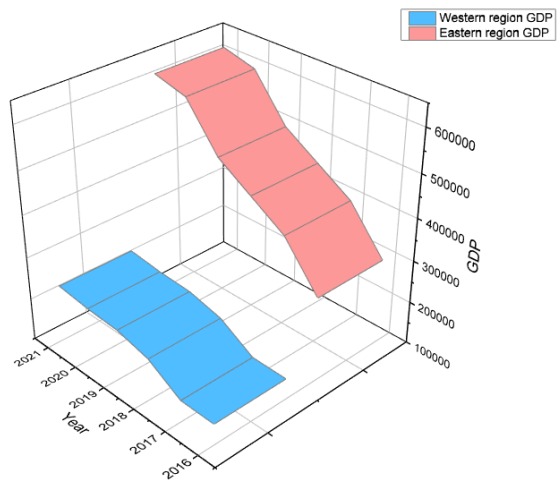


Figure 3: GDP in the East and West

Figure 3 illustrates the western region and eastern region GDP. It can be observed that eastern region GDP has increased more than the western region GDP.

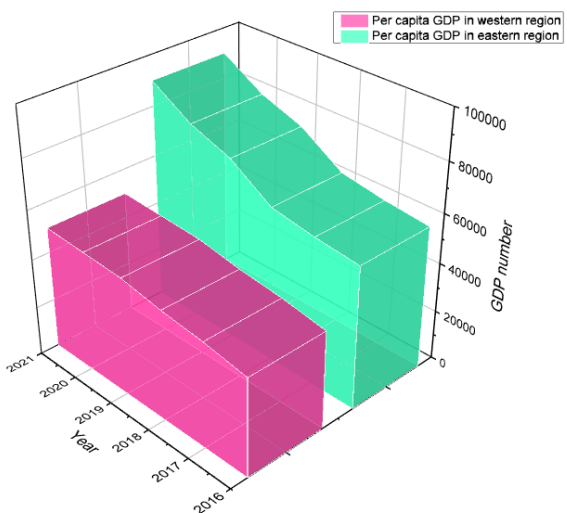


Figure 4: GDP per capita in the East and West

Figure 4 demonstrate GDP per capital in the East and West. It can be observed that the GDP has increased from 2016-2021.

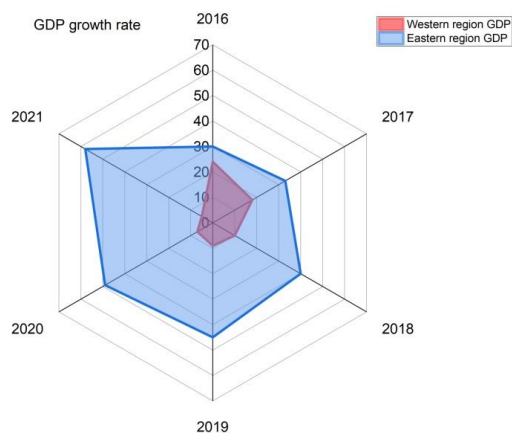


Figure 5: East-West GDP growth

Figures 5 demonstrate that there is a significant disparity when compared to the east. It is clear that the eastern region's GDP is larger overall than the western region's, and from 2016 to 2021, the growth rate of the western region's GDP decreased. Similar to the eastern region, the GDP per capita is expanding slowly. As a result, the western region should take advantage of the IoT and adopt a sound economic growth strategy to boost GDP.

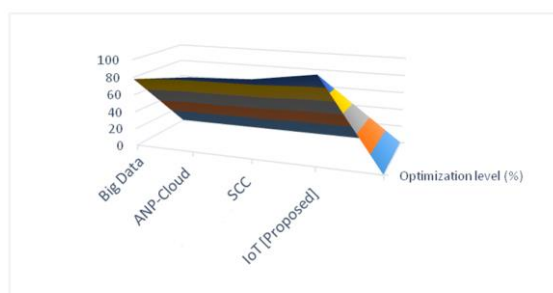


Figure 6: Optimization level

A unique choice is to enable or disable certain optimization level. The command line option -On controls the level of overall compiler optimization. The business process improvement cycle includes steps called optimization level, which can be used to research and plan upcoming organizational changes. Only project models are affected by optimization phases, which are connected to business operations and business procedures. Particularly in business, optimization is particularly significant since it helps to save expenses, which can result in increased earnings and success in a cutthroat market. Numerous optimization techniques are employed, including traditional techniques and techniques based on soft computing. Figure 6 displays the optimization level of the suggested and existing methods. The proposed work has the greatest optimization level than that of the existing approaches throughout this examination. We

evaluate the suggested work [IoT] in comparison to state-of-the-art techniques like HCA, Big Data, ANP-Cloud and SCC.

V CONCLUSION

To facilitate data exchange amongst all independently operating inanimate objects, a network known as the Internet of things (IoT) has been established. It is a platform for people to get some experience with talking to things. Its creation is a watershed moment for computer technology. The amount of study devoted to the IoT's underpinnings is expanding in tandem with the IoT itself. Benefiting from this expansion, the western region's economy should chart its own course. As a result of improvements in internal management, the accounting system of businesses has become fraught with problems. This article examines how the "Belt and Road" framework might be utilised to optimise the west's economic growth trajectory, with the goal of hastening the region's development. This study lays out the developmental path taken by interdependent industries and contemporary urbanisation. Using hypothetical data, we analyse and report on the West region's projected total GDP and per capita GDP in the future. The information indicates that the west region's GDP and per capita GDP will increase annually for the next four years and then continue to grow.

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