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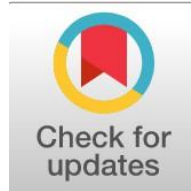
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Digital Transformation in Reshaping Economic Planning Policies and Sustainable Development in Iraq

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Abstract

General Background Digital transformation serves as a crucial catalyst for modernizing national economic systems and optimizing public policy frameworks. **Specific Background** In developing economies like Iraq, integrating digital infrastructure into financial and administrative mechanisms remains essential for long-term policy reformulation. **Knowledge Gap** However, empirical evidence evaluating the precise structural contribution of digital adoption to economic planning and sustainability in post-recovery contexts remains limited. **Aims** This study investigates the impact of digital transformation on reformulating economic planning policies and fostering sustainable economic development opportunities in Iraq. **Results** Analyzing data from 450 specialists, findings reveal moderate implementation levels across digital adoption, planning policies, and sustainability metrics, while regression analysis demonstrates a statistically significant positive impact of digital implementation on policy reformulation and sustainable development. **Novelty** This research provides empirical validation of digital policy integration within Iraqi public management. **Implications** Strategic digitalization accelerates administrative transparency, resource optimization, and economic diversification.

Keywords: Digital Transformation, Economic Planning, Sustainable Development, Financial Inclusion, Public Policy

Key Findings Highlights

Quantitative evaluation confirms moderate implementation levels across digital adoption, economic planning policies, and sustainable growth opportunities in Iraq.

Statistical analysis establishes a significant positive relationship between digital transformation and the structural reformulation of national planning frameworks.

Empirical findings demonstrate that digital technology integration directly enhances institutional capacity for long-term sustainable economic diversification.

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Introduction :

The rapid advancement of technology has made digital transformation (DT) a critical factor for organizational growth and success. As businesses work to remain competitive and adapt to evolving customer expectations, the strategic adoption of advanced digital technologies has become a fundamental aspect of their digital transformation efforts. Continuous digital transformation emphasizes integrating these technologies into business operations in a sustainable and responsible way, considering their environmental, social, and economic impacts. According to Alojail and Khan (2023, p. 13), this involves evaluating environmental footprints, optimizing energy consumption, and minimizing electronic waste to ensure the enduring application of innovative technologies.

Another key dimension is addressing the societal implications of technology adoption, such as safeguarding privacy, fostering diversity, and promoting digital literacy among employees and customers. By adopting sustainable practices in the implementation of advanced digital technologies, organizations can not only achieve cost efficiency and operational improvements but also contribute positively to broader objectives—reducing their carbon footprint, supporting social progress, and driving economic growth (Li & Xu, 2024, p. 16). This research therefore seeks to investigate the transformative role of digital transformation in reshaping economic planning policies while fostering sustainable economic development opportunities.

Problem Statement:

The world is experiencing a swift digital transformation, bringing about profound shifts in how national economies are managed and public policies are developed.. Digital transformation has become a key driver of economic growth, improving the efficiency of government services, and enhancing the ability to make data-driven decisions. Despite the efforts of many countries to adopt digital technologies in economic planning, there is a disparity in the level of utilization of these technologies and their ability to achieve sustainable economic development goals.

The problem addressed in this study is the need to understand the extent to which digital transformation contributes to reshaping economic planning policies and to reveal its role in enhancing opportunities for sustainable economic development by improving resource management efficiency, supporting innovation, increasing productivity, and achieving inclusive economic growth. The main question is as follows:

What is The way that the digital revolution is changing the economy planning policies and enhancing opportunities for sustainable economic development?

Research Questions:

The research questions are as follows:

1. What is the current state of digital transformation implementation in Iraq?
2. What is the level of implementation of economic planning policies in Iraq?
3. What is the level of achievement of sustainable economic development opportunities in Iraq?
4. What is the impact of digital transformation on reshaping economic planning policies in Iraq?
5. What is the impact of digital transformation on enhancing opportunities for sustainable economic development in Iraq?

Study Objectives:

The study aims to:

- Identifying the current state of digital transformation implementation in Iraq
- Identifying the level of implementation of economic planning policies in Iraq
- Identifying the level of achievement of sustainable economic development opportunities in Iraq
- Studying the impact of digital transformation on reshaping economic planning policies in Iraq

- Studying the impact of digital transformation on enhancing opportunities for sustainable economic development in Iraq

Study hypotheses:

H1: There is a statistically significant impact of implementing digital transformation on reshaping economic planning policies in Iraq

H2: There is a statistically significant impact of implementing digital transformation on enhancing opportunities for sustainable economic development in Iraq

Theoretical framework:

Digital transformation

The concept of digital transformation:

It is also defined as "a comprehensive program that affects the organization and its internal working methods and style, as well as how to provide its services to the target audience more easily and quickly. (Kraus et al, 2021, p13).

Digital transformation requirements:

The requirements for digital transformation include (Houhou, 2025, p15):

1. Technology: Digital transformation utilizes a system of hardware, data storage, and software operating within technological environments and data centers. This allows for the efficient and uninterrupted use of all assets. It also necessitates ensuring a suitable level of service for the organization's employees, customers, and suppliers through teams responsible for managing the technological system and network infrastructure.
2. Data: Business organizations are expected to manage and analyze data regularly and effectively to provide reliable and complete high.
3. quality data. This includes providing and creating suitable instruments for data study and statistical analysis in order to foresee the future. To guarantee that data continues to flow and be used in accordance with the organization's objectives and standards, it must be regularly monitored.
4. Human resources: Human resources are essential to the implementation of digital transformation in enterprises. It is crucial to have qualified staff who can use and analyze data to make wise judgments. It need human expertise to plan and carry out visions, scientific knowledge, a belief in change and development.
5. Operations: Business organizations must establish an effective technological infrastructure that allows for improved performance both internally and externally, in order ensuring the optimal implementation of digital transformation. This includes creating a technological infrastructure that includes policies and procedures covering all of the organization's activities and operations, linked to the necessary technologies, developed applications, and processed data.

Meaning of Sustainable Economic Development:

In the development literature, the phrase "sustainable development" (SD) or "sustainable economic development" (SED) is new. At one extreme, sustainable economic development is described as one that satisfies current demands without jeopardizing or compromising those of future generations. The World Commission on Environment and Development (WCED) is one of the leading international organizations promoting environmental and economic sustainability worldwide. Sustainable development is defined by the organization as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs. (Abrol, 2023, p12).

Furthermore, according to Sagay et al. (2011, p. 17), "sustainable development is a process in which the natural resource base (of a nation) is not allowed to deteriorate..." but is instead used efficiently for the benefit of present and future residents. On the other hand, Tounés et al. (2011) see sustainable economic development as a commendable effort by scientists, economists, and environmentalists to develop new models for utilizing the environment and its resources in a way that "guarantees long-term economic, social, and environmental progress."

Challenges and Opportunities:

Achieving sustainable economic development is a challenging endeavor, requiring solutions to issues like social inequality, the delicate balancing act between economic growth and environmental preservation, and longstanding traditional economic models focused on short-term gains. To tackle these obstacles, it is essential to adopt a new perspective that integrates environmental considerations into economic strategies while promoting social justice. But despite these difficulties, there are many of chances for creativity and teamwork. Multi-stakeholder partnerships give pathways for collective action, sustainable finance signals a change in capital allocation, and technological improvements offer new opportunities. We can accelerate the shift to a more sustainable and inclusive future by tackling obstacles and seizing opportunities (Hariram et al, 2023, p16).

Policy Implications:

When considering the future of sustainable economic development, innovation stands out as a key factor promoting inclusive growth and significant change. Although there has been progress in incorporating sustainable concepts, there is still much space for creativity. Leveraging technology and digitalization for resource efficiency and citizen engagement, moving toward a circular economy and sustainable practices, encouraging social innovation and inclusive development, innovating in policy and governance, concentrating on systemic change, constructing sustainable finance systems, empowering communities, encouraging collaboration, and supporting education and capacity building are some important avenues. We may open up new avenues for resilient, inclusive, and sustainable development outcomes by adopting a holistic strategy and concentrating on these directions, turning creative concepts into concrete steps for a successful future (Barrier, 2017, p16).

Applied framework

Research Approach

The current study employed the analytical method, which uses statistical techniques to analyze the questionnaire study's research data in order to accomplish the study's goals.

Data Analysis

Alpha coefficient, frequencies, percentages, mean, standard deviation, relative weight, Pearson correlation coefficient, and regression coefficient will all be used in the study's analysis of the questionnaire data using SPSS25

Study population and sample

The study population consists of Specialists in digital transformation and information technology, officials in the financial and economic sector, and representatives of international institutions supporting economic development in Iraq Additionally, because it was difficult to conduct a thorough inventory of every member of the study community, the study employed the sampling method by choosing a simple random sample and disseminating the link via email, social networking sites, and other communication channels used by the study population. A total of 450 people completed the questionnaire.

Analysis of the study data:

During the period (2014-2023), Iraq witnessed a remarkable development in indicators of digital transformation and financial inclusion, especially in the field of electronic payment channels and digital financial infrastructure. The number of point-of-sale (POS) machines increased from (581) machines in 2014 to (23,066) machines in 2023, with a compound growth rate of (51%), which reflects the significant expansion of the use of electronic payment methods as a result of the support of the Central Bank of Iraq and the growing reliance on digital transactions (Central Bank of Iraq, 2023). The density of these devices has also increased From (2.65) devices per (100) thousand adults to (71) devices during the same period, which indicates the improvement in the accessibility of electronic payment services and their geographical and demographic spread.

Mobile payment services also witnessed rapid development during the period (2017-2023), as e-wallets recorded a significant growth in the number and values of transfers as a result of the spread of smartphones and the development of digital infrastructure. ZainCash has emerged as the most widespread and used service, achieving high growth rates in the number of transactions and the values of transfers, while the Asia Hawala service has shown remarkable growth with greater fluctuations in performance due to regulatory and competitive factors. The Corona pandemic has also contributed to accelerating the shift towards digital payments and reducing dependence on cash, which has boosted the spread of e-wallets and increased their use in various economic activities (CBI, 2023; Al-Dhahawi et al., 2024).

In the same context, ATMs have witnessed continuous growth, as their number increased from (580) machines in 2014 to (4,021) machines in 2023, with a compound growth rate of (24%), and their population density increased from (2.65) to (12.37) machines per (100) thousand adults, reflecting a gradual improvement in the banking infrastructure and the expansion of access to formal financial services. This development comes in light of efforts to promote financial inclusion, despite the continued limited penetration of banking branches compared to in neighboring countries (Central Bank of Iraq, 2017; Kapita, 2026; Trading Economics, 2026).

At the level of financial inclusion, the composite index of financial inclusion recorded a clear upward trend, increasing from (9.2%) in 2014 to (48.58%) in 2023, with a compound growth rate of (20%). This improvement is due to the policies and procedures adopted by the

Central Bank of Iraq to promote financial inclusion, expand the base of bank accounts, increase the localization of salaries, as well as expand the use of digital banking services and electronic payment systems (Central Bank of Iraq, 2021; Central Bank of Iraq, 2023; Arab Monetary Fund, 2017).

Overall, these indicators confirm that Iraq is witnessing gradual progress towards building a more developed digital economy, driven by the modernization of digital financial infrastructure, the expansion of the use of electronic payment methods and digital wallets, and the increased reliance on modern banking services. This has contributed to enhancing financial inclusion and improving the efficiency of the financial system, thereby supporting sustainable economic development efforts and enhancing opportunities for digital transformation in the Iraqi economy (Central Bank of Iraq, 2023; 2018).

Study tool

The research will prepare the questionnaire and its axes and phrases using the study's theoretical framework and earlier research on the topic in order to use the electronic questionnaire form as a tool for the field study. The study tool's questions were answered using a five-degree Likert scale.

Validate the study tool

By computing the correlation coefficients to ascertain the degree of internal homogeneity of the research instrument, the validity of the questionnaire was confirmed:

The Digital Transformation axes:

Table (1) Correlation phrase Digital Transformation

Phrases	Correlation coefficient	P-value
Institutions have robust and effective cybersecurity procedures and systems in place to protect sensitive government data.	0.735**	0.000
Institutions provide electronic portals and applications that enable citizens to complete transactions without the need for manual review.	0.797**	0.000
Digital services in institutions are updated and developed based on feedback and user surveys.	0.818**	0.000
The current digital transformation in institutions reduces the time and effort required to complete transactions compared to traditional methods.	0.784**	0.000
Digital transformation has contributed to eliminating bureaucracy and accelerating the decision-making process within institutions.	0.885**	0.000
Upgraded fiber optic networks contribute to accelerating data flow and improving the quality of internet services in institutions.	0.876**	0.000
Institutions possess a digital infrastructure (data centers, communication networks) capable of accommodating the requirements of modern digital transformation.	0.872**	0.000
Institutions ensure the continuity of digital service provision even during crises or emergency outages. Institutions have a clear and sustainable strategy that aligns with Iraq's national digital transformation roadmap.	0.861**	0.000
The current digital transformation in institutions reduces the time and effort required to complete transactions compared to traditional methods.	0.783**	0.000
Digital transformation has contributed to eliminating bureaucracy and accelerating the decision-making process within institutions.	0.848**	0.000

The statements related to the digital transformation axis were found to be statistically significant, demonstrating a high degree of validity.

The Economic Planning Policies axes:

Table (2) Correlation phrase Economic Planning Policies

Phrases	Correlation coefficient	P-value
Current economic policies are characterized by realism and the ability to address crises.	0.882**	0.000
National development plans in Iraq contribute to the sound allocation of resources towards actual economic priorities.	0.814**	0.000
Economic planning processes rely on accurate and regularly updated data and statistics.	0.882**	0.000
Investment development plans support empowering the private sector to become a genuine partner in the GDP.	0.874**	0.000
Planning policies contribute to creating new and sustainable national income sources for the Iraqi economy.	0.866**	0.000
Economic planning policies succeed in developing non-oil productive sectors.	0.910**	0.000
Investment spending within the general budget is efficiently directed towards improving infrastructure and basic services.	0.933**	0.000

Economic plans contribute to achieving a fair distribution of income among different segments of society.	0.905**	0.000
Effective oversight and institutional mechanisms exist to monitor and evaluate the implementation of economic projects included in the plans.	0.933**	0.000
The process of preparing economic policies is characterized by transparency and the participation of experts, academic institutions, and civil society organizations.	0.906**	0.000

The statements related to the Economic Planning Policies axis were found to be statistically significant, demonstrating a high degree of validity.

The opportunities for sustainable economic development axes:

Table (3) Correlation phrase opportunities for sustainable economic development

Phrases	Correlation coefficient	P-value
Activating the private sector in Iraq effectively contributes to creating sustainable job opportunities.	0.905**	0.000
Current economic and financial legislation provides a fertile environment for the development of small and medium-sized enterprises	0.884**	0.000
Current economic development plans rely sufficiently on foreign direct investment.	0.880**	0.000
Existing energy and electricity networks meet the requirements of investment and development projects.	0.779**	0.000
Reliance on modern technologies and digital transformation contributes to accelerating the pace of economic development in Iraqi institutions.	0.908**	0.000
Iraq possesses the potential to activate the tourism, agriculture, and industry sectors as alternatives to oil.	0.751**	0.000
Iraqi economic institutions integrate environmental protection standards into their strategic plans.	0.700**	0.000
There are real investment opportunities in renewable energy across various Iraqi governorates.	0.794**	0.000
Current banking and financial policies support financial inclusion opportunities for citizens and businesses.	0.784**	0.000
Accurate and transparent data and statistics accurately measure economic development indicators in Iraq.	0.908**	0.000

The statements related to the opportunities for sustainable economic development axis were found to be statistically significant, demonstrating a high degree of validity.

Reliability study tool

Table (4) Reliability questionnaire

Dimension	Alpha Cronbach	Number of Elements
Digital Transformation	0.985**	10
Economic Planning Policies	0.948**	10
opportunities for sustainable economic development	0.971**	10
Total questionnaire	0.949**	30

The study instrument demonstrated high reliability, with Cronbach's alpha value being greater than 0.7

Demographic variables:

Gender: The study sample was split into male participants (74.7%) and female participants (25.3%), indicating that men make up the majority of the sample.

Table (5) sample according to gender

Categories	N	%
Male	336	74.7
female	114	25.3
Total	450	100

Age: 20% of the study sample's participants were under 30, 40% were between 30 and 40, 23.3% were between 40 and 50, and 16.7% were above 50. This indicates that the majority of the study sample's participants are between 30 and 40 years old.

Table (6) sample according to age

Categories	N	%
Less than 30 years old	90	20
From 30 to less than 40 years old	180	40
From 40 to less than 50 years old	105	23.3
50 and over	75	16.7
Total	450	100

Academic qualification: The individuals of the study sample were divided into Bachelor 51.3 %, Master 26.7 %, and PhD 22 % which shows that most of the study sample members are Bachelor

Table (7) sample according to Academic qualification

Categories	N	%
Bachelor	231	51.3
Master	120	26.7
PhD	99	22.0
Total	450	100

Duration of work experience: The study sample's participants were split up into Less than 5 year 22.7 %, From 5 years to less than 10 years 48%, From 10 years to less than 15 years 17.3%, and 15 years and over 12% which shows that most of the study sample members are from 5 years to less than 10 years

Table (8) sample according to Duration of work experience

Categories	N	%
Less than 5 years	102	22.7
From 5 years to less than 10 years	216	48.0
From 10 years to less than 15 years	78	17.3
15 years and over	54	12.0
Total	450	100

The variables of study

The Digital Transformation axes:

Table (9) Phrases of the Digital Transformation axes

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N.	Phrase	Mean	S. D	Degree	Arrangement
1	Institutions have robust and effective cybersecurity procedures and systems in place to protect sensitive government data.	3.37	1.03	Medium	2
2	Institutions provide electronic portals and applications that enable citizens to complete transactions without the need for manual review.	3.30	1.06	Medium	4
3	Digital services in institutions are updated and developed based on feedback and user surveys.	3.34	0.99	Medium	3
4	The current digital transformation in institutions reduces the time and effort required to complete transactions compared to traditional methods.	3.07	1.10	Medium	10
5	Digital transformation has contributed to eliminating bureaucracy and accelerating the decision-making process within institutions.	3.39	1.00	Medium	1
6	Upgraded fiber optic networks contribute to accelerating data flow and improving the quality of internet services in institutions.	3.17	1.03	Medium	8
7	Institutions possess a digital infrastructure (data centers, communication networks) capable of accommodating the requirements of modern digital transformation.	3.28	1.15	Medium	6
8	Institutions ensure the continuity of digital service provision even during crises or emergency outages. Institutions have a clear and sustainable strategy that aligns with Iraq's national digital transformation roadmap.	3.10	1.08	Medium	9
9	The current digital transformation in institutions reduces the time and effort required to complete transactions compared to traditional methods.	3.28	1.02	Medium	5
10	Digital transformation has contributed to eliminating bureaucracy and accelerating the decision-making process within institutions.	3.20	1.04	Medium	7

The Digital Transformation axes' sentences were organized according to their respective importance. The most significant phrase, with a score of 3.39, a standard deviation of 1.00, and a medium degree of agreement, was determined to be "Digital transformation has contributed to eliminating bureaucracy and accelerating the decision-making process within institutions."

With a score of 3.07, a standard deviation of 1.10, and a medium degree of agreement, the statement "The current digital transformation in institutions reduces the time and effort required to complete transactions compared to traditional methods" was the least significant.

All of the expressions on the Digital Transformation axes were determined to be medium when the phrases were examined. This indicates that Iraq is implementing digital transformation at a medium level, with a mean of 3.25 and a S.D. of 1.05. **The Economic Planning Policies axes:**

Table (10) Phrases of the Economic Planning Policies axes

N.	Phrase	Mean	S. D	Degree	Arrangement
1	Current economic policies are characterized by realism and the ability to address crises.	3.20	1.15	Medium	7
2	National development plans in Iraq contribute to the sound allocation of resources towards actual economic priorities.	3.30	1.08	Medium	3
3	Economic planning processes rely on accurate and regularly updated data and statistics.	3.29	1.00	Medium	4

4	Investment development plans support empowering the private sector to become a genuine partner in the GDP.	2.91	1.13	Medium	9
5	Planning policies contribute to creating new and sustainable national income sources for the Iraqi economy.	3.05	1.08	Medium	8
6	Economic planning policies succeed in developing non-oil productive sectors.	3.28	1.08	Medium	5
7	Investment spending within the general budget is efficiently directed towards improving infrastructure and basic services.	3.34	1.06	Medium	1
8	Economic plans contribute to achieving a fair distribution of income among different segments of society.	3.34	1.06	Medium	1
9	Effective oversight and institutional mechanisms exist to monitor and evaluate the implementation of economic projects included in the plans.	3.31	1.14	Medium	2
10	The process of preparing economic policies is characterized by transparency and the participation of experts, academic institutions, and civil society organizations.	3.24	1.13	Medium	6

The phrases of the Economic Planning Policies axes were organized according to the degree of relative relevance. It was discovered that the phrases (Investment spending within the general budget is efficiently directed towards improving infrastructure and basic services and Economic plans contribute to achieving a fair distribution of income among different segments of society.) are The most significant phrase has a medium degree of agreement, a value of 3.34, and a standard deviation of 1.06.

With a score of 2.91, a standard deviation of 1.13, and a medium degree of agreement, the statement "Investment development plans support empowering the private sector to become a genuine partner in the GDP" was the least significant. When studying the phrases of the Economic Planning Policies axes, it was found all-expression in the Economic Planning Policies axes was medium, which shows the medium level of implementation of economic planning policies in Iraq where the mean is 3.23 and the S.D. is 1.09

The opportunities for sustainable economic development axes:

Table (11) Phrases of the opportunities for sustainable economic development axes

N.	Phrase	Mean	S. D	Degree	Arrangement
1	Activating the private sector in Iraq effectively contributes to creating sustainable job opportunities.	3.19	1.13	Medium	6
2	Current economic and financial legislation provides a fertile environment for the development of small and medium-sized enterprises	3.25	1.01	Medium	5
3	Current economic development plans rely sufficiently on foreign direct investment.	3.13	1.13	Medium	7
4	Existing energy and electricity networks meet the requirements of investment and development projects.	3.29	1.04	Medium	4
5	Reliance on modern technologies and digital transformation contributes to accelerating the pace of economic development in Iraqi institutions.	3.39	1.00	Medium	1
6	Iraq possesses the potential to activate the tourism, agriculture, and industry sectors as alternatives to oil.	3.37	1.03	Medium	2
7	Iraqi economic institutions integrate environmental protection standards into their strategic plans.	3.01	1.10	Medium	9

8	There are real investment opportunities in renewable energy across various Iraqi governorates.	3.34	0.99	Medium	3
9	Current banking and financial policies support financial inclusion opportunities for citizens and businesses.	3.07	1.10	Medium	8
10	Accurate and transparent data and statistics accurately measure economic development indicators in Iraq.	3.39	1.00	Medium	1

The phrases of the opportunities for sustainable economic development axes were organized according to the degree of relative relevance. It was discovered that the phrases (Reliance on modern technologies and digital transformation contributes to accelerating the pace of economic development in Iraqi institutions and Accurate and transparent data and statistics accurately measure economic development indicators in Iraq) are The most significant phrase has a medium degree of agreement, a value of 3.39, and a standard deviation of 1.00.

While the phrase (Iraqi economic institutions integrate environmental protection standards into their strategic plans) was the least significant phrase, with a medium degree of agreement, a value of 3.01, and a standard deviation of 1.10.

opportunities for sustainable economic development axes, it was found all-expression in the opportunities for sustainable economic development axes was medium, which shows the medium level of opportunities for sustainable economic development in Iraq where the mean is 3.24 and the S.D. is 1.05

Test Research Hypotheses:

H1: There is a statistically significant impact of implementing digital transformation on reshaping economic planning policies in Iraq

Table (12) Testing the first Hypothesis

B	T	r	F	P-VALUE
1.050	56.836	0.937	3230.351	0.000

Table (12) shows that the simple regression equation was significant at 0.01 and that there is a positive correlation between implementing digital transformation and reshaping economic planning policies in Iraq at 0.01. Additionally, there is a statistically significant impact of implementing digital transformation on reshaping economic planning policies in Iraq at 0.01, indicating the correctness of the first hypothesis. It turned out that the more implementing digital transformation level 1% increased, the more reshaping economic planning policies in Iraq increased by 1.050%. **H2: There is a statistically significant impact of implementing digital transformation on enhancing opportunities for sustainable economic development in Iraq**

Table (13) Testing the second Hypothesis

B	T	r	F	P-VALUE
0.976	84.650	0.970	7165.555	0.000

The simple regression equation in table (13) was significant at 0.01, and there is a positive correlation between implementing digital transformation and improving opportunities for sustainable economic development in Iraq at 0.01. Additionally, there is a statistically significant impact of implementing digital transformation on improving opportunities for sustainable economic development in Iraq at 0.01, indicating the correctness of the first hypothesis. It turned out that the more implementing digital transformation level 1% increased, the more opportunities for sustainable economic development in Iraq increased by 0.976%.

Discussion

1. The medium level of the digital transformation implementation in Iraq where the mean is 3.25 and the S.D. is 1.05
2. The medium level of implementation of economic planning policies in Iraq where the mean is 3.23 and the S.D. is 1.09
3. The medium level of opportunities for sustainable economic development in Iraq where the mean is 3.24 and the S.D. is 1.05
4. The first hypothesis is valid, as there is a statistically significant influence of applying digital transformation on redesigning economic planning strategies in Iraq at 0.01. It showed out that the more digital transformation level 1% is implemented, the reshaping

economic planning policies in Iraq has increased 1.050% and this finding is consistent with the results of a previous study Mohamed, (2026), Gar, (2026), Abdel Ghani, (2022) and Kaggwa, (2023)

5. The first hypothesis is valid, as there is a statistically significant impact of implementing digital transformation on improving chances for sustainable economic development in Iraq at 0.01. It turns out that the more digital transformation level 1% is the enhancing opportunities for sustainable economic development in Iraq has increased 0.976% and this finding is consistent with the results of a previous study Mohamed, (2026), Abdel Ghani, (2022) and Kaggwa, (2023)

Conclusion

1. The medium level of the digital transformation implementation in Iraq, the medium level of implementation of economic planning policies in Iraq and the medium level of opportunities for sustainable economic development in Iraq

2. The positive Correlation between implementing digital transformation and reshaping economic planning policies in Iraq at 0.01 and There is a statistically significant impact of implementing digital transformation on reshaping economic planning policies in Iraq at 0.01

3. The positive Correlation between implementing digital transformation and enhancing opportunities for sustainable economic development in Iraq at 0.01 and There is a statistically significant impact of implementing digital transformation on enhancing opportunities for sustainable economic development in Iraq at 0.01,

Recommendations

1. Work is underway to increase the implementation of digital transformation in institutions to reduce the time and effort required to complete transactions.

2. Attention is being given to enabling private sector participation through investment development plans.

3. Telecommunications and internet networks are being modernized to ensure comprehensive and stable coverage.

4. The transition to e-government is being pursued to reduce bureaucracy and increase transparency in state institutions.

5. Iraqi economic institutions are integrating environmental protection standards into their strategic plans.

6. Implementing national strategies for information and data security, and leveraging artificial intelligence in GDP analysis.

7. Expanding electronic payment platforms and streamlining licensing procedures for technology investments.

8. Reviewing laws and regulations governing digital transactions to ensure competitive neutrality and equal opportunities.

9. Employing artificial intelligence and cloud computing technologies for efficient resource monitoring and management.

10. Activating digital learning environments in universities and educational institutions to enhance human resource readiness.

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