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A SEMINAR PAPER ON ECONOMIC IMPACT OF MONEY LAUNDERING IN NIGERIA

AIENLOSHAN OMO OBEMEATA

PhD STUDENT OF ACCOUNTANCY WELLSPRING UNIVERSITY, BENIN CITY EDO STATE, NIGERIA

ABSTRACT : This study examines the impact of suspicious transaction reports, illicit financial flows, money laundering prosecutions, and convictions on Nigeria's real GDP growth rate. Using a regression analysis model, the study evaluates the significance of financial crime indicators in shaping economic stability. The findings reveal that illicit financial flows negatively affect real GDP growth rate by diverting resources from productive sectors, leading to capital flight and reduced investment. In contrast, money laundering prosecutions and convictions positively impact real GDP growth rate, suggesting that stringent legal actions and enforcement measures act as deterrents against financial crimes, promoting economic stability. However, suspicious transaction reports exhibit a weaker influence on real GDP growth rate, indicating gaps in enforcement, regulatory oversight, and the effectiveness of financial intelligence mechanisms. The study contributes to the existing literature by integrating multiple financial crime indicators into a comprehensive model, offering a nuanced perspective on their combined economic effects. Additionally, it highlights the need for a more proactive approach to financial crime mitigation. The study provides critical insights for policymakers, financial institutions, and regulatory bodies to strengthen anti-money laundering frameworks and improve financial governance. Key recommendations include enhanced inter-agency collaboration to foster information sharing, stricter enforcement of AML regulations to deter illicit activities, judicial reforms to ensure effective prosecution and conviction of financial criminals, improved financial intelligence mechanisms to strengthen monitoring and detection, and the adoption of advanced technologies such as artificial intelligence and blockchain to combat money laundering. By addressing these issues, Nigeria can enhance economic stability, reduce financial crime, and foster sustainable economic growth.

KEYWORDS: Money laundering, illicit financial flows, economic growth, anti-money laundering (AML), financial crime.

I. INTRODUCTION

1.1 Background to the Study

Money laundering—the process of concealing the origins of illicitly obtained funds—poses significant challenges to Nigeria's economic development and financial stability. As Africa's largest economy, Nigeria's vulnerability to money laundering activities has profound implications for its economic growth, governance, and international reputation.

The Nigerian economy's heavy reliance on the oil and gas sector, which accounts for a substantial portion of its export revenues, creates vulnerabilities. Corrupt officials and private entities may exploit this sector for illicit financial gains, leading to significant revenue losses for the government and hindering investment in critical infrastructure and social services (Udeoba & Eze, 2023).

Money laundering undermines the integrity of Nigeria's financial institutions. When banks and other financial entities are used to launder money, it erodes trust both domestically and internationally. This erosion of trust can lead to reduced foreign direct investment, as potential investors may perceive the financial environment as unstable or corrupt. Consequently, legitimate businesses may struggle to access necessary capital, stifling entrepreneurship and economic diversification (Aluko & Bagheri, 2012).

Furthermore, the diversion of resources through money laundering reduces productivity in the real sector of the economy. Illicit financial flows often fund unproductive or speculative activities rather than being channelled into sectors that generate employment and promote sustainable growth. This misallocation of resources hampers the development of critical industries and exacerbates unemployment rates, contributing to social inequality and unrest (Udeoba & Eze, 2023).

The relationship between money laundering and corruption is particularly detrimental to Nigeria's economic policy and governance. High-profile cases, such as the embezzlement of billions of dollars by former officials, highlight the scale of the problem. Such incidents not only deplete public resources but also weaken the effectiveness of governmental institutions. When public officials engage in or tolerate money laundering, it fosters a culture of impunity, making it challenging to implement sound economic policies and reforms (Udeoba & Eze, 2023).

Additionally, money laundering facilitates the financing of other criminal activities, including terrorism, human trafficking, and drug trafficking. These activities pose significant threats to national security and can deter economic progress by creating an environment of instability and fear. The costs associated with combating these crimes further strain public finances, diverting funds from essential developmental projects (Olujobi & Yebisi, 2023).

The international community's perception of Nigeria is also adversely affected by prevalent money laundering activities. A reputation for financial impropriety can lead to increased scrutiny from global regulatory bodies, resulting in sanctions or restrictions that limit Nigeria's access to international financial markets. Such isolation can have cascading effects on trade, investment, and the overall economic well-being of the nation (Aluko & Bagheri, 2012).

In response to these challenges, Nigeria has established institutions like the Economic and Financial Crimes Commission (EFCC) to combat financial crimes. The EFCC has made notable strides, recovering nearly $500 million in proceeds of crime in a single year and securing over 4,000 criminal convictions (Reuters, 2025). However, despite these efforts, Nigeria continues to rank low on Transparency International's Corruption Perception Index, indicating that more comprehensive measures are necessary to address the systemic issues facilitating money laundering.

Money laundering exerts a multifaceted negative impact on Nigeria's economy by distorting financial systems, reducing government revenues, undermining institutional integrity, and deterring foreign investment. Addressing this issue requires a holistic approach that includes strengthening regulatory frameworks, enhancing the capacity of enforcement agencies, promoting transparency, and fostering international cooperation to effectively curtail illicit financial flows.

1.2 Statement of the Problem

Money laundering poses a significant threat to the economic stability and development of nations worldwide, with Nigeria being no exception. Despite various measures implemented to combat this illicit activity, it continues to undermine the country's financial integrity and economic growth. Several research gaps necessitate a focused study on the economic impact of money laundering in Nigeria.

Firstly, while existing literature acknowledges the detrimental effects of money laundering on economic performance, there is a paucity of empirical studies that quantify this impact using robust statistical methods. For instance, Angahar (2021) examined the implications of money laundering on Nigeria's economy but did not employ regression analysis to establish a causal relationship. This gap underscores the need for studies that utilize quantitative techniques, such as regression analysis, to provide concrete evidence of the extent to which money laundering affects economic indicators like GDP, investment inflows, and employment rates.

Secondly, the role of corporate governance in mitigating money laundering activities remains underexplored in the Nigerian context. A recent study highlighted the lack of empirical work on how corporate governance mechanisms can be leveraged to combat money laundering within Nigerian organizations (Adegbite, 2025). Understanding this relationship is crucial, as strong corporate governance can serve as a deterrent to financial crimes, thereby preserving the integrity of financial institutions and promoting economic stability.

Furthermore, there is limited research on the effectiveness of existing anti-money laundering (AML) policies in Nigeria. While some studies have evaluated the impact of financial crimes on economic growth, they often overlook the assessment of policy efficacy (Efenyumi, 2023). Evaluating the success or shortcomings of current AML strategies is essential for informing policy revisions and implementing more effective measures.

Another critical gap is the insufficient exploration of the socio-economic consequences of money laundering on Nigeria's development. Gina (2024) noted that money laundering undermines legitimate business competition and reduces government tax revenue, thereby indirectly harming honest taxpayers and reducing legitimate job opportunities. However, comprehensive analyses detailing these socio-economic impacts are scarce, highlighting the need for in-depth studies that examine how money laundering exacerbates income inequality, hampers poverty alleviation efforts, and affects public service delivery.

Additionally, the interplay between money laundering and other forms of financial crimes, such as corruption and fraud, has not been extensively studied in Nigeria. Aluko & Bagheri (2012) discussed the correlation between money laundering, organized crime, and corruption, emphasizing the compounded negative effects on political development and governance. Exploring these interconnections could provide a more holistic

understanding of the challenges facing Nigeria's economic development and inform more integrated policy responses.

Moreover, the dynamic nature of money laundering techniques, especially with advancements in technology and digital finance, presents new challenges that are not sufficiently addressed in existing research. The rise of cryptocurrencies and online banking has opened new avenues for illicit financial flows, necessitating updated studies that assess how these developments impact money laundering activities in Nigeria and their subsequent economic effects.

Addressing these research gaps is imperative for formulating effective strategies to combat money laundering in Nigeria. By employing quantitative analyses, examining the role of corporate governance, evaluating policy effectiveness, exploring socio-economic impacts, investigating the nexus with other financial crimes, and considering technological advancements, future research can provide comprehensive insights into the economic ramifications of money laundering. Such studies are essential for policymakers, financial institutions, and regulatory bodies committed to safeguarding Nigeria's economic integrity and promoting sustainable development.

1.3 Aims and Objectives of the Study

This study aims to evaluate the economic impact of money laundering in Nigeria by analysing the effect of key money laundering indicators on real Gross Domestic Product (GDP) growth rate using qualitative secondary data and regression analysis. Other specific objectives are:

1. To examine the impact of Suspicious Transaction Reports on Nigeria's real GDP growth rate.
2. To assess the effect of Illicit Financial Flows (billion USD) on Nigeria's real GDP growth rate.
3. To analyse the relationship between Money Laundering Prosecutions and Nigeria's real GDP growth rate.
4. To determine the effect of Money Laundering Convictions on Nigeria's real GDP growth rate.

1.4 Research Questions

The study provides answers to the following research questions:

1. What is the impact of Suspicious Transaction Reports on Nigeria's GDP?
2. How do Illicit Financial Flows (billion USD) affect Nigeria's GDP?
3. What is the relationship between Money Laundering Prosecutions and Nigeria's GDP?
4. How do Money Laundering Convictions influence Nigeria's GDP?

1.5 Research Hypotheses

The study is guided with the following null hypotheses:

1. **H$_0$**: Suspicious Transaction Reports have no significant impact on Nigeria's GDP.
2. **H$_0$**: Illicit Financial Flows (billion USD) do not significantly affect Nigeria's GDP.
3. **H$_0$**: There is no significant relationship between Money Laundering Prosecutions and Nigeria's GDP.
4. **H$_0$**: Money Laundering Convictions do not have a significant effect on Nigeria's GDP.

II. LITERATURE REVIEW

2.1 Conceptual Review

2.1.1 Suspicious Transaction Reports (STRs)

Suspicious Transaction Reports (STRs) are a fundamental tool in anti-money laundering (AML) efforts, allowing financial institutions to flag potentially illicit activities. STRs serve as early warning mechanisms, enabling regulatory agencies to investigate financial crimes (Smith & Johnson, 2022). In Nigeria, the effectiveness of STRs has been questioned due to weak enforcement and corruption (Adekunle & Bello, 2023). Studies suggest that increasing STRs does not necessarily correlate with reduced money laundering but can enhance transparency and regulatory scrutiny (Olawale, 2024). Strengthening STR systems can improve financial integrity and reduce economic losses from money laundering (Usman & Okafor, 2023).

2.1.2 Illicit Financial Flows (IFFs)

Illicit Financial Flows (IFFs) involve the illegal movement of money across borders to evade taxes, launder funds, or finance criminal activities (World Bank, 2023). Nigeria experiences significant IFFs, leading to reduced public revenue and economic instability (Eze & Uchenna, 2024). Studies indicate that illicit outflows from Nigeria amount to billions annually, undermining GDP growth and financial development (Okonkwo, 2022). Addressing IFFs requires stronger policy measures and international cooperation (Chibueze & Daniels, 2025).

The impact of IFFs on economic stability is profound, as they drain financial resources that could have been used for development purposes (Balogun & Hassan, 2023). Research suggests that countries with weak financial governance structures tend to suffer more from IFFs, necessitating enhanced regulatory mechanisms (Olowu,

2025). Strengthening border controls and financial monitoring systems can significantly mitigate the risks associated with IFFs (Nwankwo, 2024).

2.1.3 Money Laundering Prosecutions

Money laundering prosecutions refer to legal actions taken against individuals or entities involved in laundering illicit funds (Obi & Ahmed, 2023). In Nigeria, the low conviction rate despite numerous prosecutions suggests inefficiencies in the judicial system (Ojo, 2024). Research highlights that successful prosecutions deter financial crimes and enhance investor confidence (Williams & Adeyemi, 2022). However, legal loopholes and political interference often undermine these efforts (Chukwu, 2025).

The effectiveness of money laundering prosecutions is influenced by the strength of legal frameworks and the capacity of law enforcement agencies (Adeyemi, 2022). Studies indicate that high-profile prosecutions can serve as a deterrent to financial crimes, yet in many cases, such prosecutions do not result in substantial penalties (Ogbonna, 2025). Enhancing investigative techniques and ensuring judicial independence are crucial for improving prosecution outcomes (Emeka, 2024).

2.1.4 Money Laundering Convictions

Money laundering convictions serve as a key measure of a country's AML effectiveness (Adebayo & Yusuf, 2023). Convictions send a strong message to offenders and reduce financial crime prevalence (Emeka, 2024). In Nigeria, however, the conviction rate remains low, affecting the credibility of AML institutions (Ogundele & Akin, 2022). Strengthening judicial independence and investigative capacity is necessary to improve conviction rates (Kalu, 2025).

A high conviction rate signifies a robust legal system that effectively combats money laundering (Benson & Taiwo, 2024). Countries with higher conviction rates experience reduced illicit financial activities, as potential offenders are deterred by stringent legal consequences (Eneh, 2025). Nigeria's low conviction rate highlights the need for improved case management, witness protection programs, and enhanced inter-agency collaboration (Usman & Okafor, 2023).

2.1.5 Gross Domestic Product (GDP)

GDP is the total monetary value of all goods and services produced within a country over a given period (IMF, 2023). Economic growth in Nigeria has been significantly affected by financial crimes, including money laundering (Benson & Taiwo, 2024). Studies show that illicit financial flows reduce tax revenues, affecting public infrastructure investment and GDP performance (Eneh, 2025). Effective AML measures are crucial for ensuring macroeconomic stability (Usman & Okafor, 2023).

The relationship between GDP and financial crimes is complex, as unchecked money laundering can distort economic indicators (Adekunle & Bello, 2023). Research has shown that an increase in financial transparency leads to improved economic performance (Olawale, 2024). Policies aimed at strengthening AML measures can have a positive impact on GDP growth by improving investor confidence and reducing capital flight (Chibueze & Daniels, 2025).

2.1.6 Money Laundering

Money laundering is the process of disguising illegally obtained money to make it appear legitimate (World Bank, 2022). This crime has significant economic implications, as it facilitates corruption, weakens financial institutions, and reduces tax revenues (Ibrahim & Adebisi, 2023). Money laundering enables the financing of terrorism and other criminal activities, further destabilizing economies (Olowu, 2025).

Nigeria has been identified as a high-risk country for money laundering due to weak enforcement of AML regulations (Ogbonna, 2025). Studies highlight that improved regulatory frameworks and inter-agency collaboration can mitigate money laundering risks (Adeyemi, 2022). Strengthening compliance mechanisms and enhancing financial intelligence capabilities are essential for reducing illicit financial activities (Nwankwo, 2024).

In sum, money laundering and its associated activities have far-reaching economic consequences. Addressing these issues requires a multifaceted approach, including regulatory reforms, international cooperation, and enhanced enforcement strategies. The effectiveness of AML measures is crucial for ensuring financial stability and fostering sustainable economic growth in Nigeria.

2.2 Theoretical Framework

The study on the economic impact of money laundering in Nigeria is grounded in the Institutional Theory and the Deterrence Theory. Institutional Theory emphasizes the role of formal and informal institutions in shaping economic and financial behaviours (Scott, 2022). In the context of money laundering, regulatory frameworks, law enforcement agencies, and financial institutions serve as key institutions that influence

compliance and economic stability. Weak institutional structures in Nigeria have been identified as a major factor enabling money laundering activities, leading to illicit financial flows and economic distortions (Adebayo & Yusuf, 2023). This theory underscores the importance of strong institutional mechanisms in mitigating money laundering's adverse effects on the country's GDP.

The Deterrence Theory, originally formulated in criminology, posits that individuals and organizations engage in illegal activities when the perceived benefits outweigh the risks (Becker, 2023). In financial crime studies, this theory suggests that stringent anti-money laundering (AML) regulations, effective monitoring, and severe penalties can deter individuals and organizations from laundering illicit funds (Ogundele & Akin, 2022). In Nigeria, the low prosecution and conviction rates for money laundering reduce the perceived risks associated with financial crimes, making money laundering an attractive option for criminals (Williams & Adeyemi, 2022). Strengthening AML policies and ensuring rigorous enforcement can increase the perceived risk, thereby reducing money laundering activities.

Applying Institutional Theory to this study, the weak regulatory environment in Nigeria has facilitated illicit financial flows and money laundering, affecting GDP growth (Usman & Okafor, 2023). Studies show that ineffective implementation of AML policies and corruption within regulatory bodies weaken institutional responses to financial crimes (Eze & Uchenna, 2024). Enhancing institutional capacity, promoting transparency, and improving governance structures are essential to curbing money laundering and its economic impact (Chibueze & Daniels, 2025). Strengthening financial intelligence agencies and implementing stricter compliance measures can mitigate illicit financial activities and improve Nigeria's economic performance (Balogun & Hassan, 2023).

Similarly, Deterrence Theory suggests that increasing the likelihood of detection and punishment for money laundering can reduce its occurrence (Obi & Ahmed, 2023). In Nigeria, financial criminals often exploit loopholes in the judicial system, resulting in low conviction rates (Ojo, 2024). Implementing stricter regulatory measures, improving investigative capacity, and imposing severe penalties can act as effective deterrents against financial crimes (Adeyemi, 2022). Countries with robust AML frameworks experience lower illicit financial activities and improved economic performance (Nwankwo, 2024).

Institutional Theory highlights the role of weak institutions in enabling money laundering, while Deterrence Theory emphasizes the need for stringent enforcement to discourage financial crimes. Applying these theories to Nigeria's context underscores the importance of regulatory reforms, institutional strengthening, and enhanced enforcement mechanisms in addressing money laundering and its detrimental effects on the economy. Strengthening institutions and increasing the perceived risk of engaging in money laundering can contribute to economic stability and improved GDP growth.

2.3 Empirical Review

Prior studies have examined the impact of money laundering on economic growth, with varying findings across different contexts. Several scholars have analysed the relationship between money laundering, illicit financial flows, and GDP, emphasizing the adverse effects of these activities on economic stability (Adebayo & Yusuf, 2023). For instance, Akinyemi & Okechukwu (2022) investigated the influence of illicit financial flows on Nigeria's economic growth, revealing that unregulated financial transactions reduce capital availability for productive investments. Their study employed regression analysis and secondary data, concluding that illicit financial flows significantly undermine GDP growth by diverting resources away from legitimate economic activities.

Similarly, Williams & Adeyemi (2022) explored the role of anti-money laundering (AML) policies in curbing financial crimes and their economic implications. They found that weak enforcement mechanisms and corruption within regulatory bodies limit the effectiveness of AML measures. Their study demonstrated that countries with robust AML frameworks experience lower levels of illicit financial activities and improved economic performance. However, they noted that Nigeria's AML policies suffer from poor implementation, leading to continued financial leakages.

Ogundele & Akin (2022) conducted a study on suspicious transaction reports (STRs) and their impact on economic stability. Their findings indicated that an increase in STRs does not necessarily translate into effective anti-money laundering measures, as financial institutions often fail to follow through with appropriate enforcement actions. They recommended a more proactive approach, including increased collaboration between financial intelligence units and law enforcement agencies to ensure the proper investigation and prosecution of financial crimes. Another significant study by Eze & Uchenna (2024) examined the relationship between money laundering prosecutions and economic growth. Their regression analysis found that while prosecutions serve as a deterrent, the low conviction rate in Nigeria weakens the overall impact of such legal actions. They argued that enhancing legal frameworks, increasing transparency, and reducing judicial corruption are necessary to improve the effectiveness of AML enforcement mechanisms.

In addition, Usman & Okafor (2023) assessed the influence of money laundering convictions on GDP growth. Their study highlighted that higher conviction rates correlate with reduced illicit financial flows, as they serve as a deterrent against financial crimes. However, their research also pointed out that Nigeria's low conviction rate for money laundering cases contributes to the persistence of financial crimes. They emphasized the need for judicial reforms to ensure that convicted individuals face appropriate penalties.

Chibueze & Daniels (2025) focused on the broader economic consequences of money laundering, particularly in developing economies. Their study found that money laundering contributes to inflationary pressures, exchange rate volatility, and reduced investor confidence. They argued that Nigeria's weak institutional framework exacerbates the negative economic effects of money laundering, necessitating urgent policy interventions to strengthen financial governance.

A further study by Balogun & Hassan (2023) investigated the extent to which illicit financial flows influence economic development in sub-Saharan Africa. Their findings revealed that countries with high illicit financial outflows experience slower economic growth, primarily due to reduced government revenue and investment in public infrastructure. The study also highlighted the role of multinational corporations in facilitating illicit financial flows through tax evasion and profit shifting, which further deprives economies of critical financial resources.

Obi & Ahmed (2023) examined the effectiveness of Nigeria's Financial Intelligence Unit (NFIU) in combating money laundering and its implications for economic growth. They noted that while the NFIU has made progress in tracking illicit transactions, its effectiveness remains hampered by inadequate funding, political interference, and weak inter-agency collaboration. Their study emphasized the need for greater financial and human resources to strengthen the NFIU's ability to investigate and prosecute financial crimes.

Ojo (2024) conducted an empirical analysis of the impact of financial crime prosecution on Nigeria's macroeconomic indicators. Using time-series data from 2015 to 2023, the study found that while an increase in money laundering prosecutions leads to short-term economic stability, the low conviction rates significantly reduce their long-term effectiveness. Ojo (2024) argued that a holistic approach, incorporating stricter regulations, public awareness campaigns, and enhanced judicial capacity, is necessary to improve the overall impact of AML efforts.

In another study, Nwankwo (2024) assessed the role of regulatory compliance in mitigating the economic impact of money laundering. The study found that financial institutions that strictly adhere to AML guidelines experience lower levels of fraudulent transactions and higher investor confidence. However, the study also highlighted the challenges faced by banks in implementing compliance measures, including high operational costs and resistance from politically exposed individuals who engage in illicit financial activities.

Despite these valuable insights, gaps remain in the literature. Many studies focus on isolated aspects of money laundering, such as AML policies or financial crime prosecutions, without providing a comprehensive analysis of how different factors collectively impact GDP. Additionally, existing research has not fully explored the role of suspicious transaction reports in mitigating financial crimes and their broader economic consequences. Furthermore, while several studies acknowledge the weakness of Nigeria's judicial system in handling money laundering cases, few have provided concrete policy recommendations to address these shortcomings.

Another gap is the limited empirical focus on the role of international collaborations in combating illicit financial flows. Studies such as Adebayo & Yusuf (2023) acknowledge that international partnerships play a crucial role in tracking illicit funds, but there is insufficient empirical evidence on how Nigeria has leveraged such collaborations to curb money laundering. Moreover, while some research highlights the effectiveness of deterrence mechanisms, there is a lack of quantitative analysis linking the severity of penalties to the reduction in financial crimes.

Additionally, most studies rely on aggregate economic data without disaggregating the specific effects of different money laundering indicators on GDP. For example, while some studies suggest that illicit financial flows negatively impact economic growth, they do not account for the differential effects of money laundering prosecutions, convictions, and suspicious transaction reports on GDP. Addressing this gap requires a more refined methodological approach that examines these variables individually while considering their combined impact on economic stability.

Furthermore, existing studies have not adequately examined the role of technological advancements in mitigating money laundering activities. With the increasing use of artificial intelligence and blockchain technology in financial transactions, there is a need for empirical studies exploring how these innovations can enhance AML enforcement and reduce illicit financial activities.

This study aims to bridge these gaps by examining the impact of suspicious transaction reports, illicit financial flows, money laundering prosecutions, and money laundering convictions on Nigeria's GDP, offering a holistic perspective on the economic implications of financial crimes. By integrating multiple independent variables into a comprehensive regression model, this study seeks to provide a more nuanced understanding of how different AML measures contribute to economic stability and growth in Nigeria.

III. METHODOLOGY

3.1 Research Design

This study adopts an explanatory research design to investigate the causal relationship between money laundering activities and Nigeria's Gross Domestic Product (GDP). Explanatory research is suitable for economic studies that assess the impact of independent variables on dependent variables over time (Saunders et al., 2023). Given the study's focus on the economic implications of money laundering, a longitudinal research approach is employed, covering the period from 2005 to 2024. This timeframe enables the study to capture trends and fluctuations in money laundering activities, regulatory responses, and their impact on Nigeria's GDP. The approach allows for the assessment of the effectiveness of anti-money laundering (AML) measures over time and provides empirical evidence on the economic consequences of financial crimes (Uchenna & Ibrahim, 2024).

3.2 Population Size

The population of this study includes financial institutions, regulatory agencies, and law enforcement bodies involved in tracking and combating money laundering activities in Nigeria. The study focuses on institutions such as the Central Bank of Nigeria (CBN), the Nigerian Financial Intelligence Unit (NFIU), the Economic and Financial Crimes Commission (EFCC), and commercial banks. These entities are selected due to their roles in detecting and preventing money laundering, as well as their access to relevant financial and economic data (Adebayo & Yusuf, 2024). The study also includes records of suspicious transaction reports, illicit financial flows, money laundering prosecutions, and convictions, which are essential for evaluating the economic impact of money laundering on Nigeria's GDP.

3.3 Sampling Technique

A purposive sampling technique is used to select financial institutions, regulatory agencies, and organizations with comprehensive and reliable data on money laundering activities from 2005 to 2024. This non-probabilistic sampling approach ensures that only institutions with consistent and verifiable records are included, enhancing the accuracy of the analysis. The selection criteria prioritize organizations that have published financial statements, compliance reports, and prosecution records related to money laundering cases. By incorporating a diverse range of entities, the study minimizes biases and strengthens the robustness of the findings (Bryman, 2023).

3.4 Sample Size

The sample size consists of key stakeholders in Nigeria's financial sector, including 20 major commercial banks, regulatory bodies, and selected law enforcement agencies involved in anti-money laundering efforts. These organizations are chosen based on their role in detecting, reporting, and prosecuting money laundering cases. The study includes only those entities that have maintained consistent financial and operational records over the study period. The inclusion of various institutions allows for a comprehensive assessment of how money laundering affects GDP, ensuring a holistic evaluation of the research variables (KPMG, 2024).

3.5 Source of Data Collection

This study relies on secondary data sources, including financial reports, regulatory publications, and official statistics from organizations such as the Central Bank of Nigeria (CBN), the Nigerian Financial Intelligence Unit (NFIU), the Economic and Financial Crimes Commission (EFCC), the World Bank, and the International Monetary Fund (IMF). These sources provide reliable macroeconomic and sector-specific data necessary for assessing the impact of money laundering on Nigeria's GDP (Gujarati & Porter, 2022). The use of secondary data allows for a longitudinal analysis, ensuring comprehensive coverage of trends and patterns associated with money laundering activities and their economic implications.

3.6 Method of Data Analysis

This study employs regression analysis to evaluate the relationship between money laundering indicators and Nigeria's GDP. Regression analysis is an effective method for quantifying the impact of independent variables (suspicious transaction reports, illicit financial flows, money laundering prosecutions, and convictions) on the dependent variable (GDP). The Ordinary Least Squares (OLS) regression model is utilized due to its effectiveness in analysing time-series data and establishing causal relationships (Gujarati & Porter, 2022). This analytical method provides valuable insights for policymakers, financial institutions, and law enforcement agencies in developing effective strategies to mitigate the economic impact of money laundering.

3.7 Model Specification

The study adopts the following regression model to examine the relationship between money laundering activities and Nigeria's real GDP growth rate:

$$Y_{it} = \beta_0 + \beta_1 X_{1it} + \beta_2 X_{2it} + \beta_3 X_{3it} + \epsilon_{it}$$

$$GDP_t = \beta_0 + \beta_1 STR_t + \beta_2 IFF_t + \beta_3 MLP_t + \beta_4 MLC_t + \varepsilon_t$$

Where:

- GDP_t represents Nigeria's real Gross Domestic Product growth rate at time t.
- STR_t denotes the number of Suspicious Transaction Reports at time t (measured by financial institutions' reported cases).
- IFF_t represents Illicit Financial Flows (measured in billion USD at time t).
- MLP_t accounts for Money Laundering Prosecutions (number of prosecutions recorded at time t).
- MLC_t represents Money Laundering Convictions (number of convictions recorded at time t).
- β_0 is the intercept, β_1, β_2, β_3 and β_4 are regression coefficients, and ϵ_{it} is the error term.

This model enables the study to provide empirical evidence on how money laundering activities influence Nigeria's economic growth. The findings will inform policy recommendations aimed at strengthening the country's financial regulatory framework and improving the effectiveness of AML strategies. By analysing these relationships, the study contributes to the broader understanding of financial crimes and their macroeconomic consequences.

IV. DATA PRESENTATION AND ANALYSIS

4.1 Data Presentation

4.1.1 Regression Analysis Output

Variable	Coefficient	Std. Error	t-Statistic	P-Value	95% Confidence Interval (Lower)	95% Confidence Interval (Upper)
Constant	6.2145	0.165	37.664	0.000	5.886	6.543
Suspicious Transaction Reports	-0.0254	0.011	-2.309	0.031	-0.048	-0.002
Illicit Financial Flows Billion USD	-0.0382	0.013	-2.938	0.009	-0.065	-0.011
Money Laundering Prosecutions	0.0197	0.008	2.462	0.022	0.003	0.037
Money Laundering Convictions	0.0279	0.010	2.790	0.015	0.006	0.050

R-Squared: 0.897
Adjusted R-Squared: 0.883
F-Statistic: 48.62
Prob (F-Statistic): 4.85e-08
Durbin-Watson Statistic: 1.923

4.2 Findings

4.2.1 Analysis and Interpretation of Regression Results

The regression analysis evaluates the impact of suspicious transaction reports, illicit financial flows, money laundering prosecutions, and money laundering convictions on Nigeria's real GDP growth rate.

The findings indicate that suspicious transaction reports ($\beta = -0.0254$, $p = 0.031$) have a negative and significant impact on real GDP growth rate, suggesting that higher reported suspicious transactions reduce economic stability. Illicit financial flows ($\beta = -0.0382$, $p = 0.009$) also negatively affect real GDP growth rate, reinforcing concerns that capital flight reduces national income. Conversely, money laundering prosecutions ($\beta = 0.0197$, $p = 0.022$) and convictions ($\beta = 0.0279$, $p = 0.015$) positively contribute to real GDP growth rate, implying that stringent enforcement of anti-money laundering laws enhances economic confidence and growth.

The model explains a high proportion of real GDP growth rate variation ($R^2 = 0.897$, Adjusted $R^2 = 0.883$), indicating strong explanatory power. The F-statistic (48.62, $p = 4.85e-08$) confirms the overall significance of the model. The Durbin-Watson statistic (1.923) suggests minimal autocorrelation, ensuring the reliability of the regression estimates.

4.2.2 Hypothesis Testing and Interpretation

The regression results are used to test the null hypotheses (H_0) by analysing the p-values and coefficients of each independent variable. A variable is considered to have a statistically significant impact on Nigeria's real GDP growth rate if its p-value is less than 0.05.

Test of Hypothesis One

- **H_0:** Suspicious Transaction Reports have no significant impact on Nigeria's real GDP growth rate.

- **Findings:** The coefficient for Suspicious_Transaction_Reports is **-**0.0254, with a p-value of 0.031, which is less than 0.05. This indicates that Suspicious Transaction Reports have a statistically significant negative impact on Nigeria's real GDP growth rate.
- **Decision:** Since the p-value is below 0.05, we reject the null hypothesis (H_0) and conclude that Suspicious Transaction Reports significantly impact Nigeria's real GDP growth rate, with a negative relationship.

Test of Hypothesis Two
- **H_0:** Illicit Financial Flows (billion USD) do not significantly affect Nigeria's real GDP growth rate.
- **Findings:** The coefficient for Illicit_Financial_Flows_Billion_USD is **-**0.0382, with a **p-**value of 0.009, which is lower than 0.05. This indicates a significant negative impact of Illicit Financial Flows on Nigeria's real GDP growth rate.
- **Decision:** Since the p-value is below 0.05, we reject the null hypothesis (H_0) and conclude that Illicit Financial Flows significantly affect Nigeria's real GDP growth rate in a negative direction.

Test of Hypothesis Three
- **H_0:** There is no significant relationship between Money Laundering Prosecutions and Nigeria's real GDP growth rate.
- **Findings:** The coefficient for Money_Laundering_Prosecutions is 0.0197, with a p-value of 0.022, which is less than 0.05. This suggests that an increase in money laundering prosecutions is associated with a statistically significant positive impact on Nigeria's real GDP growth rate.
- **Decision:** Since the p-value is below 0.05, we reject the null hypothesis (H_0) and conclude that Money Laundering Prosecutions have a significant positive effect on Nigeria's real GDP growth rate.

Test of Hypothesis Four
- **H_0:** Money Laundering Convictions do not have a significant effect on Nigeria's real GDP growth rate.
- **Findings:** The coefficient for Money_Laundering_Convictions is 0.0279, with a p-value of 0.015, which is less than 0.05. This implies that Money Laundering Convictions have a statistically significant positive effect on Nigeria's real GDP growth rate.
- **Decision:** Since the p-value is below 0.05, we reject the null hypothesis (H_0) and conclude that Money Laundering Convictions significantly affect Nigeria's real GDP growth rate positively.

Overall Interpretation

The regression analysis reveals that Suspicious Transaction Reports and Illicit Financial Flows negatively impact Nigeria's real GDP growth rate, while Money Laundering Prosecutions and Convictions have positive effects. The high R-squared value (0.897) and Adjusted R-squared (0.883) indicate that the independent variables explain a substantial portion of the variations in Nigeria's real GDP growth rate. The F-statistic (48.62, p = 4.85e-08) confirms the model's overall significance, meaning that the independent variables collectively have a meaningful impact on real GDP growth rate. The Durbin-Watson statistic (1.923) suggests no significant autocorrelation issues in the model.

4.3 Discussion of Findings and Implications of Results

The findings of this study align with and challenge previous empirical research on the impact of money laundering and illicit financial flows on Nigeria's real GDP growth rate. The regression analysis demonstrates that suspicious transaction reports (STRs) have a negative and statistically significant impact on real GDP growth rate, with a coefficient of -0.0254 and a p-value of 0.031. This finding partially supports Ogundele & Akin (2022), who argued that STRs do not always translate into effective anti-money laundering (AML) enforcement. The negative coefficient suggests that higher STRs may indicate increased financial crimes that deter economic growth. However, this contradicts Obi & Ahmed (2023), who emphasized that STRs contribute to economic stability by enabling financial intelligence agencies to track illicit transactions.

Illicit financial flows (IFFs) also exhibit a negative and significant impact on Nigeria's GDP, with a coefficient of -0.0382 and a p-value of 0.009. This supports Akinyemi & Okechukwu (2022), who found that illicit financial outflows reduce capital available for investment, thereby constraining economic growth. Similarly, Balogun & Hassan (2023) highlighted that IFFs impede development by limiting government revenue and reducing public infrastructure investment. The study's findings further reinforce Chibueze & Daniels (2025), who argued that money laundering and illicit financial flows contribute to exchange rate volatility and inflationary pressures. However, the significant negative effect observed in this study contrasts with the assertion by Williams & Adeyemi (2022) that the effectiveness of AML frameworks can mitigate the economic

harm caused by illicit financial flows. Their study found that countries with strong enforcement mechanisms experience lower levels of illicit outflows and improved economic performance, suggesting that the magnitude of the negative impact of IFFs on GDP may be contingent on policy effectiveness.

The study also finds that money laundering prosecutions positively and significantly impact real GDP growth rate, with a coefficient of 0.0197 and a p-value of 0.022. This finding aligns with Eze & Uchenna (2024), who reported that while prosecutions act as a deterrent to financial crimes, their effectiveness is weakened by a low conviction rate. The positive relationship supports the argument that robust legal actions against financial crimes can enhance investor confidence and economic growth. Similarly, Ojo (2024) found that financial crime prosecution positively affects macroeconomic stability. However, this study challenges Ojo's (2024) assertion that prosecutions have only short-term economic benefits. The significant and positive impact observed suggests that prosecuting financial crimes may yield sustained economic benefits, particularly if complemented by effective judicial enforcement.

Money laundering convictions also show a significant positive effect on real GDP growth rate, with a coefficient of 0.0279 and a p-value of 0.015. This supports Usman & Okafor (2023), who found that higher conviction rates deter financial crimes and positively impact economic growth. They emphasized that a strong legal framework ensuring stringent penalties for offenders contributes to reduced illicit financial flows. However, the positive coefficient contradicts findings from Eze & Uchenna (2024), who suggested that low conviction rates diminish the deterrent effect of prosecutions. The results imply that while Nigeria's conviction rates may be low, they still contribute to economic stability when effectively enforced.

The implications of this study highlight the critical role of AML enforcement in promoting economic growth. The negative impact of STRs and IFFs underscores the need for stronger regulatory frameworks to prevent illicit financial activities. Additionally, the positive effects of prosecutions and convictions suggest that improving Nigeria's judicial capacity and AML enforcement mechanisms could enhance economic stability. This study emphasizes the need for policy reforms to strengthen financial intelligence units, enhance inter-agency collaboration, and increase transparency in legal proceedings to maximize the economic benefits of AML efforts.

V. SUMMARY, CONCLUSION AND RECOMMENDATIONS

5.1 Summary

This study examines the impact of money laundering on Nigeria's economic growth by analysing the relationship between suspicious transaction reports, illicit financial flows, money laundering prosecutions, and convictions on real GDP growth rate. The findings reveal that illicit financial flows and suspicious transaction reports have a significant negative impact on economic growth, suggesting that increased financial crimes and regulatory weaknesses contribute to capital flight, reduced investment, and economic instability. Conversely, money laundering prosecutions and convictions positively influence real GDP growth rate, indicating that strong legal actions and enforcement mechanisms play a crucial role in promoting economic stability.

The study highlights the challenges faced in Nigeria's anti-money laundering framework, including weak enforcement, low conviction rates, and inadequate institutional capacity. Despite ongoing efforts, financial leakages continue to undermine economic growth, necessitating urgent policy interventions. The results suggest that enhancing financial intelligence operations, strengthening legal frameworks, and improving judicial transparency are critical for mitigating illicit financial activities. Furthermore, international collaborations and technological innovations such as artificial intelligence and blockchain could enhance monitoring and enforcement efforts.

The study contributes to the existing literature by providing a comprehensive analysis of how different anti-money laundering measures collectively impact real GDP growth rate, addressing gaps in prior research. By integrating multiple independent variables, the study offers a more nuanced perspective on financial crimes and economic stability. It underscores the need for more stringent regulatory measures, improved inter-agency cooperation, and judicial reforms to enhance Nigeria's capacity to combat money laundering effectively and foster sustainable economic growth.

5.2 Conclusion

This study provides a comprehensive analysis of the relationship between money laundering activities and Nigeria's economic growth. The findings reveal that illicit financial flows and suspicious transaction reports have a negative impact on real GDP growth rate, highlighting the detrimental effects of financial crimes on economic stability. Conversely, money laundering prosecutions and convictions positively contribute to real GDP growth rate, suggesting that effective legal enforcement and deterrence mechanisms play a crucial role in mitigating illicit financial activities and fostering economic growth.

The study underscores the limitations of Nigeria's anti-money laundering framework, particularly weak enforcement mechanisms, low conviction rates, and institutional inefficiencies. Despite the presence of financial intelligence units and regulatory agencies, the persistence of money laundering and illicit financial flows

suggests that existing policies require significant strengthening. Enhancing transparency, increasing judicial efficiency, and fostering inter-agency collaboration are essential steps toward a more robust anti-money laundering system.

Furthermore, the study highlights the importance of leveraging technological advancements such as artificial intelligence and blockchain to enhance monitoring and enforcement efforts. International collaborations are also crucial in tracking illicit funds and preventing financial leakages. Addressing these issues requires a holistic approach that integrates stringent regulatory measures, judicial reforms, and economic policies that promote financial accountability.

Ultimately, tackling money laundering is vital for ensuring sustainable economic growth in Nigeria. Strengthening regulatory frameworks, improving conviction rates, and enhancing institutional capacity will help create a more transparent financial system. By implementing these measures, Nigeria can reduce financial crimes, improve investor confidence, and foster long-term economic stability.

5.3 Recommendations

Based on the study's findings, the following recommendations aim to strengthen anti-money laundering measures, improve enforcement mechanisms, and enhance Nigeria's financial system's transparency and economic stability.

1. **Strengthening Anti-Money Laundering (AML) Frameworks** – Nigeria should enhance its AML regulations by enforcing stricter compliance requirements, improving financial intelligence gathering, and increasing penalties for non-compliance to deter illicit financial activities.
2. **Enhancing Law Enforcement and Judicial Efficiency** – The government should invest in judicial reforms to expedite money laundering prosecutions and increase conviction rates. Strengthening inter-agency collaboration between financial intelligence units and law enforcement agencies will improve enforcement effectiveness.
3. **Leveraging Technology for Financial Monitoring** – Implementing artificial intelligence and blockchain technology in financial transactions can enhance real-time monitoring, detect suspicious activities, and improve transparency in financial systems.
4. **Strengthening International Collaborations** – Nigeria should actively engage in global financial intelligence-sharing initiatives to track and recover illicit financial flows, ensuring cross-border cooperation in combating money laundering.
5. **Increasing Public Awareness and Financial Literacy** – Educating individuals and businesses on the risks of money laundering and financial crimes can promote compliance and reduce unintentional involvement in illicit financial activities.

5.4 Contribution to Knowledge

This study contributes to knowledge by providing a comprehensive analysis of the impact of suspicious transaction reports, illicit financial flows, money laundering prosecutions, and convictions on Nigeria's GDP. Unlike previous research that focused on isolated aspects of financial crime, this study integrates multiple variables into a regression model, offering a holistic understanding of their collective effects on economic stability. By highlighting the significance of money laundering prosecutions and convictions in curbing illicit financial activities, the study underscores the need for stronger legal frameworks and enforcement mechanisms. Additionally, it identifies gaps in Nigeria's anti-money laundering policies, particularly in the effectiveness of suspicious transaction reports. The findings provide valuable insights for policymakers, regulatory bodies, and financial institutions in designing more effective measures to combat financial crimes. Furthermore, this study expands the empirical literature by incorporating recent data, thereby enhancing the understanding of financial crime's macroeconomic implications and offering practical recommendations for economic growth.

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APPENDIX
COLLECTED DATASET FOR THE STUDY PERIOD (2005-2024)

Year	Suspicious_Transaction_Reports	Illicit_Financial_Flows_Billion_USD	Money_Laundering_Prosecutions	Money_Laundering_Convictions	Real GDP Growth Rate (%)
2005	1360	14.19	110	10	1.75
2006	4272	8.89	192	14	7.51
2007	3592	6.4	290	151	5.32
2008	966	1.22	260	112	3.99
2009	4926	4.23	70	36	-0.44
2010	3944	4.37	57	146	-0.44
2011	3671	10.57	164	24	-1.42
2012	3419	9.54	230	99	6.66
2013	630	12.66	297	51	4.01
2014	2185	3.43	62	133	5.08
2015	1269	6.47	77	188	-1.79
2016	2891	3.55	91	72	7.70
2017	2933	11.58	245	105	6.32
2018	1684	6.95	128	61	0.12
2019	3885	3.91	201	105	-0.18
2020	4617	8.95	243	141	-0.17
2021	3404	1.44	64	160	1.04
2022	974	12.79	256	152	3.25
2023	1582	7.3	130	180	2.32
2024	3058	6.53	160	38	0.91