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## "FINANCIAL INCLUSION OF DIGITAL FINANCE"

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### **ABSTRACT**

Financial Inclusion is characterized as the way toward guaranteeing admittance to financial administrations and sufficient credit where required by weak gatherings like more fragile areas and low pay at a moderate expense. Financial inclusion incorporates admittance to financial items and administrations like banks accounts, protection, settlement and installment administrations, financial warning administrations and so forth it furnishes people with the likelihood to put something aside for future dependability, an undeniable degree of bank store would empower a steady store base, freedoms to construct reserve funds, make speculations and access credit. Presently a day, there is a comprehensive development zeroed in on financial inclusion. All in all, these are accomplished with the empowering of new financial innovation. Numerous banks have shown up with new financial innovation that occurred in the new situation of banking clients that is designated "Advanced money". Consequently, advanced account has given another shape to the financial business. Advanced account is a financial service conveyed through cell phones, PCs, the web or cards connected to a dependable digital installment framework Digital finance can possibly give moderate, advantageous and secure financial assistance. Digital finance gives more noteworthy control of client individual budget, speedy financial dynamic, and the capacity to make and get installments. Financial Inclusion is a mutually advantageous arrangement that is accomplished through advanced account.

### **Introduction**

Digital finance and financial inclusion have a few advantages to financial administrations clients, digital account suppliers, governments and the economy. Since 2010, the G-20 and the World Bank have driven the activity for expanded Financial Inclusion in non-industrial nations to service lessen destitution levels in creating and arising economies (Peterson K Ozili, 2018)<sup>1</sup>. Admittance to digital advances permits a more extensive scope of financial administrations like web based banking, versatile banking and so on The innovation has spread web banking, mobile

banking, e-wallets, versatile wallets, and credit and check cards. It gives a few advantages like accommodation, simple financial exchanges and so on to the client. Be that as it may, the danger of digital assaults is the high alert which corresponds with the development of the economy. It appears to be that while individuals are getting settled with credit only installments, some sort of negative discernments like security issues, helpless organization inclusion, and absence of shipper ability, high value-based expenses, absence of clients' information on innovation and so forth are keeping down numerous from receiving the new framework

Advanced financial administrations can be more advantageous and moderate than customary financial administrations, empowering low-pay and needy individuals in non-industrial nations to save and acquire in the formal financial framework, procure a financial return. It is indispensable to the general population as it services security for their finance and it's more advantageous contrasted with keeping cash at home going with the cash. Notwithstanding, the arrangement of digital finance includes the support of various players like banks/financial establishments, mobile organization administrators, financial innovation suppliers, controllers, specialists, chains of retailers and customers (Haider H, 2018)<sup>2</sup>. It can dispense with such exchange costs and give reasonable, helpful and secure financial administrations to helpless people in agricultural nations.

Financial inclusion refers to the entrance and applying a bunch of satisfactory financial administrations by families and firms is fundamental for headway as it can service helpless nuclear families improve their lives while similarly affecting financial development. Advanced financial administrations are held out as key money-related responses for improving financial thought (Agufa midika michelle, 2016)<sup>3</sup>. Financial inclusion is overcoming any issues among finance and digital installments. Clients are associated with an advanced installment framework, they can move cash right away and economically to companions, family and business work together (Radcliffe and Voorhies, 2012).

### **Objectives**

In this paper, we the researcher intends to identify financial inclusion of digital finance among people. Digital finance includes Digital banking, Mobile banking, Mobile Wallets (apps), Credit card and debit card. Financial inclusion is taken for the study are Convenience, Adaptability, affordability, Security, User-friendly, Low Service charge, Accurate timing, Online Monthly statement, Quick financial decision making, Easy interbank account facility, Digital Connectivity, and Usability.

### **Review of literature**

<sup>4</sup>**Agufa Midika Michelle (2016)**, The Effect Of Digital Finance On Financial Inclusion In The Banking Industry In Kenya, The examination inferred that digital finance doesn't have any relationship on Financial incorporation in financial area in Kenya since banking organizations embrace advanced Financial administrations to bring down working expense related with opening and working branches to improve their productivity and Financial execution and not to encourage Financial consideration.

<sup>5</sup>**Yan Shen and Yiping Huang (2016)**, Prologue to the uncommon issue: Digital

finance in China digital account, which is frequently alluded to as "digital money" and "Fintech". Web account alludes to the new plan of action of using the Digital and data correspondence innovations to achieve a wide scope of Financial exercises, like outsider installment, web based loaning, and direct deals of assets, swarm financing, online protection, and banking. The Digital can fundamentally bring down exchange costs and diminish data unevenness, upgrade the effectiveness of danger based estimating and danger the board, and grow sets of practical exchanges.

<sup>6</sup>**Huma Haider (2018)**, Innovative Financial advancements to service livelihoods and Financial results, the investigation the inspected the imaginative Financial progresses support occupations of individuals. Admittance to digital advancements, specifically Mobiles, web availability and biometric validation, takes into account a more extensive scope of financial administrations, like Digital banking, cell phone banking, and digital credit for the unbanked. Digital Financial administrations can be more helpful and reasonable than conventional financial administrations, empowering low-pay and destitute individuals in agricultural nations to save and get in the formal financial framework, acquire a financial return and smooth their utilization.

<sup>7</sup>**Peterson K Ozili (2018)**, Effect of Digital Finance on Financial Inclusion and Stability, this article gives a conversation on digital account and its suggestion for financial incorporation and financial security. Digital account through Fintech suppliers has constructive outcomes for financial incorporation in arising and progressed economies, and the comfort that advanced finance gives to people low and variable pay is frequently more important to them than the greater expense they will pay to get such administrations from traditional directed banks.

### **Research Methodology**

The questionnaire was carefully prepared for the collection of primary data. Questions were carefully framed to study the effects of digital finance on financial inclusion. The Cronbach's alpha value is 0.976, for proving its reliability and validity. The analysis made through the Statistical Package of Social Sciences (SPSS) ver. 22.0 for analysis. The techniques used for analyzing are One way ANOVA and Reliability tests.

It is used when you have two or more groups and you wish to compare the mean scores on the continuous variable. It is called one way because you are looking at the impact of only one independent variable on your dependent variable.

### **Analysis and Findings**

The scope of this analysis is to identify the effects of digital finance (Digital Banking, Mobile Banking, Mobile wallets (Apps), Credit card, and Debit card) on financial inclusion. The one-way analysis is used to identify the effect of financial inclusion on digital finance.

*H0 - There is no significant difference between Digital banking, mobile banking, Mobile wallets (apps), Credit card and debit card with regard to Usability*

**Table 1: One way ANOVA for significant difference among digital finance and financial Inclusion**

Financial Inclusion	Digital Finance					F value	P value
	Internet banking	Mobile banking	Mobile wallets (Apps)	Credit card	Debit card		
Convenience	3.37a (1.165)	3.24ab (1.091)	4.05b (1.105)	4.00b (.849)	3.94b (1.056)	2.655	.037*
Adaptability	3.37 (1.165)	3.35 (.931)	3.95 (1.050)	4.00 (.843)	4.06 (1.507)	2.348	.060
Affordability	3.47 (1.219)	3.59 (.939)	4.05 (.923)	4.00 (.849)	3.94 (1.025)	1.289	.280
Security	3.37a (1.165)	3.47ab (1.007)	4.05ab (1.050)	4.12ab (.766)	3.94b (1.026)	2.384	.057
User friendly	3.42a (1.170)	3.41a (1.121)	4.20ab (.894)	4.00ab (1.104)	3.94b (1.056)	2.418	.054
Low Service charge	3.37a (1.165)	3.29a (1.160)	4.15ab (1.040)	4.00ab (.849)	4.06b (1.046)	2.639	.039*
Accurate timing	3.07a (1.165)	3.35ab (1.169)	4.15ab (1.030)	3.00b (.829)	4.21b (.863)	2.652	.038*
Online Monthly statement	3.58 (1.071)	3.41 (1.121)	4.05 (1.050)	3.96 (.824)	3.94 (1.032)	1.408	.237
Quick financial decision making	3.58a (1.219)	3.35ab (1.057)	4.20ab (.768)	4.00ab (.849)	3.94b (1.058)	2.407	.055

(Source: Primary data)\*\* Highly Significant\*Significant

At a 1% level of significance based on the Duncan multiple range tests was made and find that the p-value is less than 0.01 the null hypothesis is rejected with regard to usability.

Hence, there is no significant difference between Digital banking, mobile banking, Mobile wallets (apps), Credit card, and debit card with regard to Usability.

At a 5% level of significance based on the Duncan multiple range tests were made and find that the p-value is less than 0.05 the null hypothesis is rejected with regards to Convenience, Low service charge, accurate timing, and easy interbank account facility. Digital banking, Mobile wallets (apps), Credit card and debit card is significantly different at 5%. But the digital finance of mobile banking is not different from any other group. In Low service charge, Digital banking, Mobile banking is significantly different with the debit card at 5%. But the digital finance of mobile wallets and credit cards is not different from any other group. In Accurate timing, Digital banking has significantly differed from credit card and debit card at

a 5% level. But the digital finance of Mobile banking and mobile wallets (apps) is not different from any other group. In an easy interbank account facility, Digital banking is significantly different with Mobile wallets, credit cards, and debit cards at 5%. But the digital finance of Digital banking and mobile banking is not different from any other group.

There is no significant difference among Digital finance (Digital banking, mobile banking, mobile wallets (APPs), Credit card, and Debit card with respect to Adaptability, Affordability, Security, User-friendly, Online monthly statement, and quick financial decision making. Since the p-value is greater than 0.05. Hence the null hypothesis is accepted at a 5% level with regard to Adaptability, Affordability, Security, User- friendly, online monthly statement, and quick financial decision making

### **Conclusion**

This article gives a discussion on Digital account and its effect on financial consideration. Progressive Finance assumes a fundamental part in the normal aerobics of individuals. The findings of the analysis found that Usability, Convenience, Accurate planning, and simple interbank account office emphatically affects Mobile banking, Low service charge and precise planning fundamentally affects mobile wallets (applications) even Low service charge has decidedly affected on the MasterCard. Consequently the investigation infers that the advanced finance, Visa and credit card altogether affects financial incorporation. In spite of the fact that digital life partner has many negative on an issue like reasonableness, security, flexibility and so forth each individual means to benefit of digital finance in their lives.

### **Reference**

1. Yan Shen and Yiping Huang “Introduction to the special issue: Digital finance in China” china economic journal”
2. Agufa Midika Michelle, “The Effect Of Digital Finance On Financial Inclusion In The Banking Industry In Kenya”
3. Peterson K Ozili, “Impact of Digital Finance on Financial Inclusion and Stability”
4. Haider, H. “Innovative financial technologies to support livelihoods and economic outcomes”
5. “SPSS Survival manual- A step by step guide to data analysis using spss for windows” third edition – Julie palliant