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# Determinants of Non-Adoption of Digital Financial Services in India

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## Abstract

Financial Technology brought new paradigms in financial services sector in India. Digital financial services outperform traditional financial services because digital financial services are fast, precise, comfortable, and customized. Recently, India has crossed the 20 billion number of digital payments. This growth is because of the pro-digital policies of the government, digital infrastructure development, the customer support. A significant number of adults in India adopt and use digital financial services. However, a large group of Indian adults has not embraced digital financial services are adequately researched. But the determinants of the non-adoption of digital financial services are less researched in India. This study aims at identifying the factors that determine the non-adoption of digital financial services by adults in India.

**JEL Code :** G41, G11, D91, F65,

Keywords : Behavioral Finance; Digital; Financial Services; Non-adoption; Infrastructure; India

# I. Introduction

DIGITAL TRANSFORMATION HAS brought a paradigm shift in almost all industries across the globe. The financial services sector is not an exception to the technology intervention. Banking Financial Services and Insurance (BFSI) sector is facing a lot of disruptions right from product and service development to delivery. In recent days, "money is created, used, stored, processed, and delivered electronically" (Saal, Starnes, and Rehermann, 2017).

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		Table VI			
		Test for Exact Fit			
χ²		df	Р		
2715		321	<.0	01	
Source: Self	Computed using P	rimary data			
		Table VII			
		<b>Fit Measures</b>			
			RMSEA 9	RMSEA 90% CI	
CFI	TLI	RMSEA	Lower	Upper	
0.836	0.820	0.106	0.102	0.110	

Source: Self Computed using Primary data

#### **VI.** Conclusions

This study aimed at measuring and validating the determinants of nonadoption of DFS in India. The study is based on primary data and interviews were conducted to collect the primary data from adults in Karnataka, India. Based on the existing research works, barriers to the adoption of DFS are identified and further, new variables, in addition to the validated variables in the existing research works, are tested in this study to determine the factors that led to the non-adoption of DFS. Seven variables such as privacy barriers, security barriers, trust barriers, access barriers, lack of digital financial literacy, traditional barriers, and language barriers are considered. The collected data was tested with appropriate tools to identify the determinants of non-adoption of DFS in India. The study results have found and concluded that Security and privacy barriers", "Lack of Digital, Financial, and Language Literacy", and "Lack of Awareness of DFS" are determinants of the non-adoption of DFS in India. Since the study is a behavioral study, it has all limitations pertaining to a behavioral study such as response bias, and so on. Similar studies can be carried out in different regions of India such as North, North-east and other regions among adults of different age groups in rural as well as urban areas.

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Annexure I Interview Questions									
	S	ection A							
1.	Gender	Male	Female						
2.	Age								
	19 years to 24 years								
	25 years to 40 years								
	41 years to 56 years								
	More than 56 years								
3.	Marital status	Married		Sir	ngle	9			
4.	Education								
	School education								
	Bachelor's degree								
	Master's degree								
_	Others								
5.	Annual income								
	Up to Rs 2,00,000								
	Rs 2,00,001 to Rs 5,00,	000							
	More than Rs 5,00,000				1				
6.	Area of Residence	Kural		Ur	bai	1			
		Section B							
7.	Choose the most suitable choice	given against each staten	nent.						
	SDA - Strongly Disagree, DA - Di	sagree, N - Neutral, A - Ag	gree, SA - Str	ongl	y A	gree			
Stater	nents		DSA DA	Ν	Α	SA			
I fear	that my personal information will be l	eaked Luse DFS							
I feel	that someone is monitoring my financi	al transactions if Luse DES							
I feel	that someone tracks my financial beha	viour if I use DFS.							
I do n	not use DFS as there are transaction fail	lures.							
I do r	not use DFS as there are online frauds.								
I do n	ot use DFS as there are password leak	s.							
I do r	not use DFS as there are phishing.								
l am 1	not comfortable with DFS as I frequent	ly forget my passwords							
I am i	not comfortable with DFS as I frequent	ly forget my PINs							
Lami	not comfortable with DFS due to poor i	nternet speed							
1 4111 1	vebsites & applications	oor quality or							
Idon	ot have trust on online financial transa	ctions							
I have	e lack of trust on DFS								
I do n	ot believe online transaction as a safe of	one							
I can	conduct online searches using my digit	tal device(s)							
(5	Smartphone/PC/Laptop)								
I can	send and receive emails on my own								
I shop	online								
Suppo	ose you have borrowed Rs 1000 at an a	innual							
Curr	ate of interest of 12%. The monthly interest from the b	erest payable is Ks 10.							
Juppe	lenosits when the inflation is at 6%	allK							
Ϋ́	our effective rate of return (interest) is	6%							
I am a	aware of digital payment methods such	1							
a	s Phonepe, GPay, Amazon pay, UPI, a	and so on							
I pref	er to use traditional financial services i	ather than DFS							
Tradi	tional financial services are safe rather	than DFS							
Tradi	tional financial services are convenient	rather than DFS							
Tradi	tional financial services provide a sense	e of							
s	atistaction rather than DFS								
l do r	not use DFS as they are not available in	n regional languages							
I do n	ot use DFS as I could not understand								
ti Ldor	echnical details that are in English	are in English							
<i>c</i>		are in English							
Sourc	e: Self Formulated								

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866