Exploring Social media as a strategy for Small and Medium Enterprises (SMEs) Performance: Evidence from Oyo State, Nigeria

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4 Abstract

This study explored the role of social media strategy in the performance of SMEs in Oyo state, Nigeria. Specifically the study identified the various types of SMEs using Social Media for marketing, examined the relationship between social medial strategy and SMEs performance, and determined the factors influencing adopting social medial strategy by SMEs in Nigeria. The population of this study was comprised one thousand four thousand and fifty eight (1,458) SMEs that registered with the SMEDAN, while one hundred and thirty two (132) was selected as a sample size for the study. The data collection instrument for the study was a structured questionnaire and personal interview. Data analysis was performed with the aid of descriptive and inferential statistics. The result showed that Facebook, Twitter and LinkedIn are the major social media employed by the SMEs to exploit competitive advantage. The result also revealed that build brand awareness, promote products and/or services, and collect customers feedback are the majors principal factors influencing adoption of the social media strategy by SMEs. In conclusion, the study confirmed that there a significant relationship between social medial strategy and SMEs performance. Subsequently, the study recommended that Small and Medium Enterprises Development Agency of Nigeria should sensitize the SMEs operators on how to make use of social media strategy and benefits accrued to its usage. Also, government should provide conducive business environment that will enable SMEs to thrive.

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Keywords: Facebook, Twitter, LinkedIn, Blogs, YouTube, Strategy, SMEs, Performance,

Introduction

Small and Medium Enterprises (SMEs) are globally acknowledged as veritable tools for wealth creation, employment generation, and sustainability. Studies have revealed that SMEs have retained their position as the backbone of the developed and developing countries as they account for about 70 and 95% of all business entities in most countries around the world and also create between 50 and 80% employment [1]. In Nigeria, SMEs play significant role in generating employment and income generation opportunities to low income earners of the economy. According to National Bureau of Statistics [2], the total number of persons employed by the SMEs sector in Nigeria as at December, 2017 stood at 84.02% of the total labour force. Despite the enormous contributions to the sustainable economic development, more than half of SMEs in

Nigeria closed shop after five years of their operations [3, 4]. Hence, their high level of moribund is worrisome.

In an era characterized by global cut-throat competition, knowledge based economy, technological advances and innovation, social medial strategy plays a pivotal role in increasing competitiveness of SMEs [5]. Studies revealed that through social media strategy, SMEs are likely to be more entrepreneurial, flexible, and innovative than their large by more responsive to customers' needs and they have more of an opportunity to get close to customers and obtain valuable feedback [6, 7, 8]. As such, social media strategy in form of Facebook, Twitter, Blogs, Myspace, LinkedIn, Plurk, Friend Feed, Yelp, Amazon, Trip Advisor, YouTube and Vimeo has become more popular among the SMEs as a competitive tool especially in the developed economy. This implies that if SMEs want to be successful and wax stronger in this cut-throat global competition, they should explore social media strategy by listen to their customers, share information with them and build relationships in order to gain mutual trust so that they can influence their customers' behavior, which help the business grow.

A plethora of studies have been done into the social media practices of large organizations; however, there have been limited studies conducted relative to social media usage and experience specifically target at very small businesses in Africa, Nigeria inclusive. In view of this, the current study intends to fill the gap in knowledge by focusing on the role of social media strategy in the SMEs performance.

Specific Objectives

- i. To identify the various types of SMEs using social media for marketing.
- ii. To examine the relationship between social media strategy and SMEs performance.

iii. To determine the factors influencing adopting social media strategy by SMEs in Nigeria.

Research Questions

- 59 The following questions shall be the focus of this study
- 60 i. What are the various types of business using social media for marketing?
- 61 ii. Is there any association between social media strategy and SMEs performance?
- 62 iii. What are the factors influencing adopting social media strategy by SMEs in Nigeria?

Research Hypothesis

- H_0 : There is no association between use of social media strategy and SMEs performance.
- H_1 : There is an association between use of social media strategy and SMEs performance.

Literature Review

Concept of social media

Social Media started in 1978 when the first Bulletin Board Systems exchanged data over phone lines with other users. Social Media really started to take off, consumers started to tune out those carefully crafted messages and take more control over how they voiced their experiences with products and services [9]. In this 21st century, social media channels are commonly used in order to connect people together throughout the world using the Internet. Whether it is through social networks, forums, blogs or media sharing websites, people can now have a conversation online, also called interactive dialogue, with anybody and on any subject, permitting them to share their experiences and valuable information. According to Evans [9], Social Media relates to a self-generated, authentic conversation between people about a particular subject of mutual interest, built on the thoughts and experiences of the participants. Safko and Brake [10] defined social

media as the activities, practices, and behaviours among communities of people who gather online to share information, knowledge, and opinions using conversational media. In work of Weinberg and Pehlivan [11], social media relates to the sharing of information, experiences, and perspectives throughout community-oriented websites. In the same vein, **Adegbuyi**, **Akinyele and Akinyele** [12] viewed social media as a content that has been created by its audience. In another study, Kaplan and Haenlein [13] described social media as a group of Internet based applications that build on the ideological and technological foundations of Web 2.0, and that allow the creation and exchange of user-generated content.

Recently, there is a wide variety of social media dimensions available for SMEs to exploit for their competitive advantage. For instance, research revealed that Facebook is the largest and one of the most powerful social media platforms in the world, with more than 1.55 billion active users as of 2016. Followed by Google+, with its 400 million active users, Instagram, with its 400 million active users as of 2016, represent the largest image-oriented community on the Internet, Twitter, with 320 million active users in 2016 and LinkedIn counts, as of 2016, with 240 million active users and offers the strongest penetration among people aged 35+ [14]. This means that social media offers the opportunity for a high number of social interactions for businesses [15]. However, despite the growth in consumers using social media and the identified advantages of using social media [16], SMEs in Africa have been found to be slower in adopting social media than consumers [7].

Concept of Small and Medium Enterprises (SMEs)

There is no consensus definition of SMEs among the scholars. SMEs have been defined in a various ways by the various scholars and institutions in the different countries. For instance, In the UK, sections 382 and 465 of the Companies Act 2006 defined an SME for the purpose of

accounting requirements. According to this, a small company is one that has a turnover of not more than £5.6 million, a balance sheet total of not more than £2.8 million and not more than 50 employees. A medium-sized company has a turnover of not more than £22.8 million, a balance sheet total of not more than £11.4 million and not more than 250 employees. Jutla et al. [17] stated that SMEs have been defined against various criteria such as the value of assets employed and the use of energy. National Council of Industries refers to SMEs as business enterprises whose total costs, excluding land, are not more than two hundred million naira (\frac{15}{200}), 000,000.00). World Bank [18] defined small enterprises as enterprises which have 50 staff members and up to 3 million US dollars turnover, while medium enterprises are conceived as enterprises which have at most 300 employees and an annual turnover not exceeding 15 million US dollars. In Nigeria, Small and Medium Sized Development Agency of Nigeria (SMEDAN) defined SMEs based on the following criteria: a micro enterprise as a business with less than 10 people with an annual turnover of less than ₹5,000,000.00, a small enterprise as a business with 10-49 people with an annual turnover of №5 to 49,000.000.00; and a medium enterprise as a business with 50-199 people with an annual turnover of ₹50 to 499,000.000.00.

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Hallberg [19] has observed that any statistical definition of SMEs varies by country and is usually based on the number of employees and the value of assets. According to him the lower unit for small scale enterprise is usually 5-10 workers and the upper limit is 50-100 workers. Furthermore, the upper limit for medium scale enterprises is usually set between 100 and 250 employees.

Relationship between social media strategy and SMEs performance

Prior studies have established a positive relationship between social media strategy and SMEs performance in both developed and emerging economy. For example, a study carried out by the

European Commission [20] in six EU Member States. Finding revealed that those SMEs that used social media appear to be better off financially than those that don't. In another study, Mwangi and Wagoki [7] examined the extent social media influenced performance of advertisement business in the five leading media groups in Kenya. The results showed that interactivity of social media was positively related to performance of advertisement business. Another study conducted by Muhammad [21] in Malaysia on the benefits of social media marketing on SMEs brand awareness. The findings indicated that social media exposure and customer engagement has strong ties to the brand-awareness. Chheda [22] also examined the impact of social media marketing on performance of micro and small businesses. Findings revealed that social media marketing is a major determinant of performance of micro and small businesses. Veronse, Grace, Daniel and Bichanga [8] also examined the role of social media networks in penetration of international markets by small and medium enterprises in Kenya. The study concluded that social media is a driving force for SMEs to compete globally. In another study conducted by Hajli [23] it was established that social media is a veritable tool for SMEs Performance Jagongo and Kinyua [24] also examined the impact of social media on entrepreneurship growth in Kenya. The results revealed that social networking allowed businesses to gain access to resources otherwise not available to them, increase customer and supplier contacts and promote partnerships. Chi [25], he explored the influence of user motivation to engage in online networking on responses to social media marketing in Taiwan. The study established that social media enables users to express, establish and maintain social connections with others while articulating their own, which eventually lead to business growth.

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Methodology

Exploratory research design was employed for the study. Exploratory research is initial research conducted to clarify and define the nature of a problem which does not provide conclusive evidence and hence subsequent research expected. The purpose of the study is to understand the phenomenon of social media strategy and to acquire new insights into it [22]. The population of this study was comprised one thousand four thousand and fifty eight (1,458) SMEs registered with SMEDAN while one hundred and thirty two (132) was selected as a sample size for the study, based on the formula suggested by Mugenda and Mugenda [26]. The data collection instrument for the study was a structured questionnaire and personal interview. The research instrument was administered and retrieved personally by the researcher with the aid of one research assistant. The instrument for the study was submitted to a panel of experts for validation. The reliability of the instrument was determined through Cronbach's Alpha internal-consistency methods. Data analysis was performed with the aid of descriptive and inferential statistics.

Data Analysis, Results and Discussion

1. Users of Social Media strategy

Table 1: SMEs using Social Media Strategy

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		Frequency	Percent	Valid	Cumulative
				Percent	Percent
	Yes	97	71.9	73.5	73.5
Valid	No	35	25.9	26.5	100.0
	Total	132	97.8	100.0	
Total		135	100.0		

The above table 1 indicates that out of 135 SMEs sampled, 97 of them were found to be using social media strategy for business, while 35 SMEs were not using social media strategy. Despite a wide variety of social media dimensions available for SMEs to exploit for their competitive

advantage, some of SMEs in Nigeria failed to explore social medial strategy by listen to their customers, share information with them and build relationships in order to gain mutual trust so that they can influence their customers' behavior, which help the business grow. This development is not sending a positive signal to the sector.

2. Types of SMEs using the social media strategy

Table 2: Types of SMEs using the social media strategy

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		Frequency	Percent	Valid	Cumulative				
				Percent	Percent				
	Construction	13	9.6	13.4	13.4				
Valid	Trading	25	18.5	25.8	39.2				
	Manufacturing	27	20.0	27.8	67.0				
	Education	21	15.6	21.6	88.7				
	Agro-Allied	11	8.1	11.3	100.0				
	Total	97	71.9	100.0					

The above Table 2 reveals that manufacturing (20%), trading (18.5%), education (15.6%), construction (9.6%) and agro-allied (8.1%) explore social media strategy for their competitive advantage. Further, the finding indicates that the use of social media strategy is maximum in manufacturing, trading and education and minimum in construction and agro-allied.

3. Type of Social media available for SMEs

Table 3: Type of social media

Type of social media	Yes	No	Total
Facebook	82 (84.5%)	15(15.5%)	97 (100%)
Twitter	69(71.1%)	28(28.2%)	97(100%)
YouTube	52(53.6%)	45(46.4%)	97(100%)
LinkedIn	67(69.1%)	30 (30.9%)	97(100%)
Blog	49(50.5%)	48 (49.5%)	97(100%)
Others	32 (33%)	65 (67%)	97(100%)

Table 3 reveals that 82 (84.5%) of the respondents make use of Facebook, 69(71.1%) of the respondents make use of Twitter, 67(69.1%) of the respondents make use of LinkedIn 52(53.6%) of the respondents make use of Blog and 32 (33%)of the respondents make use of others. This indicates that Facebook, Twitter and LinkedIn are the major social media employed by the SMEs to exploit competitive advantage. This is in line with Chitwood [27]'s assertion that Facebook is the best social media to engage customers. In another study, Levy [28] also argues that Twitter is an interesting platform for businesses that want to reach out to people now and expect readily for people to reply. Similarly, Chheda [22] also argues that LinkedIn is more interesting for service providers than for manufacturers or retailers, because it is easier to talk about what the business does, and because it is not a very visual medium. This implies that Facebook, Twitter and LinkedIn require long-term commitment and they focused on building relationships.

4. Factors influencing adoption of social media strategy by SMEs

Table 4: Descriptive Statistics of the factors influencing adoption of social media strategy by SMEs

Statement	N	Mean	Std. Deviation
Promote products and/or services.	97	4.0309	1.01503
Build customer loyalty	97	3.8557	1.32279
Collect customers feedback	97	4.0206	.84137
Observe competition	97	3.5361	1.36978
Engage potential customers	97	3.2887	1.33040
Sell products and/or services	97	3.6804	1.16857
Increase website traffic	89	3.3146	1.13413
Build brand awareness	97	4.2990	.70953

Table 4 indicates a grand mean of 3.8 which is above the criterion mean of 3.00. This reveals that respondents agreed that the above listed items are factors influencing adoption of social

media strategy by SMEs. Furthermore, results indicate that build brand awareness was the most factor influencing adoption of social media strategy.

Table 5: Principal Component Analysis of Factors influencing adoption of social media strategy by SMEs.

Component		Initial Eigenva	lues	Extraction Sums of Squared Loadings			
	Total % of Cu		Cumulative	Total	% of	Cumulative	
		Variance	%		Variance	%	
1	3.346	41.820	41.820	3.346	41.820	41.820	
2	1.523	19.037	60.857	1.523	19.037	60.857	
3	1.009	12.611	73.468	1.009	12.611	73.468	
4	.818	10.226	83.694				
5	.614	7.674	91.369				
6	.339	4.241	95.609				
7	.202	2.528	98.137				
8	.149	1.863	100.000				
Extraction Method: Principal Component Analysis.							

Table 5 shows the importance of each of the eight principal components. Only the first three (build brand awareness, promote products and/or services and collect customers feedback) has eigenvalues over 1.00, and together these explained 73.468% of the total variation of social media strategy while remaining 26.54% of the variation was explained by some unknown factors.

Testing of Hypothesis

- H₀: There is no association between use of social media strategy and SMEs performance.
- H_1 : There is an association between use of social media strategy and SMEs performance.
- To test above hypothesis bivariate frequency table is obtained and presented as shown below.

Table 6: Cross tabulation

Social media strateg	gy	Performance o	Total		
			has improved		
			Yes	No	
Type of social	Facebook	Count	25	6	31

media		Expected	23.3	7.7	31.0
		Count	25.6	,.,	31.0
		Count	20	0	20
	Twitter	Expected	15.1	4.9	20.0
		Count	13.1		20.0
		Count	11	0	11
	YouTube	Expected Count	8.3	2.7	11.0
		Count	10	1	11
	LinkedIn	Expected Count	8.3	2.7	11.0
	Blog	Count	7	11	18
		Expected Count	13.5	4.5	18.0
		Count	6	0	6
	Others	Expected Count	4.5	1.5	6.0
		Count	73	24	97
Total		Expected Count	73.0	24.0	97.0

It can be deduced from the Table 6 that majority of the respondents confirmed that social media strategy measured by Facebook, Twitter, YouTube, LinkedIn, and Blog have a significant effect on SMEs performance. This indicates that social media strategy is an alternative paradigm to the

Table 7: Chi-Square Tests

SMEs performance.

	Value	df	Asymp. Sig.
			(2-sided)
Pearson Chi-Square	43.158 ^a	5	.000
Likelihood Ratio	47.319	5	.000
Linear-by-Linear	21.080	1	.000
Association	21.000	1	.000
N of Valid Cases	97		

a. 6 cells (50.0%) have expected count less than 5. The minimum expected count is 1.48.

Above table 7 indicates that p-value is 0.000 which is less than standard value 0.05. Therefore Chi-square test is rejected. Hence Null hypothesis is rejected. Alternate hypothesis is accepted, which states that there is an association between use of social media strategy and SMEs performance.

Conclusion and Recommendations

This study explored the role of social media strategy in SMEs performance in Oyo state, Nigeria. Specifically the study identified the various types of SMEs using Social Media for marketing, examined the relationship between social medial strategy and SMEs performance and determined the factors influencing adopting social media strategy by SMEs in Nigeria. The population of this study was comprised one thousand four thousand and fifty eight (1,458) SMEs registered with SMEDAN while one hundred and thirty two (132) was selected as a sample size for the study. The data collection instrument for the study was a structured questionnaire and personal interview. Data analysis was performed with the aid of descriptive and inferential statistics. Study established that Facebook, Twitter and LinkedIn are the major social media employed by the SMEs to exploit competitive advantage. Study also affirmed that build brand awareness, promote products and/or services and collect customers feedback are the majors principal factors influencing adoption of the social media strategy by SMEs. In conclusion, study confirmed that there a significant relationship between social media strategy and SMEs performance.

Subsequently, the study recommended that Small and Medium Enterprises Development

Agency of Nigeria should sensitize the SMEs operators on how to make use of social media

strategy and advantages accrued to its usage. Also, government should provide conducive

business environment that will enable SMEs to thrive.

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