

# DIGITAL MARKETING AND CUSTOMER ACQUISITION IN AN AGRO-INDUSTRIAL COMPANY

<sup>1</sup>ESTELA-YOMONA, REYLIS MICHEL, <sup>2</sup>JORGE ANTONIO VASCO VASCO, <sup>3</sup>JUAN CARLOS POMAQUERO YUQUILEMA, <sup>4</sup>JOSÉ FERNANDO LÓPEZ AGUIRRE

<sup>1</sup>Universidad César Vallejo  
reylisestela@gmail.com

<https://orcid.org/0000-0002-4473-0158>

<sup>2</sup>Docente Investigador Escuela Superior Politécnica de Chimborazo Facultad de Administración de Empresas, Carrera de mercadotecnia, [jvasco@epoch.edu.ec](mailto:jvasco@epoch.edu.ec)

<https://orcid.org/0000-0002-4198-3459>

<sup>3</sup>Docente investigador Escuela Superior Politécnica de Chimborazo - [jpomaquero@epoch.edu.ec](mailto:jpomaquero@epoch.edu.ec)

<https://orcid.org/0000-0003-0952-943X>

<sup>4</sup>Investigador Escuela Superior Politécnica de Chimborazo - [josef.lopez@epoch.edu.ec](mailto:josef.lopez@epoch.edu.ec)

<https://orcid.org/0000-0001-9706-5115>

## Abstract

The present study presented as a general objective to determine the level of relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022, the methodology used was basic, correlational scope, quantitative approach and non-experimental cross-sectional design. , the study sample consisted of 201 employees of the company, who provided information through a survey with a questionnaire consisting of 20 items measured on the Likert scale, being validated by the opinion of 5 experts and presenting high reliability. through Cronbach's Alpha statistic. The results found were that a Spearman's Rho coefficient = 0.770 was determined between digital marketing and customer acquisition, a Spearman's Rho coefficient = 0.622 between content marketing and customer acquisition, a Spearman's Rho coefficient = 0.673 between social media marketing and customer acquisition. The conclusions reached were that there is a direct and high significant relationship between digital marketing and customer acquisition, in addition there is a direct and moderate significant relationship between content marketing and customer acquisition, as well as for social media marketing and customer acquisition.

**Keywords:** Digital marketing, content marketing, customer acquisition.

## I. INTRODUCTION

Currently, there has been a permanent technological growth of digital marketing due to the covid-19 pandemic, in that sense Alshaketheep et al. (2020) argue that quarantines, recession and social distancing in the economy led to a transformation in digital marketing and the way to engage consumers. While Rashid et al. (2021) state that digital marketing allowed to get much closer to the customer in a new way, using relevant digital marketing strategies to attract customers. As we can see, digital marketing has been growing steadily, being the case that there are currently many companies that do not apply digital marketing lose the attraction of new consumers.

Gupta et al. (2021) They argued that digital marketing is responsible for guiding organizations to adapt relevant methods of digital marketing to achieve adequate customer acquisition, trying to meet the demands of these. In these times we can see that in social networks there is a massive traffic of digital marketing material, as well as there are emails, websites, and other electronic means of digital marketing that are focused on attracting new customers. For his part, Barrera (2021) mentioned that at the beginning of the pandemic, in our



Peruvian territory there was an increase in activities aimed at strategic digital marketing, in this context as there were no purely face-to-face activities due to the health measures provided by the central government, companies and microenterprises had to migrate to digital marketing to attract new customers, presenting some difficulty for its adequacy of the same. Bravo (2021) said that in Peru companies have tried to implement their digital marketing operations according to or with the current circumstances, where digital marketing strategies have undergone certain variations to be able to attract new customers.

The company Agroindustrias Dane S.R.L., applies traditional methods of digital marketing, hindering the acquisition of new customers. Frente to this problematic reality, this research had the purpose of knowing the relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, year 2022. The general problem that was raised in this research was the following: What is the level of relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022? While the specific problems that were raised were: What is the level of relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022? and What is the level of relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022?

This research was justified in a practical way in the managerial convenience of the study company, who knew the relationship between digital marketing and customer acquisition. While the theoretical justification was based on existing theories about the relationship between both study variables, the same that served the study company for business decision making. The methodological justification of this study was based on a solid methodology that facilitated knowing the relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

The general hypothesis established in the research was the following: There is a significant relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022. While the specific hypotheses that were raised were the following: There is a significant relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; and, there is a significant relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

The general objective established in this research was the following: To determine the level of relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022. While the specific objectives that were raised were the following: Determine the level of relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; and, determine the level of relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

## II. THEORETICAL FRAMEWORK

Pizarro (2022) conducted research on digital marketing and customer acquisition in restaurants in Ica, during the period 2021; the research concluded that there is a significant direct relationship between digital marketing and customer acquisition in restaurants in Ica. For his part, Hernández (2019) developed an investigation on digital marketing and customer acquisition of a legal office in Callao, 2019; the study concluded a significant direct relationship between digital marketing and customer acquisition in a legal firm in Callao. While Elera (2020) conducted research on digital marketing for customer acquisition in a metal organization in Motupe, Lambayeque; the results found was the incidence of digital marketing in an 86.6% correlation of Pearson with customer acquisition.

Bravo (2021) carried out a research regarding digital marketing and the result originated in SMEs of Gamarra, Lima; the study concluded that SMEs of Gamarra are regularly applying digital marketing. While Silva and Ramos (2019) developed an investigation regarding the methods of

digital marketing for the improvement of university student recruitment, Chiclayo; the study concluded that the execution of digital marketing improves the procedure of attracting university students. For their part, Ordoñez and Vives (2021) carried out research on digital marketing and increased sales in the NPC general services organization, in the city of Chiclayo; the study concluded that digital marketing has a significant impact on sales, according to the correlation level  $r = 0.442$  qualified as average positive.

Suyón (2019) carried out a research regarding the planning of digital marketing to renew the fundraising in a children's village of Chiclayo; the study concluded by proposing a digital marketing planning for its management in the fundraising of the children's village of Chiclayo. On the other hand, Noerlina and Mursitama (2022) conducted a research regarding the participation of digital marketing in SMEs and Educational Institutions in Indonesia; the study concluded that digital marketing facilitates educational institutions and SMEs to interact directly with consumers. While Pollák and Markovič (2021) conducted research regarding an empirical analysis of digital marketing in SMEs operating in the Central European market; the study concluded that organizations that actively use digital marketing tools evaluate the contribution to their business very positively.

Hagen et al. (2022) conducted research on digital marketing activities carried out by Dutch associations; The study concluded that digital marketing leads to increased use of digital channel update activities. Novytska et al. (2021) conducted research on digital marketing to promote organic products; the study concluded that the application of social media is the main digital marketing channels of organic companies. While Herhausen et al. (2020) conducted research on digital marketing capability gaps; the study concluded that the deficit found reflects a considerable separation from the evolution of digital marketing in the industrial organization.

Regarding the theories that relate to the theme Setkute and Dibb (2022) mentioned that digital marketing had its first events between the years of 1990 and the year of 1994 through the launch of Archie, which was at that time the first search engine for information. Later in the years of 1997 comes to market one of the social networks known as SixDegrees.com, then in the year of 1998 the appearance of Google is established, Microsoft opening MSN, Yahoo! establishes Yahoo! As a web browser. Daud et al. (2022) mentioned that at the end of the twentieth century, blogging was born as digital marketing, to after five years have the existence of more than fifty million blogs; however, at the beginning of the year 2000 many companies of the SixDegrees.com that were small search engines came to disappear.

Adaviruku et al. (2021) mentioned that by 2003 social media such as Facebook, MySpace and LinkedIn emerged, and in 2005 Google search engines began to establish a more personalized platform, based on search records with the purpose of continuously modernizing their algorithm and organizing the availability of their websites. Then YouTube appears, the same that is currently a web platform widely used by the population. On the other hand for the years 2006 to 2008 begin to appear Chrome, Twitter, iPhone, being the case that digital marketing has achieved an accelerated and permanent development for decades to the present.

Digital marketing is defined as the use of digital tools to offer services or products to a certain population (Nuseir and Refae, 2022), considering the predispositions and tendencies of acting and feeling of customers (Goldman et al, 2021), adapting the elements and particularities of digital marketing in the use of novel virtual mechanisms (Kalugina and Ryapukhin, 2021), in this way it will be possible to identify the most effective and efficient way to reproduce a value to customers so that they can perceive the products through digital tools (Lazo et ál., 2021).

Digital marketing is the tactic that an individual or organization uses through the digital platform whose objective is to attract new consumers (Chinakidzwa and Phiri, 2020), managing to enhance the commercial identification of the product offered by the company (Busca and Bertrandias, 2020), for this relevant methods of content marketing and social media marketing are used. (Rosokhata et ál., 2020), considering that digital marketing has the purpose of reaching the mind of the customer to offer a product or service, knowing their preferences and behaviors to improve products and / or services (Dwityas et ál., 2020).



Digital marketing are the activities carried out using content marketing and social media marketing, with the purpose of offering a certain service or product (Busca and Bertrandias, 2020). The first dimension of digital marketing is content marketing, as it is a method aimed at attracting customers through various digital media; while the second dimension is social media marketing because it is a social media positioning strategy using digital channels to attract customers.

Makrides et al. (2020) They argued that the theoretical models of digital marketing have evolved according to the requirements of consumers and the context of the company. Rahim et al. (2020) mentioned that digital marketing had as a theoretical model the four Fs established by four dimensions that are flow, feedback, loyalty and functionality. Soedarsono et al. (2020) referred to network theory as a theoretical model of digital marketing, where the relationships between people are strategically analyzed to know the patterns that develop within society and make better business decisions. Rosokhata et al. (2020) argued that digital marketing had as a theory the collective intelligence of the Internet phenomenon, pointing out that the use of the Internet helps to attract consumers and integrate for business advertising campaigns.

Meire et al. (2017) mentioned that customer acquisition had its beginnings in 1922 through the launch of the first advertisements made on a radio station in New York for commercial purposes; also, in 1941 the first television advertisements are made with the purpose of attracting customers for various commercial companies, for the year 1950 Telemarketing is born as a common practice of reaching customers, while in 1973 the digital era appears with the Motorola mobile phone, three years later Apple launches a new mobile device as a tool for customer acquisition.

De Vries et al. (2017) mentioned that in 1985 obtaining customers was done through digital desktop publishing software that facilitated the creation of customer acquisition strategies; likewise, in 1994 Spam or unwanted emails emerged to attract new customers, while in 1995 AltaVista and Yahoo implemented customer acquisition. For the year 2000 Google creates advertising tools for customer acquisition; while in 2004 Facebook was created, two years later Twitter, both digital tools were effective in attracting consumers.

Soedarsono et al. (2020) mentioned that consumer acquisition in 2011 was carried out through social networks, being the case that in 2012 social media was used as a channel for customer acquisition; also, in 2013 YouTube was more successful in attracting customers, since consumers chose to watch videos from this channel and then get agency of some product or service offered in said commercial publication, being that today is still used both social networks and other digital media to attract new customers. Customer acquisition is defined as the process in which new customers are incorporated into a certain company (Farías and Orihuela, 2020), in order for these customers to achieve their satisfaction by buying new products and / or services offered by a company (Apaza, 2019), in addition the purpose of attracting new customers is that they become a source of utility for the company (Vicente and Cano, 2022).

Customer acquisition involves converting potential customers into real customers of a company and who are willing to make the purchases offered by it (Oré and Vicente, 2021), for which various communication channels will be used establishing alliances with partners and creating new production lines considering the requirements of consumers (Kumar and Kumar, 2019). Customer acquisition are procedures for incorporating new consumers into an organization after achieving the satisfaction of their expectations and making constant communication with the client (Farías and Orihuela, 2020). The first dimension concerning this variable is the satisfaction of expectations, as it is the fulfillment that is made against customer requests; while the second dimension is communication with the client, as it is an interactive method used by organizations to attract consumers.

Oklander et al. (2018) They mentioned that the theoretical models of customer acquisition are made by satisfaction, creativity, benefits, selection, promotion and information. Rahim et al. (2020) mentioned that the theoretical model on which customer acquisition is based are the stimuli, learning, experience in the satisfaction behaviors that customers have after making the acquisition of a specific service and / or product.

### III. METHODOLOGY

This study had a quantitative approach, in that context Hernández and Mendoza (2018) argued that an investigation with a quantitative approach is probative and sequential, in this research approach each stage precedes the next without being able to avoid steps. Jonsson and Nyberg (2022) mentioned that quantitative research is associated with statistics. Yousuf and Zainal (2020) mentioned that quantitative investigations offer possibilities for broader results based on magnitudes. This study was of a basic type, in that sense Shi et al. (2022) mentioned that basic research is responsible for producing theories and knowledge, so this research provided knowledge about the relationship between digital marketing and customer acquisition. The level of study was correlational, Wang et al. (2021) mentioned that correlational research associates variables or concepts that allow predictions, in addition to quantifying relationships between variables or concepts. This research aimed to determine the correlation between the study variables.

The design of this research was non-experimental, Tavakol and Pinner (2019) mentioned that research with non-experimental design does not manipulate the variables deliberately. In this research, the phenomena were observed in their original context, because the variables studied were not manipulated, since the study was carried out in their natural context. This research was transversal, Ekaterina (2019) mentioned that cross-sectional investigations collect information at a single time. This research was carried out in a single period of time, that is, it was carried out only in the period 2022. The method used in this study was hypothetical deductive, Novins et al. (2018) argued that research with a quantitative approach employs reasoning or deductive logic, while hypotheses are the axis of the deductive method. In this study it was proposed as a general hypothesis that there is a significant relationship between digital marketing and customer acquisition.

Variable 1 of the study is called digital marketing, qualitative in nature; Silva and Ramos (2019) reported that digital marketing refers to the use of internet-based ICTs, as well as devices that allow access to the internet to make such communication, with the commercial purpose between the organization and potential customers. Variable 2 of the research is called customer acquisition, of a qualitative nature; Fariás and Orihuela (2020) mentioned that customer acquisition indicates the adequacy of the organization to the new demands of customers about their expectations, managing to convert them into potential buyers.

This study had a population of 237 collaborators of the study company, during the year 2022. Casteel and Bridier (2021) mentioned that the population of a research is constituted by the objects or people under study. The results of the sample after applying the probabilistic method gave us a sample size of 201 collaborators of the study company, during the year 2022; where a 3% margin of error and 97% confidence level were applied. Ghnatios and Barasinski (2021) mentioned that the sample is determined through the application of formulas and estimation of probabilities.

The technique used for the collection of information was through the survey, for which the questionnaire instrument was used. Badu et al. (2019) mentioned that surveys are procedures of a descriptive research that is applied to collect information through a questionnaire. The validity of the content of the information collection instrument was by experts and the V of Aiken, considering clarity, relevance, relevance and sufficiency. Rozali et al. (2022) mentioned that expert judgment is a validation procedure that helps verify research reliability, in which they issue their experience opinion according to the study. The reliability of the instrument was carried out through the pilot test with 15 items in a Cronbach's alpha test measured on the Likert scale. Hashim et al., (2020) mentioned that the reliability of the instrument ensures that the applied instrument provides the same results. The result of Cronbach's alpha reliability test was .871 for digital marketing with 10 items, while for customer acquisition it shows a result of .917 with 10 items, which indicates that the instrument has reliability and was applicable for both study variables.

The KMO test for the digital marketing variable resulted in 66.9% greater than 50% and a level of Sig. ,000 less than 0.05 for Bartlett's sphericity test, for these two conditions we proceeded



to perform the exploratory factor analysis test. Likewise, the KMO test for the customer acquisition variable was de 80.9% greater than 50% and a level of Sig. ,000 less than 0.05 for the Bartlett Sphericity Test, for these two conditions was directed to carry out the exploratory factor analysis test. The analysis of the total variance explained for digital marketing with a sum of loads was equal to 5 5.363% for 4 categories, therefore being greater than 50% is determined that the instrument is strong and solid. Likewise, it was carried out for the variable customer capture with a sum of charges equal to 51.287% for 3 categories, therefore being greater than 50% it is determined that the instrument is strong and solid.

The procedures applied in the present study for the collection of information were through informed consent. Badu et al. (2019) mentioned that the procedures carried out in an investigation guarantee the quality of the data obtained. In this study, having categorical qualitative variables, the descriptive analysis method was used, the inferential analysis method was also applied using the Kolgo morov-Smirnov normality test, since data were greater than 30 respondents. A hypothesis test was also performed based on the answers of the normality tests. Ma and Wan (2021) mentioned that information analysis methods have the purpose of achieving the objectives of a research through statistical techniques.

**IV. RESULTS**

**4.1. DESCRIPTIVE RESULTS**

**Table 1**  
*Frequency table with grouped digital marketing data and its dimensions*

	Deficient		Moderate		Efficient	
	Frequency	%	Frequency	%	Frequency	%
Content Marketing	1	0.50%	46	22.89%	154	76.62%
Marketing social media	0	0.00%	29	14.43%	172	85.57%
Marketing digital	0	0.00%	30	14.93%	171	85.07%

Table 1 shows 14.93% and 85.07% moderate and efficient perception for digital marketing. Likewise, for content marketing it shows 22.89% and 76.62% of moderate and efficient perception. While for social media marketing shows 14.43% and 85.57% of moderate and efficient perception. This shows that digital marketing and its dimensions have a positive perception for its efficient evaluation percentages of 85.07%, 76.62% and 85.57% respectively.

**Table 2**  
*Frequency table with grouped customer acquisition data and its dimensions*

	Deficient		Moderate		Efficient	
	Frequency	%	Frequency	%	Frequency	%
Meeting expectations	4	1.99%	43	21.39%	154	76.62%
Communication with the client	1	0.50%	27	13.43%	173	86.07%
Customer acquisition	1	0.50%	24	11.94%	176	87.56%

Table 2 shows 11.94% and 87.56% of moderate and efficient perception for customer acquisition. Likewise, for the satisfaction of expectations it shows a 21.39% and 76.62% of moderate and efficient perception. While for communication with the client shows a 13.43% and 86.07% of moderate and efficient perception. This shows that customer acquisition and its dimensions have a positive perception for their efficient evaluation percentages of 87.56%, 76.62% and 86.07% respectively.



**4.2. INFERENCE RESULTS  
GENERAL HYPOTHESIS**

**Table 3**  
*Hypothesis test result of symmetric measures*

		Value	Asymptotic standard error <sup>a</sup>	Approximate T <sup>b</sup>	Approximate significance
Ordinal by ordinal	Tau-b de Kendall	,679	,048	11,657	,000
	Tau-c de Kendall	,597	,041	11,657	,000
Number of valid cases		201			

Table 3 shows p value = 0.00 < 0.05, then we proceed to reject H<sub>0</sub> and accept H<sub>1</sub>, also a coefficient Tau-c of Kendall = 0.597, so it was concluded that there is a significant, direct and moderate relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

**Specific Hypothesis 1**

**Table 4**  
*Hypothesis test result of symmetric measures*

		Value	Asymptotic standard error <sup>a</sup>	Approximate T <sup>b</sup>	Approximate significance
Ordinal by ordinal	Tau-b de Kendall	,647	,062	10,067	,000
	Tau-c de Kendall	,528	,035	10,067	,000
Number of valid cases		201			

Table 4 shows a p value = 0.00 < 0.05, so we proceed to reject the H<sub>0</sub> and accept the H<sub>1</sub>, also a coefficient Tau-b of Kendall = 0.647, so it is concluded that there is a significant, direct and moderate relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

**SPECIFIC HYPOTHESIS 2**

**Table 5**  
*Test result of hypotheses of symmetric measurements*

		Value	Asymptotic standard error <sup>a</sup>	Approximate T <sup>b</sup>	Approximate significance
Ordinal by ordinal	Tau-b de Kendall	,659	,068	12,741	,000
	Tau-c de Kendall	,585	,027	12,741	,000
Number of valid cases		201			

Table 5 shows a p value = 0.00 < 0.05, so we proceed to reject the H<sub>0</sub> and accept the H<sub>1</sub>, also a coefficient Tau-c of Kendall = 0.585, so it is concluded that there is a significant, direct and moderate relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.



**Table 6**  
*Normality tests*

	Kolmogorov-Smirnov <sup>a</sup>		
	Statistical	Gl	Itself.
Marketing digital	,074	201	,001
Content Marketing	,140	201	,000
Marketing social media	,096	201	,000
Customer acquisition	,118	201	,000
Meeting expectations	,167	201	,000
Communication with the client	,148	201	,000

Table 6 shows the p value data, all < 0.05, so we proceed to reject H<sub>0</sub> and accept H<sub>1</sub>, concluding that the data do not have normal distribution, so a non-parametric test must be applied.

**Table 7**  
*Spearman's Rho General Hypothesis Test Result*

			Customer acquisition
Rho de Spearman	Marketing digital	Correlation coefficient	,770
		Sig. (bilateral)	,000
		N	201

Table 7 shows a p value = 0.00 < 0.05, so we proceed to reject the H<sub>0</sub> and accept the H<sub>1</sub>, also a coefficient Rho de Spearman = 0.770, so it concludes that there is a significant, direct and high relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

**Table 8**  
*Spearman's Rho Specific Hypothesis Test Result*

			Customer acquisition
Rho de Spearman	Content Marketing	Correlation coefficient	,622
		Sig. (bilateral)	,000
		N	201

Table 8 shows a p value = 0.00 < 0.05, so we proceed to reject the H<sub>0</sub> and accept the H<sub>1</sub>, also a coefficient Rho de Spearman = 0.622, so it concludes that there is a significant, direct and moderate relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

**Table 9**  
*Spearman's Rho Specific Hypothesis Test Result 2*

			Customer acquisition
Rho de Spearman	Marketing social media	Correlation coefficient	,673
		Sig. (bilateral)	,000
		N	201

Table 9 shows a p value = 0.00 < 0.05, so we proceed to reject the H<sub>0</sub> and accept the H<sub>1</sub>, also a coefficient Rho de Spearman = 0.673, so it concludes that there is a significant, direct and



moderate relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022.

## V. DISCUSSION

The general objective of the study was to determine the relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, during the period 2022; in the research was determined a coefficient Rho of Spearman = 0.770, in which there was a significant, direct and high relationship between both variables of study, partiendo of this we can mention that this research came to determine that there is significant, direct and high relationship between digital marketing and customer acquisition of the study company. Result similar to the study conducted by Pizarro (2022) who conducted research on digital marketing and customer acquisition in restaurants in Ica, the sample was 70 employees of the study company, resulting in a Spearman's Rho correlation value of 0.688, who concluded that there is a significant direct relationship between digital marketing and customer acquisition in restaurants in Ica, from this we can mention that this research showed that digital marketing has a significant direct relationship with attracting customers from restaurants in Ica.

The first specific objective of this study was to end the level of relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; obtaining a Spearman's Rho coefficient = 0.622, in which there was a significant, direct and moderate relationship between both study variables, from this we can mention that this research came to determine that there is a significant, direct and moderate relationship between content marketing and customer acquisition of the study company. Result similar to the study conducted by Hernández (2019) on digital marketing and customer acquisition in a legal office in Callao, which had a sample of 80 workers of the study organization, resulting in a Spearman's Rho correlation value of 0.759, who concluded that there is a significant direct relationship between digital marketing and customer acquisition in a legal study in Callao, from this we can mention that this research showed that digital marketing has a significant direct relationship with attracting customers from a law firm in Callao.

Likewise, the second specific objective of this study was to determine the level of relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; obtaining a coefficient Rho of Spearman = 0.673, in which there was a significant, direct and moderate relationship between both study variables, from this we can mention that this research came to determine that there is a significant, direct and moderate relationship between social media marketing and customer acquisition of the study company. Result similar to the study carried out by Elera (2020) who conducted a research on digital marketing to attract customers in a metal company in the city of Motupe, Lambayeque, considering that this research was developed with a sample made up of 151 clientes of the study company, finding as a result through a Pearson's correlation coefficient that digital marketing affects 86.6% with customer acquisition, from this we can mention that this research showed that digital marketing has a significant impact on the capture of consumers of a study company.

Setkute and Dibb (2022) mentioned that theories regarding digital marketing had their first events between the years of 1990 and the year of 1994 through the launch of Archie, which was at that time the first information search engine. Daud et al. (2022) mentioned that at the end of the twentieth century, blogging was born as digital marketing, and after five years have the existence of more than fifty million blogs. Adaviruku et al. (2021) mentioned that by the years 2003 social media such as Facebook, MySpace and LinkedIn emerged, and in 2005 Google search engines began to establish a more personalized platform. Digital marketing is the use of digital tools to offer services or products to a certain population (Nuseir and Refae, 2022), considering the predispositions and tendencies of acting and feeling of customers (Goldman et al, 2021), adapting the elements and particularities of digital marketing in the use of novel virtual mechanisms (Kalugina and Ryapukhin, 2021), in this way it will be possible to identify the most effective and

efficient way to reproduce a value to customers so that they can perceive the products through digital tools (Lazo et al., 2021).

Digital marketing are the activities carried out using content marketing and social media marketing, with the purpose of offering a certain service or product (Busca and Bertrandias, 2020). The first dimension of digital marketing is content marketing, as it is a method aimed at attracting customers through various digital media; while the second dimension is social media marketing because it is a social media positioning strategy using digital channels to attract customers. Makrides et al. (2020) argued that theoretical models of digital marketing have evolved according to consumer requirements and the context of the company. Rahim et al. (2020) mentioned that digital marketing had as a theoretical model the four Fs established by four dimensions that are flow, feedback, loyalty and functionality. Soedarsono et al. (2020) referred to network theory as a theoretical model of digital marketing, where the relationships between people are strategically analyzed to know the patterns that develop within society and make better business decisions. Rosokhata et al. (2020) argued that digital marketing had as a theory the collective intelligence of the Internet phenomenon, pointing out that the use of the Internet helps to attract consumers and integrate for business advertising campaigns.

Meire et al. (2017) mentioned that customer acquisition had its beginnings in 1922 through the launch of the first advertisements made on a New York radio station for commercial purposes. Soedarsono et al. (2020) mentioned that consumer acquisition in 2011 was done through social media, being the case that in 2012 social media was used as a channel for customer acquisition. Customer acquisition is the procedure which new customers are incorporated into a certain company (Fariás and Orihuela, 2020), in order for these customers to achieve their satisfaction by buying new products and / or services offered by a company (Apaza, 2019), in addition the purpose of attracting new customers is that they become a source of utility for the company (Vicente and Cano, 2022). Customer acquisition involves converting potential customers into real customers of a company and who are willing to make the purchases offered by it (Oré and Vicente, 2021), for which various communication channels will be used establishing alliances with partners and creating new production lines considering the requirements of consumers (Kumar and Kumar, 2019).

Oklander et al. (2018) They mentioned that the theoretical models of customer acquisition are made by satisfaction, creativity, benefits, selection, promotion and information. Rahim et al. (2020) mentioned that the theoretical model on which customer acquisition is based are the stimuli, learning, experience in the satisfaction behaviors that customers have after making the acquisition of a finished product. The strengths of the methodology used in this study was that it was developed through a solid methodology of quantitative approach, in that context Hernández and Mendoza (2018) argued that an investigation with a quantitative approach is probative and sequential, where each stage precedes the next without being able to avoid steps. For their part, Jonsson and Nyberg (2022) mentioned that quantitative research is associated with statistics. While Yousuf and Zainal (2020) mentioned that quantitative investigations offer possibilities for broader results based on magnitudes. Likewise, the study that was developed was of a basic methodology, in that sense Shi et al. (2022) mentioned that basic research is responsible for producing theories and knowledge, and that this research provided knowledge about the existing relationship between digital marketing and consumer acquisition.

## VI. CONCLUSIONS

Regarding the general objective, this research determined the level of relationship between digital marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; with a Spearman's Rho coefficient = 0.770 as evidenced in Table 7, concluding that there is a significant, direct and high relationship between digital marketing and customer acquisition of the study company. In relation to the first specific objective, this research determined the level of relationship between content marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; with a Spearman's Rho coefficient = 0.622 as

evidenced in Table 8, concluding that there is a significant, direct and moderate relationship between content marketing and customer acquisition of the study company. While in the second the specific objective, this research determined the level of relationship between social media marketing and customer acquisition in the company Agroindustrias Dane S.R.L., Tarapoto, 2022; with a Spearman's Rho coefficient = 0.673 as evidenced in Table 9, concluding that there is a significant, direct and moderate relationship between social media marketing and customer acquisition of the study company.

#### REFERENCES

- [1] Adaviruku, D., Mumtaz, T., & Javed, M. (2021). Enhancing digital marketing performance through usage intention of ai-powered websites. *IAES International Journal of Artificial Intelligence*, 10(4), 810-817. <https://doi.org/10.11591/ijai.v10.i4.pp810-817>
- [2] Alshaketheep, K. M. K. I., Salah, A. A., Alomari, K. M., Khaled, A. S. D., & Jay, A. A. A. (2020). Digital marketing during COVID 19: Consumer's perspective. *WSEAS Transactions on Business and Economics*, 17, 831-841. <https://doi.org/10.37394/23207.2020.17.81>
- [3] Apaza, J. C. (2019). The new professional profiles in the area of digital marketing. *Life & History*, 5(2), 65-76. <https://doi.org/10.33326/26176041.2018.8.766>
- [4] Badu, E., O'brien, A. P., & Mitchell, R. (2019). An integrative review on methodological considerations in mental health research - design, sampling, data collection procedure and quality assurance. *Archives of Public Health*, 77(1), 1-15. <https://doi.org/10.1186/s13690-019-0363-z>
- [5] Barrera, G. I. (2021). Digital marketing plan to increase the influx of national visitors in the province of Ferreñafe - Lambayeque. *Horizonte Empresarial Magazine*, 657-666. <https://doi.org/https://doi.org/10.26495/rce.v8i2.2029>
- [6] Bravo, A. J. (2021). Impact of digital marketing on SMEs of the commercial emporium Gamarra - Lima 2019 -2020. *Revista Científica Horizonte Empresarial*, 238-248. <https://doi.org/10.26495/rce.v8i1.1626>
- [7] Busca, L., & Bertrandias, L. (2020). A Framework for Digital Marketing Research: Investigating the Four Cultural Eras of Digital Marketing. *Journal of Interactive Marketing*, 49, 1-19. <https://doi.org/10.1016/j.intmar.2019.08.002>
- [8] Casteel, A., & Bridier, N. L. (2021). Describing populations and samples in doctoral student research. *International Journal of Doctoral Studies*, 16, 339-362. <https://doi.org/10.28945/4766>
- [9] Chinakidzwa, M., & Phiri, M. (2020). Impact of digital marketing capabilities on market performance of small to medium enterprise agro-processors in Harare, Zimbabwe. *Business: Theory and Practice*, 21(2), 746-757. <https://doi.org/10.3846/btp.2020.12149>
- [10] Daud, I., Nurjannah, D., Mohyi, A., Ambarwati, T., Cahyono, Y., Haryoko, A. D. E., Handoko, A. L., Putra, R. S., Wijoyo, H., Ari-Yanto, A., Ari-Yanto, A., & Jihadi, M. (2022). The effect of digital marketing, digital finance and digital payment on finance performance of indonesian smes. *International Journal of Data and Network Science*, 6(1), 37-44. <https://doi.org/10.5267/J.IJDNS.2021.10.006>
- [11] De Vries, L., Gensler, S., & Leeflang, P. S. H. (2017). Effects of traditional advertising and social messages on brand-building metrics and customer acquisition. *Journal of Marketing*, 81(5), 1-15. <https://doi.org/10.1509/jm.15.0178>
- [12] Dwityas, N. A., Mulyana, A., Hesti, S., Briandana, R., & Kurniasari, P. M. (2020). Digital Marketing Communication Strategies: The Case of Indonesian News' Portals. *International Journal of Economics and Business Administration*, VIII(3), 307-316. <https://doi.org/10.35808/ijeba/517>
- [13] Ekaterina, K. (2019). A cross-sectional research on safety culture success factors: Experience of russia safety culture success factors. *International Journal of Recent Technology and Engineering*, 8(3), 4542-4549. <https://doi.org/10.35940/ijrte.C6822.098319>
- [14] Elera, H. T. (2020). *Digital marketing for customer acquisition in the metal construction*

- company Telvar, Motupe [César Vallejo University].  
<https://repositorio.ucv.edu.pe/handle/20.500.12692/48787>
- [15] Farías, N. D. R., & Orihuela, K. V. (2020). Marketing mix strategies for attracting customers in the company Servisalud Nort S.A.C., Chiclayo. *Revista Científica Horizonte Empresarial*, 135-144. <https://doi.org/https://doi.org/10.26495/rce.v7i2.1483>
- [16] Ghnatios, C., & Barasinski, A. (2021). A nonparametric probabilistic method to enhance PGD solutions with data-driven approach, application to the automated tape placement process. *Advanced Modeling and Simulation in Engineering Sciences*, 8(1), 1-13. <https://doi.org/10.1186/s40323-021-00205-5>
- [17] Goldman, S. P. K., van Herk, H., Verhagen, T., & Weltevreden, J. W. J. (2021). Strategic orientations and digital marketing tactics in cross-border e-commerce: Comparing developed and emerging markets. *International Small Business Journal: Researching Entrepreneurship*, 39(4), 350-371. <https://doi.org/10.1177/0266242620962658>
- [18] Gupta, P., Steward, M., Narus, J., & Seshadri, D. V. R. (2021). Pursuing Digital Marketing and Sales Transformation in an Emerging Market: Lessons from India's Tata Steel. *Vikalpa*, 46(4), 197-208. <https://doi.org/10.1177/02560909211054700>
- [19] Hagen, D., Risselada, A., Spierings, B., Weltevreden, J. W. J., & Atzema, O. (2022). Digital marketing activities by Dutch place management partnerships: A resource-based view. *Cities*, 123. <https://doi.org/10.1016/j.cities.2021.103548>
- [20] Hashim, A., Tahir, L. M., Borhandden Musah, M., Atan, N. A., Nisrin, S., Anis, M., Musah, M. B., & Atan, A. (2020). Application of rasch analysis in measuring teacher collegial supervisory instrument's reliability and validity. *Universal Journal of Educational Research*, 8(11), 6-14. <https://doi.org/10.13189/ujer.2020.082302>
- [21] Herhausen, D., Miočević, D., Morgan, R. E., & Kleijnen, M. H. P. (2020). The digital marketing capabilities gap. *Industrial Marketing Management*, 90, 276-290. <https://doi.org/10.1016/j.indmarman.2020.07.022>
- [22] Hernandez, C. G. (2019). *Digital marketing and customer acquisition in the law firm Iustitia Legalis S.A.C., Callao, 2019* [César Vallejo University]. <https://repositorio.ucv.edu.pe/handle/20.500.12692/38412>
- [23] Hernández, R., & Mendoza, C. P. (2018). *Research methodology: routes: quantitative, qualitative and mixed*. <http://repositorio.uasb.edu.bo:8080/handle/54000/1292>
- [24] Jonsson, E. N., & Nyberg, J. (2022). A quantitative approach to the choice of number of samples for percentile estimation in bootstrap and visual predictive check analyses. *CPT: Pharmacometrics & Systems Pharmacology*, 1, 1-14. <https://doi.org/10.1002/PSP4.12790>
- [25] Kalugina, G. A., & Ryapukhin, A. V. (2021). Methods of digital marketing positioning in the global civil passenger aircraft market. *Business Informatics*, 15(4), 36-49. <https://doi.org/10.17323/2587-814X.2021.4.36.49>
- [26] Kumar, G. A., & Kumar, A. R. (2019). Employing gamification methods to increase customer engagement in digital marketing. *International Journal of Recent Technology and Engineerin*, 8(2), 869-872. <https://doi.org/10.35940/ijrte.B1366.0882S819>
- [27] Lazo, M., Cueva, L., & Andrade, L. (2021). e-Business Model to Optimise Sales through Digital Marketing in a Peruvian Company. *International Journal of Advanced Computer Science and Applications*, 12(11), 739-748. <https://doi.org/10.14569/IJACSA.2021.0121184>
- [28] Ma, Y., & Wan, Y. (2021). Data analysis method of intelligent analysis platform for big data of film and television. *Complexity*, 2021(1), 1-10. <https://doi.org/10.1155/2021/9947832>
- [29] Makrides, A., Vrontis, D., & Christofi, M. (2020). The Gold Rush of Digital Marketing: Assessing Prospects of Building Brand Awareness Overseas. *Business Perspectives and Research*, 8(1), 4-20. <https://doi.org/10.1177/2278533719860016>
- [30] Meire, M., Ballings, M., & Den, D. V. (2017). The added value of social media data in B2B customer acquisition systems: A real-life experiment. *Decision Support Systems*, 104, 26-37. <https://doi.org/10.1016/j.dss.2017.09.010>
- [31] Noerlina, & Mursitama, T. N. (2022). The Role of Digital Marketing in Engaging SMEs and

- Education Institution in Emerging Economy. *WSEAS Transactions on Business and Economics*, 19, 660-665. <https://doi.org/10.37394/23207.2022.19.58>
- [32] Novins, D. K., Althoff, R. R., Billingsley, M. K., Cortese, S., Drury, S. S., Frazier, J. A., Henderson, S. W., McCauley, E. A., & White, T. J. H. (2018). Study registration: Encouraging the practice of hypothetical-deductive research in the journal. *Journal of the American Academy of Child and Adolescent Psychiatry*, 57(12), 901-902. <https://doi.org/10.1016/j.jaac.2018.10.004>
- [33] Novytska, I., Chychkalo-Kondratska, I., Chyzhevska, M., Sydorenko-Melnyk, H., & Tytarenko, L. (2021). Digital marketing in the system of promotion of organic products. *WSEAS Transactions on Business and Economics*, 18, 524-530. <https://doi.org/10.37394/23207.2021.18.53>
- [34] Nuseir, M., & Refae, G. E. (2022). The effect of digital marketing capabilities on business performance enhancement: Mediating the role of customer relationship management (CRM). *International Journal of Data and Network Science*, 6(2), 295-304. <https://doi.org/10.5267/j.ijdns.2022.1.008>
- [35] Oklander, M., Oklander, T., Yashkina, O., Pedko, I., & Chaikovska, M. (2018). Analysis of technological innovations in digital marketing. *Eastern-European Journal of Enterprise Technologie*, 5(3), 80-91. <https://doi.org/10.15587/1729-4061.2018.143956>
- [36] Ordoñez, T., & Vives, C. A. (2021). Digital marketing and increased sales in the company NPC Servicios Generales, Chiclayo. *Revista Científica Horizonte Empresarial*, 702-708. <https://doi.org/https://doi.org/10.26495/rce.v8i2.2033>
- [37] Oré, S., & Vicente, W. (2021). The effect of digital marketing on customer relationship management in the education sector: Peruvian case. *Uncertain Supply Chain Management*, 9(3), 549-554. <https://doi.org/10.5267/j.uscm.2021.6.007>
- [38] Pizarro, G. R. (2022). *Digital marketing and customer acquisition in restaurants in Huacachina in Ica, 2021*. <https://repositorio.ucv.edu.pe/handle/20.500.12692/90880>
- [39] Pollák, F., & Markovič, P. (2021). Size of business unit as a factor influencing adoption of digital marketing: Empirical analysis of SMEs operating in the central European market. *Administrative Sciences*, 11(3). <https://doi.org/10.3390/admsci11030071>
- [40] Rahim, H. A., Ibrahim, S., Kamaruddin, S. A. A., Ghani, N. A. M., & Musirin, I. (2020). Exploration on digital marketing as business strategy model among Malaysian entrepreneurs via neurocomputing. *IAES International Journal of Artificial Intelligence (IJ-AI)*, 9(1), 18-24. <https://doi.org/10.11591/ijai.v9.i1.pp18-24>
- [41] Rashid, S. M. R. A., Hassan, F., Sharif, N. M., Rahman, A. A., & Mahamud, M. A. (2021). The role of digital marketing in assisting small rural entrepreneurs amidst Covid-19 movement control order (MCO): A case study in Peninsular Malaysia. *Academic Journal of Interdisciplinary Studies*, 10(4), 70-80. <https://doi.org/10.36941/AJIS-2021-0099>
- [42] Rosokhata, A., Rybina, O., Derykolenko, A., & Makerska, V. (2020). Improving the Classification of Digital Marketing Tools for the Industrial Goods Promotion in the Globalization Context. *Journal Sciedu Press*, 11(4), 42-52. <https://doi.org/10.5430/rwe.v11n4p42>
- [43] Rozali, M. Z., Puteh, S., Nur, F. A., Hidayah, N., & Mohd, H. F. (2022). Reliability and validity of instrument on academic enhancement support for student-athlete using rasch measurement model. *Asian Journal of University Education*, 18(1), 290-299. <https://doi.org/10.24191/ajue.v18i1.17199>
- [44] Setkute, J., & Dibb, S. (2022). "Old boys" club": Barriers to digital marketing in small B2B firms." *Industrial Marketing Management*, 102, 266-279. <https://doi.org/10.1016/J.INDMARMAN.2022.01.022>
- [45] Shi, Y., Wang, D., & Zhang, Z. (2022). Categorical evaluation of scientific research efficiency in chinese universities: Basic and applied research. *Sustainability (Switzerland)*, 14(8), 1-16. <https://doi.org/10.3390/su14084402>
- [46] Silva, L. S., & Ramos, E. V. (2019). Digital marketing strategy to improve the recruitment of



- students in the School of Management, virtual modality, Universidad Señor de Sipán, Peru. *Scientific Journal Epistemia*, 1-11. <https://doi.org/https://doi.org/10.26495/re.v1i1.1042>
- [47] Soedarsono, D. K., Mohamad, B., Abbas Adamu, A., & Aline Pradita, K. (2020). Managing Digital Marketing Communication of Coffee Shop Using Instagram. *International Journal of Interactive Mobile Technologies*, 14(5), 108-118. <https://doi.org/10.3991/ijim.v14i05.13351>
- [48] Suyón, R. G. (2019). Digital marketing plan to expand the fundraising of the SOS Chiclayo children's village. *Scientific Journal Epistemia*, 1-10. <https://doi.org/https://doi.org/10.26495/re.v1i1.1037>
- [49] Tavakol, M., & Pinner, G. (2019). Using the many-facet rasch model to analyse and evaluate the quality of objective structured clinical examination: A non-experimental cross-sectional design. *BMJ Open*, 9(9), 1-9. <https://doi.org/10.1136/bmjopen-2019-029208>
- [50] Vicente, W., & Cano, L. M. (2022). The effect of digital marketing on the management of relationships with university students in times of covid-19. *International Journal of Data and Network Science*, 6(1), 59-66. <https://doi.org/10.5267/J.IJDNS.2021.10.004>
- [51] Wang, Y. R., Chang, S. H., Ma, X. M., Li, J. Y., Zhang, R. X., & Fang, J. Q. (2021). Correlational research on facial and clinical characteristics of adolescents with obsessive-compulsive disorder. *BMC Psychiatry*, 21(1), 1-8. <https://doi.org/10.1186/s12888-021-03612-5>
- [52] Yousuf, H., & Zainal, A. Y. (2020). Quantitative approach in enhancing decision making through big data as an advanced technology. *Advances in Science, Technology and Engineering Systems*, 5(5), 109-116. <https://doi.org/10.25046/aj050515>