

BRAND TRUST AND BRAND LOYALTY ON SOCIAL MEDIA MARKETING ACTIVITIES AND CUSTOMER PURCHASE INTENTION

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Abstract. Technological advancement continues to revolutionize marketing practices, transcending traditional limitations and redefining how value is created and communicated. The emergence of social media has fundamentally transformed the marketing landscape, fostering an interactive ecosystem where businesses and consumers engage dynamically through digital intelligence platforms. Within this context, social media functions not merely as a communication tool but as a strategic medium that enhances brand visibility, consumer engagement, and data-driven decision-making. This study investigates consumer purchase intention and readiness shaped by social media content sharing among users in the Klang Valley, Malaysia. Grounded in two well-established theoretical frameworks, the Unified Theory of Acceptance and Use of Technology (UTAUT) and the Theory of Planned Behaviour (TPB): the research examines the mechanisms through which social media marketing activities influence consumer decision-making processes. A total of 208 respondents, comprising active social media users within the medical aesthetic treatment and services sector, participated in the survey. The empirical findings reveal that social media marketing activities significantly enhance consumers' intention to purchase, mediated by brand trust and brand loyalty. Both constructs serve as critical psychological drivers that reinforce consumers' confidence and attachment toward brands, thereby amplifying their purchasing propensity. The results underscore that brand trust and loyalty are not mere by-products of exposure but essential relational assets cultivated through consistent and authentic digital engagement. Overall, this study contributes to the growing body of knowledge on digital consumer behavior by elucidating how social media marketing strategies cultivate purchase intention through the interplay of trust, loyalty, and perceived social influence. The findings offer theoretical and practical implications for marketers seeking to leverage social media as an intelligent, data-centric channel for sustainable consumer relationship management in the digital economy.

Keywords: *digital marketing engagement, perceived brand credibility, affective brand commitment, behavioral intention to purchase*

Introduction

Technology has reached every aspects of our lives, both individually and collectively, including real world and virtual world. The proliferation of social media marketing (SMM) is a direct result of the rapid development of digital technologies, such as smartphones, smart devices, the Internet of Things (IoT), artificial intelligence (AI), and apps which has an impact on the revolution in consumer purchasing and the reshaping of future marketing strategy. Mobile business provides additional value components to customers compared to traditional or electronic commerce, which could

also affect consumers' online purchase intentions (Dastane et al., 2020). As the global usage of internet and mobile devices continues to grow at exponential rate, businesses can reap the benefits from the advancement of digital technology by marketing their goods and services to a wide spectrum of global audience in an efficient, cost effective and stylish fashion to create brand awareness, attract new customers, and increase sales. The proliferation of internet and smart phone penetration rate has contributed to the popularity of social media marketing as various content can be created online to increase the online consumption and interaction among a large pool of online community. The use of social media is arguably the most effective marketing tool in today's modern business.

Today, social media has become an integral part of our daily lives. Our lives have been greatly influenced in many aspects and it reshapes communication channel (Bilgin, 2018). Social media marketing or commonly known as SMM, is a modern marketing strategy used by businesses around the world to promote their offerings in a fast and effective manner. It has become increasingly important for businesses in Malaysia to adopt SMM as part of their marketing strategies since 28 million or almost 88% of its entire population are social media users. Bilgin (2018) in their pioneer research on luxurious brands which classified SMMA into five dimensions namely entertainment, interaction, trendiness, customization, and word of mouth as the more prevalent model among researchers as it offers comprehensive explanations. Modern marketers use social media platforms like Facebook, YouTube, TikTok, Instagram, Twitter and Pinterest to engage with their customers. This includes creating specific content about their brands, interacting and listening to their customers and fans on social media pages. This was something not achievable in the past when marketing activities were mainly confined to traditional marketing medium like newsprints, television, radio and billboards (Aji et al., 2020). One example is people have become more open in sharing their consumption behavior such as brand preferences, product reviews, and their personal opinions and experiences about a brand with other social media users (Aji et al., 2020).

The fact that individuals and businesses can communicate on social media, and different companies can advertise and market their products and services to expand their market share makes social media important to businesses. It is a great instrument for economic growth since it allows for two-way communication and low-cost marketing to gather information, interact, and build relationships with the consumers. Companies looking to increase their customers' purchase intention and brand loyalty would embrace digital marketing which focuses on social media platforms to achieve the desired results. The medical aesthetic industry is overcrowded with many new non-core specialists entering the market offering non-surgical treatments. Facing the fierce competition in today's business environment, the use of SMMA is crucial for businesses to gain market share because SMMA can raise brand equity which encompasses brand awareness, brand image, and brand loyalty (Bilgin, 2018; Laksamana, 2018). Previous research further added that positive brand equity will lead to widespread positive word of mouth and purchase intention. A research studied the effects of SMMA on buying intention concluded that entertainment and word of mouth influence purchase intention, however, the influence on purchase intention can be amplified by trust and brand image. On the contrary, Kristina and Sugiarto (2020) studied on how trust mediates in the effects of SMM and word-of-mouth in the electronic form on purchase intention found

that SMMA has no direct positive impact on buying intention. However, they do have a major effect on trust which leads to substantial and positive impact on buying intention.

Accordingly, Malaysia had an active social network penetration rate of 91.7% and ranked second highest in the world as of January 2022 which was above the global average rate of 58.4%. Businesses risk to lose out to competition if they fail to utilize SMM and create social ads on platforms like Facebook, Instagram, Twitter, Tik Tok, YouTube etc to reach out to target audiences based on specific interest (Beqiri and Bello, 2021). There are variations in the relationship between the significance of social media and the perceived efficacy of SMM across business models. Certain business groups believe that social media is less effective overall as a channel and is less crucial for relationship-oriented usage than other businesses. Measuring the success and marketing performance and financial returns from SMM is challenging because SMM is an interpersonal and interactive type of communication, as opposed to traditional marketing, which is based on linear communication therefore this makes businesses difficult to make SMM investment decision. Understanding how SMMA influence customer purchase intention and mediate brand trust and the effectiveness of each of the SMMA's dimension is crucial for businesses to make the right marketing strategy and achieve positive results from their SMMA. In recent years more, aesthetic establishments are promoting their services on social media platforms but not everyone is successful because many are adopting a narrow focus on the usage of social media, mainly establishing it as a tool that businesses utilize for branding (Kim et al., 2019). The impact of SMM on consumer purchase intentions had been investigated in prior studies. There is some literature on the impact of SMM on consumer behavior and perception on beauty products and general medical treatment supports this claim.

Review of literature

According to Hanaysha (2022) has reintroduced two theories that explained the linkages between social media marketing and intention to purchase: The Unified Theory of Acceptance and Use of Technology (UTAUT) and theory of Planned Behavior. The main tenet of the UTAUT states that the acceptability and use of information technologies has sparked by the realization that the level of individual acceptance is a key factor in the success of information technology applications. Previous study show that first put forth technology Acceptance Model and the Unified Theory of Acceptance and Use of Technology (UTAUT), to examine various aspects of new technology acceptance stands out as the most current popular theory that has been widely used and applied to determine the factors that influence how customers accept and use technology in various settings. Arfi et al. (2021) claimed that UTAUT model has successfully unified the literature on technology adoption. Social media has been regarded as a significant component of information technology to businesses when consumers have a high level of trust for firms that advertise on social media platforms, they are more likely to buy their products. Today, brands can easily connect with consumers and contact them through a variety of social media platforms in order to market their products and cultivate favourable perceptions of themselves among consumers. Social media knowledge typically spreads swiftly among users and reduces risks in purchase. As a result, the factors that likely increase the brand trust and loyalty of the customers, it is thus explicit from this theory that the more a person perceives the usefulness of social media communication technologies, the more likely the individual will be to adopt these

technologies, hence increases the brand loyalty of the customers and eventually increases the purchase intention over time.

Theory of Planned Behavior (TPB) links beliefs to behavior. Beside the technology acceptance factor, the behavioral factors are equally important for customer purchase intentions (Khadim et al., 2018). According to the theory, an individual's behavioral intentions are shaped by three fundamental factors: attitude, subjective norms, and perceived behavioral control (Ajzen, 1991). This is because the degree to which behavioral intention and actual behavior are connected depends heavily on attitudes and subjective norms. Based on their behavioral beliefs, an individual generates a favorable or unfavourable attitude toward a behavior, sees subjective norms about the behavior based on their normative beliefs, and measures perceived behavioral control based on their control beliefs. Attitude, subjective norm, and perceived behavioral control have an influence on behavioral intent. Since behavioral intent reflects how much effort a person is willing to put forth while executing a behavior, it was used to predict actual behavior. The stronger the intention to conduct the behavior, the more likely it is to be carried out. A study reveals that the more peers are perceived to support the behavior (subjective norms), the greater the individual's perception of their freedom to engage or not to engage with the SMMA (perceived behavioural control), and the stronger the intent to engage with SMMA (behavioral intent), which in turn has increased the actual performance of the behavior to purchase among social media users.

Regardless of the hypotheses, various studies have been conducted, such as social media marketing (SMM) has proven that adequate information and social media trends' is a major reason for most successful businesses. One of the most widely used classifications of SMMA is none other than the Kim & Ko's SMMA models. The five dimensions of the model used to characterize SMMA for businesses are entertainment, interaction, trendiness, customization, and word-of-mouth (WOM). A prior study indicates that customers can dedicate operant (e.g., knowledge) and operand (e.g., equipment) resources while interacting with enterprises where customer-to-customer contacts are particularly important, especially for higher-level engagement behaviors that allows consumer to reach their purchase' intention. Furthermore, with various platforms, which include blogs, microblogs, email, and social networking sites, social media is a potent part of an integrated marketing channel. It offers several advantages to both marketers and consumers in order to reach social goals for branding and marketing communication. Social media has evolved into a different form of communication that provides harmonious support to existing relationships and activities, which can improve the user experience. Bilgin (2018) asserted that social media is important to businesses because of two key reasons. First, SMM creates impact to users of the products and brands and the share they create will have greater impact on other consumers. Many businesses encourage their customers to share and like-chick their purchases and experience through online interactions. However, businesses should make social media their core marketing strategy due to the popularity of social media in today's society. In addition, marketers should take to social media marketing activities to lower their marketing costs and monitor competitors activities.

The idea of brand trust is founded on the perspective of a brand-consumer interaction in the branding literature. In the most recent branding literature, there are a number of notions for brand trust (Liu et al., 2019). Past study defined trust as a consumers' belief in the value and dependability of the products the seller is providing. Based on a study, brand trust was defined as the clients' willingness to rely on the brand's sense of

propriety to achieve its stated aim. Similar to this, brand trust is an expression of faith, and connecting with a brand depends on having faith that it will remain dependable and please customers (Delgado-Ballester and Luis Munuera-Alemán, 2005). According to Chinomona and Maziriri (2017) found that customers who have trust in a brand will engage in repetitive purchase behavior, which leads to commitment to the brand and the establishment of a relationship between the brand and the customer. This argument supported by Puspaningrum (2020) who indicates that customers' loyalty to a brand is aided by a high level of brand trust. Moreover, customer trust in a brand (brand trust) is based on consumer confidence in the product's ability to deliver the promised value (brand intention), which is based on consumer confidence in the brand's ability to prioritize consumer interests. Therefore, customers that have trust in a brand will engage in repetitive purchase behavior, which leads to commitment to the brand and the establishment of a relationship between the brand and the customer. It is a very important element in the seller-buyer relationship because it has a positive significant effect on the basis for consumers to consider purchasing a product and service offered by the seller (Kristina and Sugiarto, 2020). Nevertheless, in some contradictory findings, for example, Manzoor et al. (2020) found that SMM exerts more influence than trust on customers' purchase intention. Kim et al. (2019) has argued that brand trust is a crucial element in defining a person's attitude toward an organization. Therefore, this must be viewed as a key to company success by managers. Based on the study, brand trust has a favorable impact on purchasing decisions and its become a major factor in influencing consumer behavior. Moreover, trust helps to some extent make the connection between dynamic involvement and engagement which lead to positive sentiments toward social commerce and in turn can influence the consumers' intention to make purchases (Vohra and Bhardwaj, 2019; Bianchi et al., 2017). Thus, the hypotheses related to brand trust for this study as below:

H1: SMMA has a significant positive impact on brand trust.

H4: Brand trust as a mediator has a positive significant relationship between SMMA and customer purchase intention.

Next, the study by Afif et al. (2015) defined brand loyalty as a firm commitment to repurchase or popularise goods or services that are consistently liked in the future (Afif et al., 2015). In addition, the study provided a similar definition, stating that brand loyalty refers to the likelihood that a customer may switch to a different brand, particularly if the brand undergoes a price or feature shift. Another study by Ceyhan (2019) discovered that brand loyalty has a big impact on consumers' purchasing intentions. In the nutshell, the customer's contributions to the brand such as their positive word-of-mouth and support of the brand, the consumer also displays certain behavioral patterns, such as the intention to purchase or repurchase the brand in the future, a reduced sensitivity to price change, and brand identification. Study by Machado et al. (2019) discovered social media has given brands numerous significant opportunities to add value, deliver engaging and timely information, ensure co-creation with customers, and inspire people to come up with new concepts. Furthermore, brand communities, made up of brand-loyal customers, provide new channels for interaction between companies and their clients. Thus, applications used by customers both online and offline have become more valuable as firms seek to communicate with their devoted customers, change brand community members' impressions of the brand, share

information, and collect information from them. Even though there are situational influences and marketing initiatives that have the potential to cause behavioral shifts in marketing activities. Even, a study discovered that social media involvement has a favorable impact on the brand experience of customers, which in turn can lead to brand loyalty. Its explained that benefits of social networks have a beneficial effect on customer social interaction and increase the awareness about the brand qualities and brand reliability towards the brands. Brand loyalty in the social media context is to provide enormous benefits to businesses to allow for value added, delivery engagement and timely information to ensure co-creation with their customers, which in turn can create consumer purchase intention towards their behavioral patterns, consumer loyalty and reduced sensitivity to price change and brand identification (Machado et al., 2019). This study has concluded the hypotheses for brand loyalty as below:

H2: SMMA has a significant positive impact on brand loyalty.

H5: Brand loyalty as a mediator has a positive significant relationship between SMMA and customer purchase intention.

Furthermore, this study has discovered that the intention to buy is a combination of client interests and the ability to purchase a thing. It is linked to customer behavior, beliefs, and attitudes that aid in accessing and assessing products. It can also be characterized as a combination of client interest and product purchase potential where consumer has an intention to purchase for a good or service, identifies the purchase effort. One's intention to make a purchase is stimulated by an upbeat and positive attitude about a good or service. Accordingly, several factors, including the location of the store, the range of brands sold, and also meeting some fundamental necessities in accordance with consumers' demands in a better method, contribute to the purchase intention. Purchase intentions, depend on a number of variables, such as the cues that lead consumers to add a product or brand to their list of considerations. Past study supported the argument prior to making a purchasing decision, consumers will first identify the product they want to buy and then further research and analyze it. Even though numerous researches has been conducted, the conclusions of this link remain contentious in a different study. Prior to empirical studies, indicates that it might be challenging to pinpoint and monitor whether a specific activity (such a purchase or advice) occurred. Consumers would look for pertinent information prior to making purchases based on their personal experiences and the surrounding environment. Consumers begin to assess, think about, and compare products after gathering a given quantity of information, which leads to buying behavior. buy intention is frequently used to gauge consumers' behavioral intentions because purchase intention reflects consumers' subjective preferences for a good. A study noted that SMM significantly affects customer's intentions to make purchases and customer relationship have a large and advantageous impact on customers' buying intentions especially relates to brand equity. Thus, this study has turn with the hypothesis as of below:

H3: SMMA has a significant positive impact on purchase intention.

Materials and Methods

Data is collected from the Malaysian medical Aesthetic treatment and services industry who are actively using social media to make an online purchase. Only registered medical aesthetic clinics in Klang valley are targeted. The list of registered medical aesthetic clinics is taken from the Facebook, Instagram, Tiktok, Youtube and Twitter whose posting their advertisement in the social media platforms (*Figure 1*). In this study, an online survey as well as face to face questionnaire technique was used for data collection based on the cross-sectional approach. The data collected via primary source such as personal administered survey using the purposive sampling to examine the relationship between social media marketing activities and intention to purchase by having a brand trust and brand loyalty as role to persuade the intention to purchase the product or services. Data were collected from targeted group of 208 respondents among Malaysian who are social media users and actively using medical aesthetic treatment and services in Klang Valley. The 5-point Likert scale questionnaire were used to examine the variables constructed in this study, including social media marketing activities, brand trust, brand loyalty, and purchase intention. This study is regarded to use a structural model, in which the acquired data has been analyzed using the SPSS statistical software. Following a screening process, the final sample for this study consists of the users who are an active users of medical aesthetics treatments and services industry who are also actively using media social to make a purchase on medical aesthetic services. A descriptive statistic, exploratory factor analysis, and non-parametric correlation analysis on pooled set of data from 208 respondents were conducted to evaluate the association between social media marketing activities and purchase intention.

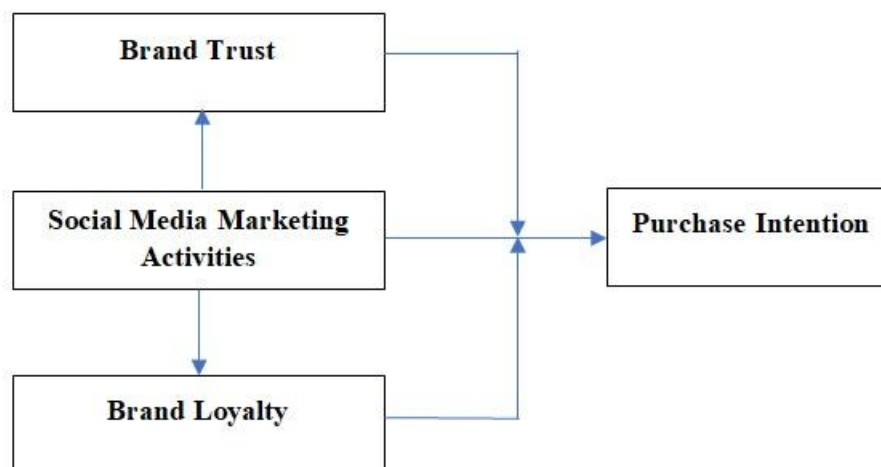


Figure 1. Conceptual framework on SMMA and purchase intention.

Results and Discussion

A total of 208 responses were gathered for this study (*Table 1*), whereby 57.7% of respondents were female and 42.3% were male. The majority of the respondents were aged 20 to 30 years at 44%, and 34% were 31 to 40 years, and representing Gen-Zs and millennials age bracket. It is noteworthy that most respondents are categorized under

marital status were single at 46.2% representing 96 respondents, 39.4% with 82 respondents were married and 14.4% were divorced about 30 respondents. Roughly 43.8% of the respondents are self-employed and 39.4% were full-time employed. Most respondent's experience using aesthetic is measured at frequent used with 63.9% for 1-2 times a month, 31.3% is using about 3 to 4 times a month and only 3.8% is using aesthetic for 5 to 8 times a month. The usage of the aesthetic has led to the purchase whereby 58.2% has bought the aesthetic in less than a month ago, 30.8% were bought within 1 to 3 months, 9.1% has represent 19 respondents has bought aesthetics within 4 to 6 months, and only 4 respondents at 1.9% were bought more than 6 months ago. Overall 77.4% of the respondents are using social media at all the time, 12.5% were using social media for 1 to 3 times per week, and 10.1% of the respondents were using social media for more than 4 to 6 times per week.

Table 1. Demographics analysis (N=208).

Variable	Category	Frequency	Valid Percent (%)	Cumulative Percent (%)
Gender	Male	88	42.3	42.3
	Female	120	57.7	100.0
Age	20-30	91	43.8	43.8
	31-40	70	33.7	77.4
	41-50	27	13.0	90.4
	Above 50	20	9.6	100.0
Marital Status	Single	96	46.2	46.2
	Married	82	39.4	85.6
	Divorced	30	14.4	100.0
Employment Status	Self-employed	91	43.8	43.8
	Employed (Full-time)	82	39.4	83.2
	Employed (Part-time)	25	12.0	95.2
	Unemployed	10	4.8	100.0
Frequency of Aesthetic Use (in a month)	1-2 times	133	63.9	63.9
	3-4 times	65	31.3	95.2
	5-6 times	8	3.8	99.0
	More than 6 times	2	1.0	100.0
Last Aesthetic Purchase	Less than a month ago	121	58.2	58.2
	Within 1-3 months	64	30.8	89.0
	Within 4-6 months	19	9.1	98.1
	More than 6 months ago	4	1.9	100.0
Social Media Use	All the time	161	77.4	77.4
	1-3 times per week	26	12.5	89.9
	4-6 times per week	21	10.1	100.0
	Rarely	0	0.0	-
	Never	0	0	-

Table 2 displays the descriptive statistics of the mean for each construct in the proposed research model. It can be observed that the means for each variable scored above 5.0, implying that most participants responded favourably to the questionnaire provided. Among all four variables, brand loyalty (BL) is proved to be a greatest influencer on purchase intention (PI) with the highest mean of 4.32, followed by purchase intention (PI) with an average 4.26, brand trust (BT) with a mean of 4.23 and lastly, the lowest mean out of the variables is social media marketing activity (SMMA) at 4.20. The average dispersion between each item and the mean is measured by the standard deviation, and it indicates how data are scattered around the mean. While a high standard deviation suggests that the data points are dispersed throughout a larger range of values, a low standard deviation suggests that the data points tend to be close to the data set's mean. According to Table 2, the standard deviation values of each variable scored 0.5 and above. To interpret, the values are closer to zero, demonstrating that it is near the mean, meaning that the data set is closely distributed.

Table 2. Descriptive statistical analysis.

Items	Mean	Std. Deviation	Variance	Skewness		Kurtosis	
				Statistic	Std. Error	Statistic	Std. Error
SMMA	4.196	0.510	0.354	-0.595	0.169	-0.757	0.336
BT	4.231	0.648	0.374	-0.807	0.169	-0.677	0.336
BL	4.322	0.504	0.372	-0.479	0.169	-0.638	0.336
PI	4.260	0.5248	0.439	-0.589	0.169	-0.520	0.336

Another measure of variability is the variance. Variance includes all the data points in its computations by comparing each value to the mean, as opposed to standard deviation. Variance illustrates the amount of variation that exists among the data set. The larger the variance, the higher the probability distribution will be. However, if the variance score is zero, it means that there is no variability in the sample. In *Table 2*, the variance for SMMA is the lowest at 0.354, followed by BT at 0.374, BL at 0.372, and the highest is PI at 0.439. The variance is quite close to zero which means that there is little variability but is expected for a questionnaire data set. The degree of symmetry in a variable's distribution is measured by skewness. A distribution is said to be skewed if the answers for a given variable go toward the right or left tails of the distribution. A higher proportion of bigger values is indicated by a negative skewness, and a higher proportion of smaller values is indicated by a positive skewness. A skewness value between -1 and +1 is often regarded as desirable, while a number between -2 and +2 is generally seen as considerably adequate. Values between -2 and +2 are regarded as signs of significant nonnormality. As observed from *Table 2*, the skewness for all variables is negative, which indicates that there are a lot of bigger values in the data set. Most respondents' answers are favourable as there are more high values recorded in the Likert scale answers, such as 2 and above, which would explain the negative skewness. The skewness also falls desirably between -1 and +1, the highest being BL at -0.479, followed by PI at -0.589, SMMA at -0.595, and the lowest by BT at -0.807. Kurtosis is a metric used to determine whether data are heavy-tailed or light-tailed concerning a normal distribution. A distribution that is more peaked than the standard implies a positive value for the kurtosis. On the other hand, a form that is flatter than usual suggests a negative kurtosis. Similar to the skewness, the general rule is that the distribution is excessively peaked if the kurtosis is more than +2. A too-flat distribution is also indicated by a kurtosis of less than 2. When skewness and kurtosis are both relatively low, the response pattern is regarded as having a normal distribution. Referring to *Table 2*, it can be noted that the kurtosis values fall between -1 and +1, with the highest being PI at -0.520, followed by BL -0.638, BT at 0.677, and the lowest being SMMA at -0.757. The negative kurtosis values suggest that the distribution is flat and not excessively peaked. Overall, the skewness and kurtosis of the data set in this research are considered to have a normal distribution due to their low values.

A reliability test is used to gauge how much confidence may be placed in the test outcomes. If the results are consistent over several measurements of the same topic, and the variables being measured on the subject have not changed, the results can be accepted. The Cronbach's Alpha value is used to determine whether or not the respondent's responses are dependable. The reliability of the respondent's response is determined by the consistency of the scores and Cronbach's Alpha value, which must be more than 0.70. Otherwise, if Cronbach's Alpha value is less than 0.70, the respondents' responses are not considered to be credible. The test of reliability is computed to assess the degree of stability and consistency of the measurement outcomes. This research applies Cronbach's Alpha to evaluate the data's internal consistency. From *Table 3*, it is

noted that all variables scored above 0.6, the lowest being brand loyalty (BL) at 0.648, then brand trust (BT) at 0.681, followed by purchase intention (PI) at 0.786, and the most is social media marketing (SMMA) at 0.795 (*Table 3*). Cronbach's Alpha scores require the measurement outcome to be above 0.6 is acceptable, the closer to 1 it is the better the internal consistency. This research thus found that all variables showed acceptable internal consistency.

Table 3. Reliability test.

Variables	Cronbach Alpha
SMMA	0.795
BT	0.681
BL	0.648
PI	0.786

To assess the discriminant validity of the presented constructs, correlation analysis was conducted. According to *Table 4*, the correlation coefficients for each construct varied from 0.032 to 0.344 and were all determined to be positively correlated. Discriminant validity is corroborated by the correlation coefficient, and judging by the positive correlation between the variables, it suggests that the research sample's discriminant validity is appropriate. Pearson's correlation gauges how strongly two variables are correlated linearly with each other. Its range of values is from -1 to 1, with -1 denoting a completely inverse linear correlation, 0 denoting no correlation, and 1 denoting a completely positive correlation. PI was found to have the highest correlation with SMMA at 0.592, followed by BT at 0.582 and lastly BL at 0.512. SMMA correlates highly with PI at 0.350, followed by BT at 0.338 and lastly with BL at 0.262. Although it indicates a positive correlation as it scored more than 0, thus, this research has shown a medium strength positive correlation. On the other hand, the highest correlation coefficient of 0.350 indicates moderate strength of positive association between the constructs of SMMA and PI. This proves that performance expectancy highly affects consumers' purchase intention.

Table 4. Correlation coefficient analysis.

Category	SMMA	BT	BL	PI
SMMA	1	0.338	0.262	0.350
BT	0.582	1	-	-
BL	0.512	-	1	-
PI	0.592	-	-	1

Multiple linear regression analysis is adopted in this study to determine the impacts of independent constructs on dependent constructs. From the *Table 5*, the three independent variables (SMMA, BT, BL) are regressed against the independent variable of purchase intention (PI), and the results show that SMMA, BT, BL and PI have a positive coefficient respectively. To elaborate further, purchase intention (PI) will have a constant value of 2.089 if SMMA, BT, and BL remain constant. BT has a slope (B) value of 0.031, which is a positive regression coefficient. It indicates that if BT drops by a certain amount while the other independent variables remain the same, PI will rise by 0.031. In contrast, SMMA has a slope (B) value of 0.432, indicating a positive regression coefficient. Accordingly, SMMA will increase by 0.432 if SMMA rises by one point if other independent variables remain. Similarly, BL specifies a positive

regression coefficient with a slope (B) value of 0.189, meaning that one rise in a point will increase PI by 0.189, provided that other independent variables remain constant. The influence of the independent variables on the dependent variable is inferred by the independent variable's beta value. SMMA imposes the highest impact on PI with a beta value of 0.354, followed by BL with 0.172, and lastly, BT with 0.084.

Table 5. Multiple regression analysis.

Model	Unstandardised coefficient		Std. coefficient	t	Sig.	Collinearity statistics	
	B	Std. Error				Tolerance	VIF
constant	2.089	0.717	-	2.913	0.004	-	-
SMMA	0.432	0.121	0.354	3.563	0.779	0.836	1.196
BT	0.031	0.112	0.084	0.871	0.386	0.931	1.075
BL	0.189	0.115	0.172	1.862	0.065	0.962	1.137

Note: a. Dependent Variable: Purchase Intention (PI); b. Coefficients.

Table 6 measured the mediation effect analysis linear of brand trust (BT) and brand loyalty (BL) as the mediator variable against the independent variable of social media marketing (SMMA) and dependent variable of purchase intention (PI). The results indicate that brand trust (BT) has a positive coefficient with partially mediates the relationship between social media marketing (SMMA) and purchase intention (PI). It can be observed from the table that the indirect effect value of 0.2531. It is also noted that with the t-value of 4.536 it shows that it has a positive regression coefficient. It also means that if PI rises by one point, then SMMA will increase by 0.2531 in a similar fashion. On the other hand, the result also indicate that brand loyalty (BL) has a positive coefficient with partially mediates the relationship between social media marketing (SMMA) and purchase intention (PI). The results has shown that the indirect effect value of 0.1673 with the t-value of 3.421. It is noted that it has a positive regression coefficient whereby, if PI rises by one point, then SMMA will increase by 0.1673 in the same pathway. Additionally, BT and BL's total effect of 0.6089 implies the positive impact as a mediating variable has on between social media marketing (SMMA) as an independent variable and purchase intention (PI) as the dependent variable. To summarise, the data in this research were analysed using SPSS software to determine the descriptive statistics, reliability analysis, correlation analysis, and regression analysis. Firstly, the descriptive statistics found that the average scores are above 5.0, with the highest score of 4.320 for BL. The skewness and kurtosis were found to have a normal distribution across the data set. Cronbach's Alpha deduced that all variables are consistent and acceptable because it resulted at greater than 0.7, with the highest on SMMA at 0.795. Next, the correlation coefficients were computed, and all variables resulted in a positive correlation. The highest correlation of 0.350 is the relationship between SMMA and PI, while the lowest is between SMMA and BL at 0.262. Furthermore, the first regression analysis found that SMMA, BT and BL have a positive regression against PI at 0.354, 0.172 and 0.084 respectively. Additionally, the mediation effect analysis found that BT and BL has mediates partially the relationship against SMMA and PI at 0.2531 and 0.1673 respectively.

Table 6. Mediation effect analysis.

Model	Total effect	Direct effect	Indirect effect	P-value	Confidence level		t-value	Result
					Lower bound	Upper bound		
SMMA-->BT-->PI	0.6089	0.3558	0.2531	.000	0.1493	0.3695	4.536	Supported with

								Partial Mediates
SMMA-->BL-->PI	0.6089	0.4416	0.1673	.000	0.800	0.2735	3.421	Supported with Partial Mediates

Conclusion

To conclude, the majority of the constructs were revealed to be statistically significant for the relationship between SMMA, BT, BL and PI. The positive impact also occurs in the relationship with partially mediates between SMMA>BT>PI and SMMA>BL>PI which are aligned with evidence put forth by past study. One explanation might be that customers are growing conscious about how to utilise social media marketing services and apps as the technology gets more user-friendly. Consequently, the consumers will primarily use those marketing apps and services based on their taste and preferences which later will give the impact to their purchasing behaviors. Therefore, it is advised that the medical aesthetics provider may create more approachable social marketing interfaces to entice those with lower technologies abilities in embracing and utilising social media in their daily transactions. Remarkably, this research found BL to be significantly predictor with lower intentions towards purchasing behavior. Most of the previous researcher by various authors discovered that BL has strongly influence on PI. An explanation for this could be the low rate of technological awareness in social media marketing in Malaysia. The potentials of medical aesthetics have yet to reach the general public, hence the BL has little influence on PI. It is advised that service providers make it mandatory for early customers of medical aesthetics to help spread awareness of technology to generate more purchasing through social media.

Positive word of mouth from friends, family, co-workers, and peers may also give an impact for the medical aesthetics purchases. Aesthetics industry should also advertise their medical services to draw in more customers. Consequently, this will affects people’s decision to adopt the medical aesthetics’ marketing into their daily social media usage. On the other hand, one of the significant predictors within the suggested model is purchase intention (PI). The results of this study are in line with previous studies that also reached into similar conclusion. It is more likely that medical aesthetics patient would perceived and intend to employ technology favourable when they experience its benefits. To encourage more users and their requirements and expectations, medical aesthetics providers must improve their quality according to user ideas and recommendations. They should also think about improving current medical services to provide consumers with advance technology. Previous research has also revealed that BT has big impact on how people behave when it comes to purchasing the medical services. As a results, medical aesthetics service providers must make more investments in technological infrastructure and are encouraged to provide all user-friendly circumstances, such as support service centres that may help the consumer’s to get more information and knowledge proficiency and their ability to utilise marketing services apps. People are more likely to have favourable attitudes towards accepting and using online marketing if this is readily available.

Additionally, BT and BL’s positive significance on SMMA and PI indicates that users who intend to adopt online marketing will continue using it in the future. Building a loyal consumer base is essential for medical aesthetics service providers to continue to

flourish. This is because if their users are loyal, they are more likely to use one application or service even if substitute applications are offered. Hence, service providers must respond to consumers' purchase intention to create a loyal fanbase, so that they can keep using the services going forward. This study identifies important variables that account for consumers' inclinations to embrace online marketing and develop loyalty to such services. However, there are several limitations to the research that was done. First, there may have been a selection bias because most of the respondents had expertise with internet technology such as online shopping. Thus, data from individuals with various backgrounds and experiences might be gathered for future studies. Second, future research may focus on demographics and other environmental factors, such as the effect of governmental restrictions on the adoption and usage of online purchasing. Also, this research solely included data from Malaysia. To better understand the effects of cultural variations and determine if the same variables would affect online marketing and purchasing adoption, it is advised that participants be selected from other nations.

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Conflict of interest

The authors confirm that there is no conflict of interest involve with any parties in this research study.

REFERENCES

- [1] Afif, N.C., Sutiksno, D.U., Hardiyanto, N., Shiratina, A. (2015): Building brand loyalty through increasing brand trust and brand affect. – *International Journal of Scientific & Technology Research* 4(11): 336-340.
- [2] Aji, P.M., Nadhila, V., Sanny, L. (2020): Effect of social media marketing on Instagram towards purchase intention: Evidence from Indonesia's ready-to-drink tea industry. – *International Journal of Data and Network Science* 4(2): 91-104.
- [3] Ajzen, I. (1991): The theory of planned behavior. – *Organizational Behavior and Human Decision Processes* 50(2): 179-211.
- [4] Arfi, W.B., Nasr, I.B., Khvatova, T., Zaied, Y.B. (2021): Understanding acceptance of eHealthcare by IoT natives and IoT immigrants: An integrated model of UTAUT, perceived risk, and financial cost. – *Technological Forecasting and Social Change* 163: 17p.
- [5] Beqiri, G., Bello, K. (2021): The effect of social media marketing compared to traditional marketing on sales: A study of enterprises in Kosovo. – *WSEAS Transactions on Business and Economics* 18: 402-410.
- [6] Bianchi, C., Andrews, L., Wiese, M., Fazal-E-Hasan, S. (2017): Consumer intentions to engage in s-commerce: a cross-national study. – *Journal of Marketing Management* 33(5-6): 464-494.
- [7] Bilgin, Y. (2018): The effect of social media marketing activities on brand awareness, brand image and brand loyalty. – *Business & Management Studies: An International Journal* 6(1): 128-148.

- [8] Ceyhan, A. (2019): The impact of perception related social media marketing applications on consumers' brand loyalty and purchase intention. – *EMAJ: Emerging Markets Journal* 9(1): 88-100.
- [9] Chinomona, R., Maziriri, E.T. (2017): The influence of brand awareness, brand association and product quality on brand loyalty and repurchase intention: A case of male consumers for cosmetic brands in South Africa. – *Journal of Business and Retail Management Research* 12(1): 143-154.
- [10] Dastane, O., Goi, C.L., Rabbane, F. (2020): A synthesis of constructs for modelling consumers' perception of value from mobile-commerce (M-VAL). – *Journal of Retailing and Consumer Services* 55: 16p.
- [11] Delgado-Ballester, E., Luis Munuera-Alemán, J. (2005): Does brand trust matter to brand equity? – *Journal of Product & Brand Management* 14(3): 187-196.
- [12] Hanaysha, J.R. (2022): Impact of social media marketing features on consumer's purchase decision in the fast-food industry: Brand trust as a mediator. – *International Journal of Information Management Data Insights* 2(2): 10p.
- [13] Kim, E.J., Kim, S.H., Lee, Y.K. (2019): The effects of brand hearsay on brand trust and brand attitudes. – *Journal of Hospitality Marketing & Management* 28(7): 765-784.
- [14] Khadim, R.A., Hanan, M.A., Arshad, A., Saleem, N., Khadim, N.A. (2018): Revisiting antecedents of brand loyalty: Impact of perceived social media communication with brand trust and brand equity as mediators. – *Academy of Strategic Management Journal* 17(1): 13p.
- [15] Kristina, T., Sugiarto, C. (2020): The role of trust mediates in the influence of social media marketing and Electronic Word-of-Mouth on purchase intention. – *Management and Entrepreneurship: Trends of Development* 4(14): 102-113..
- [16] Laksamana, P. (2018): Impact of social media marketing on purchase intention and brand loyalty: Evidence from Indonesia's banking industry. – *International Review of Management and Marketing* 8(1): 13-18.
- [17] Liu, X., Shin, H., Burns, A.C. (2021): Examining the impact of luxury brand's social media marketing on customer engagement: Using big data analytics and natural language processing. – *Journal of Business Research* 125: 815-826.
- [18] Machado, J.C., Wacas-de-Carvalho, L., Azar, S.L., André, A.R., Santose, B.P. (2019): Brand Gender and Consumer-Based Brand Equity on Facebook: The Mediating Role of Consumer Brand Engagement and Brand Love. – *Journal of Business Research* 96: 376-385.
- [19] Manzoor, U., Baig, S.A., Hashim, M., Sami, A. (2020): Impact of social media marketing on consumer's purchase intentions: the mediating role of customer trust. – *International Journal of Entrepreneurial Research* 3(2): 41-48.
- [20] Puspaningrum, A. (2020): Social media marketing and brand loyalty: The role of brand trust. – *The Journal of Asian Finance, Economics, and Business* 7(12): 951-958.
- [21] Vohra, A., Bhardwaj, N. (2019): From active participation to engagement in online communities: Analysing the mediating role of trust and commitment. – *Journal of Marketing Communications* 25(1): 89-114.