

THE INFLUENCE OF BRAND IMAGE AND PRICE PERCEPTION ON CUSTOMER LOYALTY MEDIATED BY CUSTOMER SATISFACTION (Study of Samsung Smartphone Users among Students in Surabaya)

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Abstract Mature This all line in the world already is at in the era of digitalization . Digital technology does not only used For industry needs but also become primary human needs as tool For communicate even For Work . So that need will tool telecommunication specifically product *smartphones* are one of them high demand _ on the market . Marketing management research This want to test and see How level loyalty Samsung users as the best- selling smartphone product on the market specifically among students in Surabaya . Research purposes This is For know Satisfaction customer as variable mediation between image brand and perception price to loyalty customer . Research methods used _ is method quantitative , with a sample of students in Surabaya who use Samsung smartphones . Research result This that satisfaction customer influential significant in mediate between image brand and perception price to loyalty customer .

Keywords : Loyalty customer , image brand , price perception , satisfaction customer

1. INTRODUCTION

Kotler and Keller (2016) [10], reflects how consumers see and evaluate a company or its products. Apart from brand image, price perception also has a crucial role in determining greater levels of customer satisfaction. Because price is related to the consumer's economy or finances, while the economy is very important because it is the basis of consumers' lives. Peter and Olson (2014) [14], who stated that price perception involves the way consumers understand information about prices and how it is important to them. Based on the explanation, brand image and price perception can be supporting factors that increase customer satisfaction. According to Sasongko (2021) customer satisfaction is an element related to creating value for customers. On the other hand, with the satisfaction felt by the customer, the customer will repurchase the product. This could mean that customers make repeat purchases because of the brand image at a price that meets their expectations. Kotler and Keller (2016) [10] define that consumer loyalty is a firmly held commitment to repurchase or re-subscribe from a chosen product or service in the future despite the influence of situations and marketing efforts that have the potential to cause changes in behavior.

Based on the International Data Corporation (IDC) report, it summarizes the top five smartphone vendors in Indonesia in the first quarter of this year based on the number of senders. It is recorded that Samsung is the vendor with the largest number of shipments in 2023, namely 1.9 million units. In 2022, Samsung will also ship the most 2.1 million units. Even though sales have decreased from 2022-2023, the fact is that Samsung smartphones are still the highest product sold on the market [1].

To find out how loyal customers feel towards Samsung smartphone users among students in Surabaya, therefore it is supported whether brand image and price perception influence loyalty with the indirect relationship felt by customers through customer satisfaction. So, companies need to evaluate the factors that will influence customer satisfaction and design strategies to meet customer expectations. This aims to ensure that customers do not easily switch to competitors, or in other words, customer loyalty can be formed when they feel satisfied with the benefits obtained from the company's services.

This is confirmed by research conducted by Ulfah et al (2020) [23] which investigated the relationship between brand image and customer loyalty in the context of using Wardah cosmetics. The results of their research show that brand image has a significant influence on the level of customer loyalty. In other words, the more positive the brand image, the higher the level of customer loyalty to the product. In addition, Dharmesta (1999) in Rusydi (2017) [16], highlights that loyalty to a brand is the result of a close relationship between an individual's relative attitude and repeated adherence to the brand. This means a person's level of loyalty to a brand is influenced by the extent to which the individual's attitude is connected to consistency in purchasing. This finding is reinforced by research by Putra, et al (2022) [15] which shows that price perception also plays a crucial role in increasing customer loyalty, where customers' understanding of price can influence the extent to which they remain loyal to a particular brand or store, as revealed in a study of 100 Lotte Mart Surabaya customers.

2. LITERATURE REVIEW AND DEVELOPMENT HYPOTHESIS

2.1 LITERATURE REVIEW

2.1.1 Brand Image

Brand image is set held beliefs _ about something brand certain known as image brand (Kotler and Armstrong, 2013) [7]. In the writing journal Kotler and Keller (2012), argue that the brand image variable consists of 3 indicators, maker image, user image, product image [9].

2.1.2 Price Perception

The assessment of price is crucial for consumers in assessing the extent to which the sacrifices incurred are commensurate with the benefits to be obtained from products and services (Zeithaml, 1988) in (Kusdyah, 2012) [11]. Kotler and Armstrong (2018) [8] have stated that there are four aspects that detail the nature of prices, namely price affordability, price alignment with product quality, price alignment with the benefits offered, and price alignment with buyer capabilities or price competitiveness.

2.1.3 Customer loyalty

Kotler and Keller (2016) [10] define that consumer loyalty is a firmly held commitment to repurchase or re-subscribe to a chosen product or service in the future despite the influence of situations and marketing efforts that have the potential to cause changes in behavior. According to Tjiptono in Sangadji and Sopiah (2013) put forward five indicators that can be used to measure customer loyalty, repurchase, great liking for the brand, loyalty to the brand, belief that a product is the best, giving product recommendations to others [17].

2.1.4 Customer satisfaction

According to Pertiwi et al (2022) [13], consumer satisfaction is a post-purchase assessment of the choices made, which produce results that meet or exceed consumer expectations. The indicators used to measure customer satisfaction, according to Yuliarmi and Riyasa (2007) in Murti et al (2019) [12] include conformity of product quality with expectations, level of satisfaction comparable to similar products, no complaints submitted.

2.2 HYPOTHESIS

2.2.1 The Relationship between Brand Image and Customer Satisfaction

The relationship between customer satisfaction and brand image shows that when consumers have a positive perception of a product and a well-known brand, they are more likely to feel satisfied when using that product compared to less well-known products.

H1 = Brand Image has a significant effect on customer satisfaction with Samsung *Smartphones* .

2.2.2 The Relationship between Price Perceptions and Customer Satisfaction

According to Fuad (2016) [4] Price perceptions play a role in shaping the level of customer satisfaction. If consumers feel that the price of a product or service is

commensurate with the benefits they receive, this will contribute to the level of satisfaction.

H2 = Price perception has a significant effect on customer satisfaction with Samsung *Smartphones* .

2.2.3 The Relationship between Brand Image and Customer Loyalty

This is confirmed by the results of research conducted by (Stephen et al., 2007) as quoted in Tjahjaningsih (2016) [22], which also shows that brand image has a positive influence on customer loyalty.

H3 = Brand Image has a significant effect on customer loyalty among Samsung *Smartphone users*

2.2.4 The Relationship between Price Perceptions and Customer Loyalty

These findings are in line with the findings reported by Dewi (2020) [3], which shows that empirically, price perception is a crucial variable in increasing customer loyalty.

H4 = Price perception has a significant effect on customer loyalty among Samsung *Smartphone users*

2.2.5 The Relationship between Customer Satisfaction and Customer Loyalty

According to Hoffman & Bateson (2017) [6] customer satisfaction also has a significant effect in increasing customer loyalty, especially having the potential to encourage customers to make repeat purchases, cross selling and up selling.

H5 = Customer satisfaction has a significant effect on customer loyalty among Samsung *smartphone users*

2.2.6 The Relationship between Customer Satisfaction as a Mediating Variable Between Brand Image and Customer Loyalty

The latest findings are explained by research conducted by Setyorini et al (2023)[20] that customer satisfaction can mediate the influence of brand image on customer loyalty.

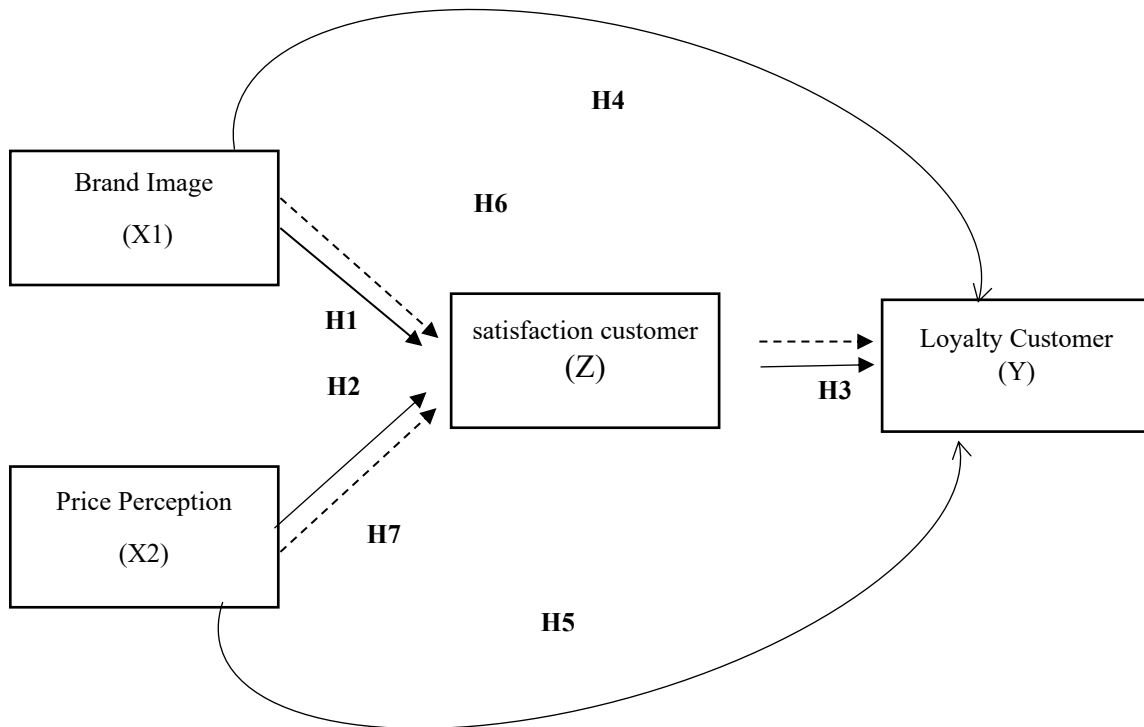
H6 = Customer satisfaction as an *intervening variable* has a significant effect on brand image on customer loyalty among Samsung *smartphone users*

2.2.7 The Relationship between Customer Satisfaction as a Mediating Variable Between Price Perception and Customer Loyalty

Price perceptions can create both customer satisfaction and customer dissatisfaction (Suzana et all 2022 ; Han & Ryu, 2009)[21][5]. Literature research shows that price perception plays an effective role in influencing customer repurchase tendencies or loyalty (Bei & Chiao, 2001; Jiang & Suzana et all 2022) [2][21].

H7 = Customer satisfaction as an *intervening variable* has a significant effect on price perception on customer loyalty among Samsung *smartphone users* .

Figure 1
Analysis Model



3. RESEARCH METHODS

The research approach used in this research is quantitative. The sample in this study was 80 respondents obtained using a *non-probability* sampling technique through a *purposive sampling method* , where the sample was selected based on special characteristics that were relevant to the research objectives. The data analysis technique used in this research is *path analysis*.

4. RESULTS AND DISCUSSION

This research questionnaire was distributed to 100 respondents, and those who filled it in completely and according to the sample criteria were 80 respondents, so that the answers from 80 respondents were processed in subsequent analysis.

1. Test the validity of the instrument

Explain whether the question items in this research really measure the variables

Table 1: Validity Test

Variable	Indicator	Pearson Correlation	Significance	Information
Brand Image (X1)	X1.1	0.733	0.00	Valid
	X1.2	0.683	0.00	Valid
	X1.3	0.643	0.00	Valid
	X1.4	0.580	0.00	Valid
	X1.5	0.823	0.00	Valid
	X1.6	0.651	0.00	Valid
Perception (X2)	X2.1	0.579	0.00	Valid
	X2.2	0.824	0.00	Valid
	X2.3	0.734	0.00	Valid
	X2.4	0.722	0.00	Valid
Satisfaction Customers (Z)	Z1	0.760	0.00	Valid
	Z2	0.793	0.00	Valid
	Z3	0.803	0.00	Valid
Loyalty Customer (Y)	Y1	0.789	0.00	Valid
	Y2	0.733	0.00	Valid
	Y3	0.676	0.00	Valid
	Y4	0.800	0.00	Valid
	Y5	0.756	0.00	Valid

Source: Data Processing (2023)

All statement items in X1, X2, Y, and Z are valid because mark pearson correlation more big of 0.4 and significance more small from 0.05

2. Reliability Test

Reliability Test aim For know whether item item question consistent If asked repetitive .

Table 2 Reliability Test

Variable	Cronbach Alpha	Information
X1	0.763	Reliable
X2	0.670	Reliable
Z	0.679	Reliable
Y	0.797	Reliable

Source: Data Processing (2023)

All Statement Items on X1, X2, Y, and Z as a whole reliable Because Cronbach alpha value is more big of 0.6

3. Stepwise Regression Test and Path Analysis

Table 3 relationships image brand and price perception to loyalty

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations
	B	Std. Error	Beta			Zero-order
(Constant)	-4,985	2,519		-1,979	,051	
1 Total.x1	,705	.104	,607	6,753	,000	,721
Total.x2	,364	,152	,215	2,393	.019	,537

Dependent variable: Y

Brand image (X1) is influential significant to loyalty (Y) because mark significance < 0.05

Perception price (X2) has an effect significant to Loyalty (Y) because mark significance < 0.05

Table 4 Relationship image , erection and perception price to satisfaction

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations
	B	Std. Error	Beta			Zero-order
(Constant)	-.413	1,642		-.251	,802	
1 Total.x1	,233	,068	,352	3,416	,001	,555
Total.x2	,367	,099	,381	3,700	,000	,568

Dependent variable Z

Brand image (X1) is influential significant to satisfaction (z) because mark significance < 0.05

Perception price (X2) has an effect significant to satisfaction (z) because mark significance < 0.05

Table 5 relationships between image brand , satisfaction and loyalty

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations
	B	Std. Error	Beta			Zero-order
1 (Constant)	-4.121	2,000		-2,060	,043	

Total.x1	,548	,093	,472	5,907	,000	,721
Total.z	,791	.141	,449	5,624	,000	,711

Dependent variable; Y

Satisfaction (Z) mediates influence image brand (X1) against loyalty (Y)

Table 6 relationship between perceptionm haaaaarga satisfaction and loyalty

Model	Unstandardized Coefficients		Standardized Coefficients	T	Sig.	Correlations
	B	Std. Error	Beta			Zero-order
(Constant)	1,257	2,238		,562	,576	
1 Total.x2	,333	,160	,197	2,074	.041	,537
Total.z	1,055	,167	,599	6,323	,000	,711

Dependent variable: Y

Satisfaction (Z) mediates influence perception price (X2) against loyalty (Y)

Discussion

In research This results show that image brand indicated _ through image product , company image and image user influential significant to loyalty consumer . The more Good image the Samsung brand is rated consumers , then the more loyalty is also good consumers on Samsung cellphones. This matter support study from Tjahjaningsih (2016)[22] who emphasized that brand image has a positive influence on customer loyalty.

Research result This also shows that perception price shown _ through affordability price , suitability price with quality , and price compared to competitor influential significant to loyalty consumer . The more Good perception Samsung price assessed consumers , then the more loyalty is also good consumers on Samsung cellphones. This matter support study from Dewi (2020) explains that price perception is a very crucial variable for increasing loyalty

On the other hand results research also shows that image brand indicated _ through image product , company image and image user influential significant to satisfaction consumer . The more Good image the Samsung brand is rated consumers , then the more satisfied consumers on Samsung cellphones. This matter support study from Sanjaya and Hastoko (2022)[18] who revealed that brand image has a positive influence on customer satisfaction.

Research result This also shows that perception price shown _ through affordability price , suitability price with quality , and price compared to competitor influential significant

to satisfaction consumer . The more Good perception Samsung price assessed consumers , then the more satisfied consumers on Samsung cellphones. This matter support study from Fuad (2016) explains that price perception is one of the factors that shape customer satisfaction.

Study This show that the satisfaction variable consumer mediate influence between image brand and loyalty consumer . Likewise satisfaction _ consumers also mediate influence between perception price and loyalty consumer . This matter means that When consumers see image Samsung brand is good , and perception the price is also good , then consumer will feel satisfied with Samsung cellphone , next will arise loyalty consumers on the Samsung brand as indicated by their desires For bought a Samsung cell phone Back when need and strong commitment to the Samsung brand .

CONCLUSION

Based on the research results above, it can be concluded that brand image and price perception have a significant effect on customer satisfaction. Meanwhile, customer satisfaction has a significant effect as a mediating variable for brand image and price perception on customer loyalty who use Samsung *smartphones* in the city of Surabaya.

References

- [1]. Annur, CM (2023) Indonesian smartphone market declines 11.9% in Q1 2023, who is the market leader? Accessed: 25 October 2023; 15.00 WIB <https://databoks.katadata.co.id/datapublish/2023/06/06/idc-pasar-smartphone-indonesia-merosot-119-kuartal-i-2023-who-leader-pasar>
- [2]. Bei, L. T. & chiao, Y. C. (2001). Integrated model For influence perception product , perception quality service , and perception justice price to satisfaction and loyalty consumer . *Journal of Consumer Satisfaction, Dissatisfaction and Complaining Behavior*, 14
- [3]. Dewi, MP (2020). The Influence of Price Perceptions and Service Quality on Customer Loyalty Mediated by Consumer Satisfaction at RM. Wongsolo Malang. *Iqtishoduna* , 16 (2), 167-190.
- [4]. Fuad, M. (2016). The Influence of Price Perceptions, Service Quality and Brand Image on Customer Satisfaction among Trans Jogja Bus Users in Yogyakarta. *Thesis. Yogyakarta: Yogyakarta State University* .

- [5]. Han, H., & Ryu K. (2009). The role of the physical environment, price perception, and customer satisfaction in determining customer loyalty in the restaurant industry.
- [6]. Hoffman, KD and Bateson, JEG (2017), *Services v Marketing: Concepts, Strategies, & 5th ed*
- [7]. Kotler, P. and Armstrong, G. (2013) Principles of Marketing. 15th Edition, Prentice Hall.
- [8]. Kotler, P. and Armstrong, G. 2018. Principles of Marketing. 17th Edition. Pearson Education Limited. United Kingdom
- [9]. Kotler, P., & Keller, K. L. (2012). Marketing Management (14th ed.). Harlow: Pearson Education.
- [10]. Kotler, Philip and Kevin Lane Keller, 2016. Marketing Management, 15th Edition New Jersey: Pearson Pretice Hall, Inc
- [11]. Kusdyah , Ike, 2012. Price Perception , Brand Perception , Value Perception and Desires Purchase Repeat Health Clinic Services (Case Study ERHA CLINIC Surabaya). Journal of Marketing Management Vol 7 No.1 (2012): 25-32
- [12]. Murti, AT, Prasetya , B., & Nurkhayati , I. (2019). THE INFLUENCE OF BRAND IMAGE, PRICE PERCEPTION, AND SERVICE QUALITY ON CUSTOMER'S LOYALTY OF "POS EXPRESS" WITH CUSTOMERS'SATISFACTION AS INTERVENING VARIABLE (A CASE STUDY AT SEMARANG PROCESSING CENTER). *JOBS (Journal of Business Studies)* , 3 (2), 117-134.
- [13]. Pertiwi, AB, Ali, H., & Sumantyo , FDS (2022). Influencing Factors Loyalty Customer : Analysis Perception of Price, Quality Service and Satisfaction Customers (Management Review Literature Marketing). *Journal of Applied Management Science* , 3 (6), 582-591.
- [14]. Peter, J Paul And Olson, JC (2014). Consumer Behavior and Marketing Strategy. Jakarta. Salemba Four .
- [15]. Putra, AR, Rudiansyah, MMDH, Darmawan, D., Mardikaningsih, R., & Sinambela, EA (2022). The Influence of Lifestyle, Physical Environment, and Price Perception on Lottemart Customer Loyalty. *Journal of Economics and Management* , 2 (1), 71-85.
- [16]. Rusydi , M. (2017). Customer Excellent (N. Aedi (Ed.)). Goshen Publishing.
- [17]. Sangadji, EM and Sopiah, 2013. Consumer Behavior: Consumer Behavior and Marketing Strategy Volume 2. Jakarta: Erlangga.

- [18]. Sanjaya, T., & Hastoko, YP (2022). The Influence of Service Quality, Product Quality and Brand Image on Customer Satisfaction at the Pizza Hut Komsen Jatiasih Bekasi Restaurant. *Multidisciplinary Scientific Journal*, Vol.1, No.5 (ISSN: 2829-7466), 317–330.
- [19]. Sasongko, SR (2021). Factors of customer satisfaction and customer loyalty (marketing management literature review). *Journal of Applied Management Science* , 3 (1), 104-114.
- [20]. Setyorini , D., Tirtayasa , S., & Khair, H. (2023). The Effect of Brand Image and Customer Relationship on Customer Loyalty Mediated By Customer Satisfaction At Primary School Al- Ulum . *Journal of Economics* , 12 (01), 531-545.
- [21]. Suzana, AJ, Hariyono, B., & Masita, TE (2022). The Mediation Role Of Customer Satisfaction On The Influence Of Price Perception, Product Quality, And Service Quality To Customer Loyalty. *EPRA International Journal of Multidisciplinary Research (IJMR)*, 8(9), 144-153.
- [22]. Tjahjaningsih , E. (2016). The Influence of Image and Promotion To Satisfaction Customers and Their Impact To Loyalty Customers (Study of Carrefour Supermarket Customers in Semarang). *Economics and Management Media* , 28(2)
- [23]. Ulfah, DN, Rukismono , M., & Tan, ER (2020, August). The Influence of Brand Image on Loyalty Customer Mediated By Satisfaction _ Customer Wardah Cosmetics in the District Kenjeran, Surabaya. In *National Science Seminar Applied* (Vol. 4, No. 1).