Digital marketing strategy across cultures: Algorithmic bias, local media, MSME performance, Indonesia & Malaysia

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Digital marketing strategy across cultures: Algorithmic bias, local media, MSME performance, Indonesia & Malaysia

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This study aims to produce a cross-cultural analysis of algorithm bias and local media in Indonesia and Malaysia as a marketing strategy for MSMEs to enhance marketing performance. It examines how algorithmic bias in digital marketing affects cultural relevance in Indonesia and Malaysia. Consumers are more likely to accept and share content with cul 381 relevance, such as the use of local languages and distinctive symbols. This study employed a quantitative approach and data collection techniques, including questionnaires, interviews, and documentation. Data analysis utilized \$52M PLS on 200 MSME consumer respondents in Malaysia and Indonesia, using a simple random sampling technique. The results of this study indicate that marketing strategies t integrate cultural factors, such as local languages, symbols, and traditional values, can increase consumer engagement and the effectiveness of digital marketing. By understanding the local context in depth including how local media and algorithm bias affect message distribution—marketers can design more adaptive strategies that are responsive to audiences' needs in the digital era. This research contributes theoretical insights and provides practical recommendations for MSMEs to develop more inclusive and culturally effective digital marketing strategies.

Keywords: Business strategy, Cross-cultural, Digital literacy, Media local, SMEs

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the published version of the manuscript.

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1. Introduction

The digital era continues to develop, and digital marketing has become essential in business strategies worldwide, including MSMEs in Indonesia and Malaysia [1-3]. These two countries have matter as influence how consumers receive and respond to marketing [4-6]. One of the main challenges in crosscultural digital marketing is algorithm bias and digital literacy.

These two countries hav 20 my cultural similarities but significant differences that influence how consumers receive and respond to marketing [4-6]. One of the main challenges in cross-cultural digital marketing is algorithm bias and digital literacy. Algorithms used to target and deliver marketing messages are often influenced by unrepresentative data and design assumptions that need to consider cultural differences [7, 8]. This results in messages not in line with local values and norms. The influence of local media and digital literacy cannot be ignored either. Local media play an essential role in shaping constant perceptions and preferences.

In the ever-evolving december 12 all era, digital marketing has become one of the main strategies for improving business performance, especially for micro, small, and medium enterprises (MSMEs). In Indonesia and Malaysia, as countries with significant MSME growth rates, digital marketing has great potential to expand the market and increase competitiveness. However, algorithm bias, local media, and digital literacy are significant factors in the success of implementing digital marketing, which is greatly influenced by factors such as.

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Algorithms used to target and deliver marketing messages are often influenced by unrepresentative data and design assumptions that need to consider cultural differences [7, 8]. This results in messages not in line with local values and norms. The influence of local media and digital literacy cannot be ignored either. Local media play an essential role in shaping consumer perceptions and preferences. MSMEs must understand and adapt their marketing strategies according to the local media context in Indonesia and Malaysia.

Previous research emphasizes the importance of cultural dimensions and digital literacy when designing a global marketing strategy [9, 10]. When designing a global marketing strategy [11-13]. The research results show that content integrating specific cultural elements such as symbols, language, and local values can increase customer engagement and marketing results [11, 14]. Previous research [15-18]. Reveals that social media algorithms can influence the content shown to users and how algorithm bias can lead to inaccurate or less diverse representations of specific cultures. Although there is research on culture in digital marketing and marketing performance measurement, there still needs to be a gap in understanding how algorithm bias, local media, and digital literacy influence how culture interacts or influences each other to marketing performance.

Although there is research on culture in digital marketing and marketing performance measurement, there still needs to be a gap in understanding how algorithm bias, local media, and digital literacy influence how culture interacts or influences each other to marketing performance. Previous research [15-18]. Reveals that social media algorithms can influence the content shown to users and how algorithm bias can lead to inaccurate or less diverse representations of specific cultures.

Based on previous research, several gaps exist in studying culturally-based digital marketing for MSMEs in Indonesia and Malaysia.

Previous studies, Zechiel et al. [7] and Akter et al. [8], have highlighted bias in digital marketing algorithms, particularly how unrepresentative data and design assumptions affect the effectiveness of marketing campaigns. However [5] se studies have primarily focused on a global or developed-country context, with limited research specifically examining the impact of algorithmic bias on cultural relevance in MSME marketing in Indonesia and Malaysia.

Furthermore, there is still a lack of research exploring how local media in Indonesia and Malaysia shape consumer perceptions of culturally-based marketing for MSMEs. Previous studies, Rajah et al. [4], Bordeleau et al. [5], and Zhang et al. [6] have only examined how local media influence consumer behavior in various marketing contexts without a focused analysis on MSMEs.

analysis on MSMEs.

While prior research [1-3]. Has investigated the importance of digital literacy in enhancing the effectiveness of digital marketing in general, these studies have not extensively explored how consumers' digital literacy levels influence their understanding and acceptance of culturally-based marketing messages.

Additionally, previous research still lacks sufficient differences between Indonesia and Malaysia's impact digital mar 53 ng strategies for MSMEs, particularly in algorithmic bias, local media, and digital literacy.

This study aims to address these gaps by examining how algorithmic bias in digital marketing affects cultural relevance in Indonesia and Malaysia, exploring the role of local media in shaping consumer perceptions of culturally-based marketing and analyzing how digital literacy levels influence consumer understanding and acceptance of culturally-based marketing messages.

Thus, this research contributes theoretical insights and provides practical recommendations for MSMEs to develop more inclusive and culturally effective digital marketing strategies. Research purposes: Produce cross-cultural analysis, algorithm bias, and local media in Indonesia and Malaysia as a marketing strategy for MSMEs for marketing performance.

2. Method 19

This study adopts a quantitative approach using Structural Equation Modeling-Partial Least Squares (SEM-PLS) to analyze the relationships between algorithmic bias, local media influence, digital literacy, and consumer perceptions of culturally based digital marketing for MSMEs in Indonesia and Malaysia.

Data collection techniques use primary data sources, including interviews, observations, and questionnaires, as well as secondary data from books, documentation, relevant research journals, and digital media content analysis. The determination of qualitative informants involved purposive sampling of MSME actors who use digital business and consumer applications,

as well as consumers. The determination of the quantitative sample was conducted using simple random sampling. The research sample consisted of 200 MSME consumers in Indonesia and Malaysia. Simple random sampling was used to ensure an unbiased representation of MSME consumers.

Quantitative Instrument Development

- Questionnaire: Develop a questionnaire based on qualitative findings. For example, if the interview indicates that price is a significant factor, ask questions about price perception.

 Hypothesis: The hypothesis formulation is tested in the inntitative Stage.

The quantitative Stage uses data analysis techniques with Partial Least Square (PLS) Analysis, which is a statistical method designed to solve structural problems involving many variables, the presence of missing data, and multicollinearity, revealing the consequence of using PLS that testing can be carried out without a solid theoretical basis [19]. PLS is very appropriate for research that aims to develop theory construction.

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The data was analyzed using Structural Equation Modeling-Partial Least Sq 30 es (SEM-PLS) with SmartPLS software.

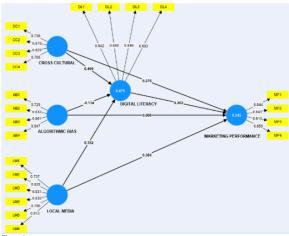
The analysis will include: (1) Outer Model Evaluation: Assessing validity (convergent and discriminant validity) and reliability (composite reliability and Cronbach's alpha) of the measurement model. (2) Inner Model Evaluation: Testing hypotheses using path coefficients (β values), R^2 , effect sizes (f^2), and predictive relevance (Q^2). Bootstrapping Method: Used to test the significance of relationships between variables.

3. Results and Discussion

Digital marketing strategies by understanding cross-cultural differences in Indonesia and Malaysia allow MSMEs to adjust marketing strategies. Optimizing the use of algorithms, understanding bias in social media algorithms, and digital literacy can help MSMEs optimize their content for better and fair reach in both countries. This research supports data-driven strategies, explicitly supporting the use of data-based marketing strategies, enabling more precise and measurable decisionmaking for marketing strategy design, thereby improving marketing performance.

4.1. Partial Least Squares Structural Model Testing 12 sults
In this study, SmartPLS tests two models: the measurement model, comments with the measurement model, and the structural model, commonly referred to as the inner model. The first starts with the measurement model (outer model) used to determine the validity and reliability that connects the reflective indicators with the latent variables, tested using evaluating the percentage of variance (R2) for the endogenous latent variables that are modeled as being influenced by exogenous latent variables. Also, testing is carried out with the t value obtained from bootstrapping to see whether the effect is significant [19].

Based on the Partial Least Squares estimation method, there are Full Structural Model path diagram is obtained, as shown in the following figure:



Full Structural Model Image (PLS Algorithm).

The image above shows that the yellow box shows each indicator, and the blue circle shows the latent variable. There numbers on each arrow that show the validity value of each indicator and test the reliability of the construct of the studied variable. An indicator is valid if it has a factor weight value greater than 0.60.

4.2. Meas 24 ment Model Testing (Outer Model)

The measurement 29 del (outer model) is a model that connects latent variables with manifest variables. The measurement results of the measurement model (outer model) are evaluated through confirmatory 3 ctor analysis (CFA), which tests the validity and reliability of latent constructs. The measurement model test consists of convergent validity, discriminant validity, and reliability tests.

Convergent validity is 12 ated to the principle that a construct's measures (manifes 1 ariables) should be highly correlated. The rule of thumb usually used to assess convergent validity is that the loading value must b 16 pre than 0.7 for confirmatory research, and the loading value between 0.6-0.7 for exploratory research is 12 lacceptable. The Average variance extracted (AVE) value must be greater than 0.5. However, for early-stage research in developing a measuren 33 scale, a factor loading value of 0.5-0.6 is still considered sufficient [20]. Meanwhile, the reliability test is conducted to test the 18 trument's accuracy, consistency, and precision when measuring the construct with composite reliability. The rule of thumb usually used to assess construct reliability is that the CR value must be greater than 0.7 for confirmatory research, and a value of 0.6-0.7 is still acceptable for exploratory research.

56 4.3. Convergent Validity

Convergent validity is conducted to test the level of accuracy of items used to measure the research object in this study using the loading factor 43 t. According to Hair et al. [19], an item can be said to have convergent validity if the loading factor score is more than 0.6. The following are the results of the loading factor scores.

Table 1.
Convergent Validity Test Table.

Variables	Indicator	Loading Factor	Information
Cross Cultural	CC1	0.736	Valid
	CC2	0.870	Valid
	CC3	0.820	Valid
	CC4	0.705	Valid
Algorithmic Bias	AB1	0.725	Valid
	AB2	0.632	Valid
	AB3	0.861	Valid
	AB4	0.847	Valid
Local Media	LM1	0.737	Valid
	LM2	0.828	Valid
	LM3	0.831	Valid
	LM4	0.835	Valid
	LM5	0.796	Valid
	LM6	0.813	Valid
Digital Literacy	DL1	0.842	Valid
-	DL2	0.849	Valid
	DL3	0.846	Valid
37	DL4	0.802	Valid
Marketing Performance	MP1	0.844	Valid
	MP2	0.841	Valid
	MP3	0.813	Valid
	MP4	0.850	Valid

The table above provides information regarding the loading factor values for each 23 nifest variable. The loading factor value of all indicators for latent variables and dimensions shows >0.6, so all indicators are declared valid.

Table 2.

Variables	Average variance extracted (AVE)
Algorithmic Bias	0.596
Cross Cultural	0.617
Digital Literacy	0.697
Local Media	0.652
Marketing Performance	0.701

In the table above, it can be seen that all variables have AVE values which is greater than the specified value of 0.5. So that all variables are declared valid in explaining their latent variables, which shows that the use of the manifest variables has

Therefore, all manifest variables are stated to have met the requirements of convergent validity. Convergent validity itself is a validity that is proven if the scores obtained by the instrument that measures the concept or measures the concept with different methods, have a high correlation.

4.4. 40 criminant Validity
Discriminant Validity can see seen from the cross-loading factor with the construct and the comparison of AVE with the correlation of latent variables. If the correlation of the construct with the measurement point (each indicator) is greater than the size of other constructs, then the variable is said to have high discriminant validity. The cross-loading value is presented as follows:

Table 3.
Cross-Loading Factor Test Results Table.

Indicator	Algorithmic Bias	Cross Cultural	Digital	Local	Marketing
			Literacy	Media	Performance
AB1	0.725	0.112	0.122	0.306	0.167
AB2	0.632	0.134	0.090	0.308	0.017
AB3	0.861	0.509	0.232	0.470	0.399
AB4	0.847	0.393	0.301	0.486	0.363
CC1	0.436	0.736	0.342	0.393	0.458
CC2	0.381	0.870	0.739	0.581	0.613
CC3	0.286	0.820	0.447	0.348	0.381
CC4	0.344	0.705	0.324	0.353	0.444
DL1	0.356	0.550	0.842	0.472	0.491
DL2	0.335	0.620	0.849	0.567	0.516
DL3	0.217	0.541	0.846	0.432	0.533
DL4	-0.012	0.371	0.802	0.369	0.429
LM1	0.411	0.386	0.473	0.737	0.373
LM2	0.394	0.395	0.360	0.828	0.614
LM3	0.432	0.375	0.354	0.831	0.465
LM4	0.370	0.510	0.505	0.835	0.645
LM5	0.646	0.578	0.536	0.796	0.564
LM6	0.318	0.401	0.448	0.813	0.442
MP1	0.322	0.551	0.589	0.461	0.844
MP2	0.460	0.533	0.434	0.636	0.841
MP3	0.295	0.537	0.486	0.473	0.813
MP4	0.238	0.458	0.481	0.608	0.850

Based on the PLS software [64] Its table above, it can be seen that the crossal pading factor correlation value of each latent construct for the corresponding indicator is higher than other constructs, so it can be concluded that the indicators used to measure the latent variables have met the requirements.

Table 4. Fomell-Lacker Criterion

	Algorithmic Bias	Cross	Digital	Local	Marketing				
		Cultural	Literacy	Media	Performance				
Algorithmic Bias	0.772								
Cross Cultural	0.457	0.786							
Digital Literacy	0.283	0.634	0.835						
Local Media	0.536	0.556	0.558	0.807					
Marketing Performance	0.395	0.620	0.593	0.654	0.837				

Based the results of the table above, it shows that all the root values obtained for each variable are higher than their correlation, so it can be concluded that the model has good discriminant validity.

4.5. Reliability Test

Reliability testing in Partial Least Square (PLS) can use two methods, namely Composite Reliability (CR) and Cronbach's Alpha, which are presented as follows:

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8 Table 5.

site Reliability (CR) and Cronbach's Alpha Test Results.

Variables	Cronbach's alpha	Composite reliability
Algorithmic Bias	0.804	0.853
Cross Cultural	0.796	0.865
Digital Literacy	0.856	0.902
Local Media	0.893	0.918
Marketing Performance	0.858	0.904

22 From the test results above, it can be seen that all variables have a Composite Reliability (CR) value greater than 0.7 and a value of Cronbach's Alpha greater than 0.6, so it can be concluded that the data is reliable, which shows that the variables have consistency in measuring each variable.

4.6. Q2 Square

This test is useful in providing information about the magnitude of the possibility of relevance between latent variables in resear 45 Value Q2 square can also be grouped into three groups, namely:
(1) small predictive relevance: < 0.25

- (1) (2)
- : 0.25 0.5 medium predictive relevance large predictive relevance : > 0.5
- (3)

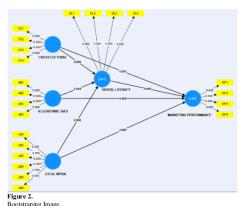
Table 6. Results TableQ2 Square

Variables	Q ² Square	Results
Digital Literacy	0.316	Medium Predictive Relevance
Marketing Performance	0.375	Medium Predictive Relevance

The test results in the table above show that the Digital Literacy variable has a Q Square value of 0.316 and demonstrates a moderate predictive ability of relevance relationships. Meanwhile, the Marketing Performance variable has a Q Square value of 0.375 and also shows a moderate predictive ability of relevance relationships.

4.7. Structural Model Testing (Inner Model)

The reduction of this structural model is to test the influence of one latent variable 18 n another latent variable. The test is done by looking at the path value to see whether the influence is significant or not, as seen from the t value of the path value (the t value can be obtained by doing bootstrapping). The following is a picture of the results of bootstrapping carried out in this study:



4.8. R Square Test

The influence of the dependent variable can be shown by the R-squared value. The following is the R-squared value obtained.

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Table 7. R Squares Results Table.

Variables	R-square
Digital Literacy	0.475
Marketing Performance	0.545

Through the determination coefficient value (R-square) contained in the table above, it can be seen in substructure 1 that the R-square value of the Digital Literacy variable of 0.475, which shows that the Digital Literacy 10 riable can be explained by 47.5% by the Cross Cultural, Algorithmic Bias, and 6 cal Media variables. In substructure 2, the R-squared value of the Marketing Performance variable of 0.545, which shows that the Marketing Performance variable can be explained by 54.5% by the Cross Cultural, Algorithmic Bias, Local Media, and Local Media variables.

4.9. F2 Effect Size Test

To determine the magnitude of the influence on the overall R-square cquisition, further testing was carried out with the f2 test. The f2 effective value according to Mukhlisin et al. [21] if ≥ 0.02 indicates a small effect size, ≥ 0.15 indicates a medium effect size, ≥ 0.35 indicates a large effect size. as follows:

F2 Effect Size Test Table

Influence	Effect Size Value	Information
Algorithmic Bias -> Digital Literacy	0.023	Weak Influence
Algorithmic Bias -> Marketing Performance	0.000	Weak Influence
Cross Cultural -> Digital Literacy	0.310	Have a big influence
Cross Cultural -> Marketing Performance	0.084	Weak Influence
Digital Literacy -> Marketing Performance	0.047	Weak Influence
Local Media -> Digital Literacy	0.140	Moderate Influence
Local Media -> Marketing Performance	0.168	Moderate Influence

Based on the table above, the variables can be identified. Cross-Cultural has a significant influence on Digital Literacy with an effect size value of 0.310.

4.10. Goodness of Fit Evaluation

To validate the overall model, goodness of fit (GoF) is used. The GoF index is a single measure used to validate the combined performance of the measurement model (outer model) and the structural model (inner model). The GoF index value is obtained from the average communalities index multiplied by R2 models. Here is the Gof index formula:

$$Gof = \sqrt{rata - rata} \text{ AVE } x \text{ rata} - rata \text{ R2}$$

$$Gof = \sqrt{0,653} \text{ x } 0,510$$

$$Gof = \sqrt{0,333} = 0.577$$

Based on the calculation results, the Gof value obtained was 0.577, so the goodness of fit (GoF) of the model falls into the moderate GoF category.

4.11 23 artial Hypothesis Testing
The hypothesis in this study will be tested using path coefficient values and t-values to d59 mine whether there is a significant influence or not. In addition, the results of the path significance test also show the value of the parameter coefficient (original sample). The parameter coefficient indicates the significance value of the influence of each research



Table. 9.

Path Significance Test	18				
Hypothesis	Influence	Original	T statistics	P	Information
		sample	(IO/STDE	values	
		(O)	VI)		
H1	Cross Cultural -> Digital Literacy	0.499	5,858	0.000	Significant
H2	Algorithmic Bias -> Digital Literacy	-0.134	1,704	0.044	Significant
H3	Local Media -> Digital Literacy	0.352	3,804	0.000	Significant
H4	Cross Cultural -> Marketing Performance	0.276	2,774	0.003	Significant
H5	Algorithmic Bias -> Marketing	0.006	0.077	0.469	Not
	Performance				Significant
H6	Local Media -> Marketing Performance	0.384	5,980	0.000	Significant
H7	Digital Literacy -> Marketing Performance	0.202	1,656	0.049	Significant
H8	Cross-Cultural -> Digital Literacy ->	0.101	1,502	0.067	Not
	Marketing Performance				Significant
H9	Algorithmic Bias -> Digital Literacy ->	-0.027	1.275	0.101	Not
	Marketing Performance				Significant
H10	Local Media -> Digital Literacy ->	0.071	1,592	0.056	Not
	Marketing Performance				Significant

In this study, the researcher used a confidence level of 95%. The path coefficient score indicated by the T-statistic value must be above 1.64 for a one-tailed hypothesis. Based on the Path Coefficient and T-Statistics in the table above, the following

Hypothesis 1: InfluenceCross CulturalToDigital Literacy Ho: Cross-cultural does not have a significant effect on Digital Literacy

H1: Cross-Cultural has a significant positive effect on Digital Literacy

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 5.858 is greater than the t table value (1.64), and the P25 lue is 0.000 <0.05. Thus, the results of testing hypothesis 1 are H0 rejected and H1 accepted, meaning that Cross-Cultural has a significant positive effect on Digital

Literacy.

The Cross-Cultural variable has an original sample value of 0.499 with a positive direction, meaning that the better the Cross-Cultural, the Digital Literacy will also increase by 0.499.

Hypothesis 2: InfluenceAlgorithmic BiasToDigital Literacy

Ho: Algorithmic Bias does not have a significant effect on Digital Literacy H1: Algorithmic Bias has a significant positive effect on Digital Literacy

The results of the analysis using SMART PLS are presented in the table above with a significance_level of 5%. The resulting T-statistic value of 1.704 is greater than the t table value (1.64), and the P-value is 0.044 <0.05. Tus, the results of testing hypothesis 2 are H0 rejected and H1 accepted, meaning that Algorithmic Bias has a significant negative effect on

The Algorithmic Bias variable has an original sample value of -0.134 with a negative direction, meaning that the better the Algorithmic Bias, the more Digital Literacy will decrease by 0.134. Hypothesis 3: InfluenceLocal MediaToDigital Literacy

Ho: Local Media does not have a significant effect on Digital Literacy

H1: Local Media has a significant positive effect on Digital Literacy

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 3.804 is greater than the t-table value (1.64), and the 23 alue is 0.000 < 0.05. Thus, the results of testing hypothesis 3 are H0 rejected and H1 accepted, meaning that Local Media has a significant positive effect on Digital

The Local Media variable has an original sample value of 0.352 with a positive direction, meaning that the better the Local Media, the more Digital Literacy will increase by 0.352.

Hypothesis 4: InfluenceCross CulturalToMarketing performance

Ho: Cross-cultural does not have a significant effect on Marketing performance

H1: Cross-cultural has a significant positive effect on Marketing performance

The Cross-Cultural variable has an original sample value of 0.276 with a positive direction, meaning that the better the

Cross-Cultural, the Marketing performance will also increase by 0.276. Hypothesis 5: InfluenceAlgorithmic BiasToMarketing performance

Ho: Algorithmic Bias does not have a significant effect on Marketing performance

H1: Algorithmic Bias has a significant positive effect on Marketing performance
The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The

resulting T-statistic value of 0.077 is smaller than the t table value (1.64), and the P-value is 0.469> 0.05. Thus, the results of

testing hypothesis 5 are H0 accepted and H1 rejected, meaning that Algorithmic Bias has no significant effect on Marketing

The Algorithmic Bias variable has an original sample value of 0.006 with a positive direction, meaning that the better the Algorithmic Bias, the Marketing performance will also increase by 0.006. Hypothesis 6: InfluenceLocal MediaToMarketing performance

Ho: Local Media does not have a significant effect on Marketing performance

H1: Local Media has a significant positive effect on Marketing performance

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 5.980 is greater than the t-table value (1.64), and the state of 5.980 is greater than the t-table value (1.64), and the state of testing hypothesis 6 are H0 rejected and H1 accepted, meaning that Local Media has a significant positive effect on Marketing

The Local Media variable has an original sample value of 0.384 with a positive direction, meaning that the better the Local Media, the Marketing performance will also increase by 0.384.

 $Hypothesis\ 7: Influence Digital\ literacy To Marketing\ performance$

Ho: Digital literacy does not have a significant effect on marketing performance.

H1: Digital literacy has a significant positive effect on marketing performance.

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 1.656 is greater than the t-table value (1.64), and the P-value 10.049 <0.05. Thus, the results of testing hypothesis 7 are H0 rejected and H1 accepted, meaning that Digital literacy has a significant positive effect on Marketing performance.

The Digital literacy variable has an original sample value of 0.202 with a positive direction, meaning that the better the Digital literacy, the Marketing performance will also increase by 0.202.

Hypothesis 8: InfluenceCross CulturalToMarketing performance through Digital Literacy

Ho: Cross-cultural does not have a significant effect on Marketing performance through Digital Literacy

H1: Cross-Cultural has a significant positive effect on Marketing performance through Digital Literacy

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 1,502 is smaller than the t table value (1.64), and the P-value is 7067> 0.05. Thus, the results of testing hypothesis 8 are H0 accepted and H1 rejected, meaning that Cross-Cultural does not have a significant effect on Marketing performance through Digital literacy.

Hypothesis 9: Influence Algorithmic Bias ToMarketing performance through Digital Literacy

Ho: Algorithmic Bias does not have a significant effect on Marketing performance through Digital Literacy

H1: Algorithmic Bias has a significant positive effect on Marketing performance through Digital Literacy

The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 1.275 is smaller than the t-table value (1.64), and the P-value is 7.101 > 0.05. Thus, the results of testing hypothesis 9 are H0 accepted and H1 rejected, meaning that Algorithmic Bias does not have a significant effect on Marketing performance through Digital literacy.

Hypothesis 10: InfluenceLocal MediaToMarketing performance through digital literacy

Ho: Local Media does not have a significant effect on Marketing performance through Digital literacy

H1: Local Media has a significant positive effect on Marketing performance through Digital literacy
The results of the analysis using SMART PLS are presented in the table above with a significance level of 5%. The resulting T-statistic value of 1.592 is smaller than the t table value (1.64), and the P-value is 7056> 0.05. Thus, the results of testing hypothesis 10 are H0 accepted and H1 rejected, meaning that Local Media does not have a significant effect on Marketing performance through Digital literacy.

5. Dio ussion

The results of this study are in line with research trends demonstrating how culturally relevant marketing messaging significantly boosts engagement and the efficacy of marketing campaigns. This study is based on research trends demonstrating how culturally relevant marketing messaging significantly boosts engagement and the efficacy of marketing campaigns. Customers are more likely to accept and share culturally relevant content, such as local language and symbols [11, 22, 23]. Nevertheless, prior studies have not thoroughly investigated the extent to which algorithm bias in digital platforms might affect the visibility and influence of digital literacy and culturally appropriate content on marketing performance as a marketing strategy. In this study on digital marketing, the hypothesis of algorithmic bias as an independent variable focuses on how algorithms can lead to unfair or inaccurate results, which then influence marketing strategies [7, 8, 24]. Algorithmic bias can influence how marketing messages are disseminated, who sees them, and how they respond

Unrepresentative data, algorithms created with incorrect presumptions, or the impact of preexisting social and cultural systems are some of the drivers of this bias [8, 25]. Few studies have examined how local media and particular cultural contexts can interact to influence digital marketing performance, even though local media play a crucial role in forming cultural perceptions[26-28]. For example, content tailored to local cultural values and technology leads to higher engagement and better marketing strategies [29-32].

Few studies have examined how local media and particular cultural settings can interact to influence digital marketing performance, despite the fact that local media are crucial in forming cultural attitudes [26-28]. The algorithms used to deliver marketing messages are often impacted by unrepresentative data and design assumptions that disregard cultural diversity. According to this study, the algorithm's messaging can occasionally be at odds with local norms and values, which lowers

the efficacy of advertising campaigns. According to this study, local symbols or tastes can boost consumer engagement something that is typically disregarded in writing intended for a worldwide readership.

This study indicates that marketing strategies that fail to consider the role of local media struggle—the fail to connect with their target audiences. Local media's impact varies between the two countries due to differences in media consumption dgi digital literacy among their respective populations. How consumers in both nations perceive and react to digital marketing is influenced by their level of digital literacy [9]. This study suggests that customers who are not digitally literate may have more challenging time comprehending communications provided through digital media, mainly when those

communications contain culturally sensitive topics [9, 33].

Conversely, customers with higher levels of digital literacy are more equipped to assess marketing materials critically. Marketing results and consumer involvement can be enhanced by including cultural factors such as local language, symbols, and beliefs. This is consistent with earlier studies demonstrating that more culturally relevant content is more engaging. This study's thorough comprehension of local context, mainly how local media and algorithms affect message distribution, is explained by cultural adaptation.

6. Conclusion

The study results show that culturally relevant marketing messages significantly increase customer engagement and boost the effectiveness of digital marketing strategies. Marketing effectiveness is increased because audiences are more likely to accept and share cultural elements such as regional symbols, language, and values. However, this study also shows that the impact and visibility of culturally relevant content can be impacted by algorithmic bias on digital platforms. The dissemination of culturally relevant messages can be impeded by this bias, which unrepresentative data, incorrect design assumptions, or the influence of preexisting social and cultural institutions can cause

In addition, local media play a significant role in shaping cultural perceptions and mediating interactions between digital content and consumers. However, little research explores how local media and specific cultural contexts interact to influence digital marketing performance. This study finds that marketing strategies that ignore the role of local media tend to be less effective in reaching target audiences, mainly due to differences in media consumption and digital literacy levels across

Consumer digital literacy in Indonesia and Malaysia is crucial in understanding and responding to digital marketing messages. Consumers with lower levels of digital literacy tend to have difficulty understanding messages, especially when they contain complex cultural elements. In contrast, consumers with higher levels of digital literacy can better evaluate marketing communications critically and appreciate culturally relevant content. Therefore, effective digital marketing must consider the balance between cultural adaptation, digital algorithms, and the role of local media to achieve optim 62 mpact.

The study's findings provide new insights into how algorithmic bias, local media, and digital literacy influence the success of culture-based marketing. The study's practical consequences indicate that businesses and digital marketers should be more careful in understanding how algorithms and local media can influence the distribution and reception of marketing messages while improving consumers' digital literacy to respond more effectively.

- M. A. F. Qurtubi, M. Sugarindra, A. Hidayat, and M. Suyanto, "The impact of digital marketing: A systematic," iJIM, vol. 16, [1] no. 13, p. 15, 2022. https://doi.org/10.3991/ijim.v16i13.30609
 T. Moorthy and S. Sahid, "The influence of digital marketing literacy on entrepreneurship behavior among public university
- [2] students in Malaysia," International Journal of Academic Research in Business and Social Sciences, vol. 12, no. 1, pp. 548-568, 2022. https://doi.org/10.6007/ijarbss/v12-i1/11837
- J. Abbas, Q. Zhang, I. Hussain, S. Akram, A. Afaq, and M. A. Shad, "Sustainable innovation in small medium enterprises: the [3] J. Abbas, Q. Zhang, I. Hussain, S. Akram, A. Atlaq, and M. A. Shad, Sustainable innovation in small mentum enterprises: the impact of knowledge management on organizational innovation through a mediation analysis by using SEM approach," Sustainability, vol. 12, no. 6, p. 2407, 2020. https://doi.org/10.3390/su12062407

 S. Rajah, S. Kadir, and W. F. Yusoff, "Malaysian entrepreneurial ecosystem influence on SMEs business performance," in In Proceedings of the 33rd International Business Information Management Association Conference, IBIMA (pp.7421-7438), 2019.
- [4]
- F.-E. Bordeleau, E. Mosconi, and L. A. de Santa-Eulalia, "Business intelligence and analytics value creation in Industry 4.0: a multiple case study in manufacturing medium enterprises," *Production Planning & Control*, vol. 31, no. 2-3, pp. 173-185, 2020. [5] //doi.org/10.1080/09537287.2019.1631458
- H. Zhang, S. Gupta, W. Sun, and Y. Zou, "How social-media-enabled co-creation between customers and the firm drives business [6] value? The perspective of organizational learning and social Capital," *Information & Management*, vol. 57, no. 3, p. 103200, 2020. https://doi.org/10.1016/j.im.2019.103200
- F. Zechiel, M. Blaurock, E. Weber, M. Büttgen, and K. Coussement, "How tech companies advance sustainability through [7] artificial intelligence: Developing and evaluating an Al x Sustainability strategy framework," *Industrial Marketing Management*, vol. 119, pp. 75-89, 2024. https://doi.org/10.1016/j.indmarman.2024.03.010
 S. Akter, S. Sultana, M. Mariani, S. F. Wamba, K. Spanaki, and Y. K. Dwivedi, "Advancing algorithmic bias management
- [8] capabilities in AI-driven marketing analytics research," Industrial Marketing Management, vol. 114, pp. 243-261, 2023. doi.org/10.1016/j.indmarman.2023.08.013
- [9]
- R. H. Sitaniapessy et al., "The advantages of digital literacy strategies to improve msme's business performance," European Journal of Theoretical and Applied Sciences, vol. 2, no. 1, pp. 504-512, 2024. https://doi.org/10.59324/ejtas.2024.2(1).43
 L. Pangrazio, A.-L. Godhe, and A. G. L. Ledesma, "What is digital literacy? A comparative review of publications across three language contexts," E-learning and Digital Media, vol. 17, no. 6, pp. 442-459, 2020. https://doi.org/10.1177/2042753020946291 F101
- [11] A. Mardatillah and R. Prayuda, "Sustainability of business strategy based on indigenous product creativity in the weaving industry of palm oil waste in Riau, Indonesia," International Journal of Sustainable Development & Planning, vol. 18, no. 8, pp. 2571–2578, 2023. https://doi.org/10.18280/ijsdp.180829

- [12] A. Mardatillah, S. u. J. Raharia, B. Hermanto, and T. Herawaty, "Riau Malay food culture in Pekanbaru, Riau Indonesia; commodification, authenticity, and sustainability in a global business era," Journal of Ethnic Foods, vol. 6, pp. 1-10, 2019. https://doi.org/10.1186/s42779-019-0005-7
- [13] A. Mardatillah, "The enterprise culture heritage of Minangkabau cuisine, West Sumatra of Indonesia as a source of sustainable competitive advantage," *Journal of Ethnic Foods*, vol. 7, no. 1, p. 34, 2020. https://doi.org/10.1186/s42779-020-00059-z
- [14] A. Mardatillah, R. Rosmayani, and S. Ramadani, "Sustainable competitive advantage of Riau Malay weaving industry based on ocal wisdom," International Research Journal of Business Studies, vol. 13, no. 3, pp. 227–240, 2020
- [15]
- M. Eslami et al., "I always assumed that I wasn't really that close to [hen" reasoning about invisible algorithms in news feeds," in In Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems (pp. 153-162), 2015.

 A. Christiyana ArulSelvi, S. Sendhilkumar, and G. Mahalakshmi, "Identifying trusted similar users using stochastic model and next-closure based knowledge model in online social networks," Cluster Computing, vol. 22, no. Suppl 6, pp. 14625-14635, 2019. https://doi.org/10.1007/s10586-018-2374-x [16]
- X. Xie, Y. Du, and Q. Bai, "Why do people resist algorithms? From the perspective of short video usage motivations," Frontiers in Psychology, vol. 13, p. 941640, 2022. https://doi.org/10.3389/fpsyg.2022.941640

 B. Zarouali, S. C. Boerman, and C. H. de Vreese, "Is this recommended by an algorithm? The development and validation of the [17]
- [18] algorithmic media content awareness scale (AMCA-scale)," *Telematics and Informatics*, vol. 62, p. 101607, 2021. https://doi.org/10.1016/j.tele.2021.101607
- https://doi.org/10.109/j.ete.2021.10160/ J.F.Hair, C. M. Ringle, S. P. Gudergan, A. Fischer, C. Nitzl, and C. Menictas, "Partial least squares structural equation modeling-based discrete choice modeling: An illustration in modeling retailer choice," *Business Research*, vol. 12, no. 1, pp. 115-142, [19] 2019.
- W. W. Chin, Commentary: Issues and opinion on structural equation modeling. JSTOR, 1998, pp. vii-xvi.
- этомогов, в этохан, ана г. Djastuu, "Islamic leadership and performance: Mediating role of affective commitment at islamic boarding schools in central Java Indonesia," *The International Journal of Educational Organization and Leadership*, vol. 29, no. 2, p. 1, 2022. [21]
- [22]
- 2.p.1, 2022.
 A. Assensoh-Kodua, "The resource-based view: A tool of key competency for competitive advantage," Problems and Perspectives in Management, vol. 17, no. 3, p. 143, 2019. https://doi.org/10.21511/ppm.17(3).2019.12
 H. A. Setyawati, A. Suroso, P. H. Adi, W. R. Adawiyah, and I. Helmy, "Making local product attractive: The role of indigenous value in improving market performance," Geo Journal of Tourism and Geosites, vol. 29, no. 2, pp. 746-755, 2020. https://doi.org/10.30892/GTG.29228-503 [23]
- S. Akter, Y. K. Dwivedi, K. Biswas, K. Michael, R. J. Bandara, and S. Sajib, "Addressing algorithmic bias in ai-driven customer management," *J. Glob. Inf. Manag*, vol. 29, no. 6, pp. 1–27, 2021. https://doi.org/10.4018/JGIM.20211101.oa3

 M. M. Ghani, W. A. Mustafa, M. E. A. B. Hashim, H. F. Hanafi, and M. Al-Farouni, "Decoding digital dynamics: Attitude [24]
- [25] algorithms in online gaming redefining communication experiences," presented at the In 2023 International Conference for Technological Engineering and its Applications in Sustainable Development (ICTEASD) (pp. 99-104), 2023.
- [26]
- Technological Injecting and is Applications in Sustainance Development (CTL23D) (pp. 37-104), 2021.

 Computer Science, vol. 207, pp. 3028-3037, 2022. https://doi.org/10.1016/j.procs.2022.09.361

 N. Venkatsamy and T. Vadicherla, "Ethnic styles and their local strengths," Ethnic Fashion, pp. 131-166, 2016. https://doi.org/10.1007/978-981-10-0765-1_6 [27]
- J. Sipola, M. Saunila, and J. Ukko, "Adopting artificial intelligence in sustainable business," *Journal of Cleaner Production*, vol. 426, p. 139197, 2023. https://doi.org/10.1016/j.jclepro.2023.139197
 G. Gabajová, M. Krajčovič, B. Furmannová, M. Matys, V. Biňasová, and M. Stárek, "Augmented reality as a powerful marketing [28]
- [29]
- tool," Proceedings of CBU in Economics and Business, vol. 2, pp. 41-47, 2021.

 F. R. D. Fred and R. David, Strategic management: A competitive advantage approach concepts and cases, 16th ed. Harlow. [30] England: Pearson Education Limited, 2017.
- England: Pearson Enucuation Limited, 2017.

 F. Bellalouna, "The augmented reality technology as enabler for the digitization of industrial business processes: Case studies,"
 Procedia CIRP, vol. 98, pp. 400-405, 2021. https://doi.org/10.1016/j.procir.2021.01.124

 N. El-Bassiouny, "The Hijabi self: authenticity and transformation in the Hijabi fashion phenomenon," Journal of Islamic
 Marketing, vol. 9, no. 2, pp. 296-304, 2018. https://doi.org/10.1108/JIMA-12-2016-0102
- [32]
- [33] P. K. Kopalle, M. Gangwar, A. Kaplan, D. Ramachandran, W. Reinartz, and A. Rindfleisch, "Examining artificial intelligence (AI) technologies in marketing via a global lens: Current trends and future research opportunities," *International Journal of* Research in Marketing, vol. 39, no. 2, pp. 522-540, 2022. https://doi.org/10.1016/j.ijresmar.2021.11.002

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