

Utilisation of Social Media in Market Research and Business Decision Analysis

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ABSTRACT

In recent years, social media has experienced significant growth and become a very popular platform for individuals and companies. Social media such as Facebook, Twitter, Instagram, and LinkedIn have become important places for people to interact, share information, and express their opinions. This study aims to conduct a review of current literature on the utilisation of social media in market research and business decision analysis. The focus of this study is primarily qualitative. Methods for gathering data include paying close attention to detail while viewing and recording data, and then using analytical techniques such as data reduction, visualisation, and inference to draw conclusions. The study concluded that utilising social media in market research and business decision analysis can provide significant benefits for companies in understanding consumers, identifying market trends, and making smarter business decisions. With direct access to real-time data and user insights, companies can unearth valuable information about their consumers' preferences, behaviours, and needs.

Keyword: Social Media, Market Research, Business Decisions

INTRODUCTION

The present investigation pertains to the employment of social media in the context of market research and the analysis of business decisions. In recent years, social media has experienced significant growth and become a very popular platform for individuals and companies (Subagja et al., 2022). Social media platforms, including Facebook, Twitter, Instagram, and LinkedIn, have emerged as significant venues for individuals to engage with one another, disseminate information, and articulate their viewpoints (Tarigan et al., 2023) and (Férine et al., 2023).

The emergence of this phenomenon presents novel prospects for market researchers and business practitioners to leverage the information produced by users of social media. The analysis of user-generated content on social media platforms can yield significant findings regarding consumer behavior, market patterns, brand image, and consumer sentiment towards specific goods or services (Kim & Lee, 2017).

The employment of social media in market research has emerged as a progressively prevalent domain of inquiry (Creevey et al., 2022). By means of social media data analysis, scholars are able to monitor and comprehend consumer behavior in real-time, detect emerging trends, and acquire direct feedback from consumers regarding particular products or services (Ausat, Siti Astuti, et al., 2022). Furthermore, social media can serve as a valuable instrument for evaluating business strategies. The utilization of social media data can furnish insights into the impact of a company's marketing and promotional tactics on consumers' attitudes and purchasing behavior (Wibowo et al., 2020). Through comprehending and scrutinizing this data, corporations can enhance their operational tactics, detect novel prospects, and react more efficiently to consumer concerns or grievances.

Although social media presents significant potential for market research and business decision analysis, there exist several challenges that require resolution. The vast amount of data produced by social media necessitates the utilization of advanced analytical techniques to effectively manage its intricacies. Furthermore, it is imperative to take into account the privacy and ethical concerns associated with the gathering and utilization of social media data.

The objective of this study is to perform a literature review on the utilization of social media for market research and business decision analysis. Through a thorough examination of prior research and studies, this investigation aims to furnish a comprehensive comprehension of contemporary approaches, methodologies, and discoveries concerning the utilization of social media as a data source for market research and business decision analysis.

LITERATURE REVIEW

Social Media

Social media refers to an online platform or website that facilitates interaction, content sharing, and information generation or consumption among individuals and groups (Tarigan et al., 2023). Digital communication is a means of establishing connections between individuals through the internet, encompassing both personal and professional interactions (Harini et al., 2023). Social media platforms enable individuals and organizations to generate personalized profiles or commercial pages, upload diverse forms of content, including text, images, video, and audio, and engage with other users through a range of functionalities, such as comments, likes, shares, and private messages. Several widely-used social media platforms include Facebook, Twitter, Instagram, LinkedIn, YouTube, Snapchat, and numerous others. The advent of social media has brought about a transformation in the manner in which individuals engage with one another, exchange ideas, and access knowledge. Social networking platforms facilitate user connections with acquaintances, relatives, and colleagues, while also enabling the establishment of relationships with individuals who possess comparable hobbies or pursuits (Ausat, 2023). Furthermore, social media functions as a means of disseminating news and information, a forum for expressing viewpoints and concepts, and a channel for advertising goods or services. Social media platforms provide users with the liberty to generate their own content, disseminate their ideas, articulate viewpoints, and engage in worldwide dialogues. The phenomenon generates an extensive and heterogeneous virtual realm, wherein individuals from various socio-cultural contexts can engage, cooperate, and establish digital societies.

Social media has also become an important tool for companies and organisations to build brands, conduct marketing and promotions, and interact with customers. Social media platforms can be utilized by businesses to acquire immediate feedback from customers, gain insights into consumer preferences and actions, and expand the reach of their offerings to a broader demographic. Nonetheless, it is crucial to bear in mind that the utilization of social media may entail specific difficulties and hazards, including but not limited to data confidentiality and protection, dissemination of misinformation, excessive reliance on digital platforms, and online criminal activity. Consequently, it is imperative for individuals utilizing social media to exercise prudence, regulate their privacy configurations, and employ the platform judiciously.

Market Research

Market research is a systematic and structured approach that involves the gathering,

examination, and interpretation of pertinent data pertaining to markets, consumers, and competitors (Sharma, 2022). The primary objective of this process is to gain insights into consumer requirements, inclinations, and actions, as well as market dynamics. The purpose of conducting market research is to assist companies in making strategic decisions pertaining to product development, marketing, and pricing. The primary aim of conducting market research is to acquire comprehensive understanding of the intended market and prospective customers. Through the implementation of market research, corporations can discern extant market prospects, evaluate the market's demand and potential for their commodities or amenities, and comprehend the competition and market inclinations that could impact the triumph of their enterprise (Muhamad et al., 2023). The process of conducting market research encompasses multiple stages, which include:

1. Determination of research objectives: Define the specific objectives of market research, for example, to understand consumer preferences, test new product concepts, or identify market segmentation.
2. Research design: Designing the research methods that will be used to collect data, such as surveys, interviews, observations, or secondary data analysis.
3. Data collection: Conduct data collection using the designed methods, either through online surveys, direct interviews, field observations, or through secondary data sources such as market reports or business databases.
4. Data analysis: Analyse the collected data using statistical techniques or qualitative analysis, depending on the type of data collected. The purpose of data analysis is to identify patterns, trends, and insights that can be used to inform business decisions.
5. Interpretation and reporting: Interpret the results of the data analysis and present the findings in the form of a market research report. The report contains data analyses, conclusions, recommendations, and business implications based on the research results.

Through the systematic implementation of market research, companies can mitigate uncertainty in their business decision-making processes, effectively allocate their marketing resources, create products and services that cater to consumer demands, and ultimately emerge victorious in a competitive market. Market research is a valuable tool for companies to gain insight into emerging market trends, anticipate evolving consumer needs, and periodically assess their marketing performance (Subagja et al., 2023).

Business Decision

Business decisions pertain to the systematic approach of choosing actions or measures implemented by a manager or business leader in order to attain the objectives of an organization or corporation (Harahap et al., 2023). Business decisions encompass a multitude of facets, including but not limited to product development, marketing, finance, human resources, operations, and overarching business strategy (Ausat et al., 2023). Business decisions are frequently grounded on the scrutiny of pertinent information, data, and other factors that are germane to the business scenario under consideration (Ausat, Widayani, et al., 2022). The primary aim of business decision-making is to attain the optimal or most lucrative result for the organization (Zen et al., 2023), while considering resource limitations, hazards, and the company's long-term objectives. The process of making business decisions encompasses multiple stages, which may include:

1. Problem or opportunity identification: Identifying problems or opportunities that the organisation needs to address or take action on. These may include declining sales, increased competition, changing market demands, or opportunities to expand into new markets.
2. Information gathering and analysis: Collect relevant data, information, and factors to provide a comprehensive understanding of the business situation. Analysis of relevant data and information is conducted to understand market trends, consumer behaviour, financial performance, and other factors that may influence decisions.
3. Evaluation of alternatives: Analysing and evaluating various alternatives or possible options in the face of existing problems or opportunities. Such alternatives may include new product development, different marketing strategies, cost reduction, or organisational restructuring.

4. Decision making: Selecting the option or alternative that is deemed most suitable for the organisation's goals and needs. This decision is based on the information that has been analysed, consideration of risk factors, resource limitations, and the long-term goals of the company.
5. Decision implementation: Carrying out the decisions that have been made by designing and executing the necessary action plans. This involves allocating resources, coordinating team activities, and controlling the implementation process.
6. Evaluation and monitoring: Evaluating and monitoring the results of the decisions taken to ensure that the desired objectives are achieved. If the results are not satisfactory, changes or adjustments to the decision can be made to achieve better results.

Decision-making in business can take place at a variety of levels within an organization, ranging from the most strategic decisions, which are made by top executives, to the more operational, tactical decisions, which are made by mid-level managers. When running a business, it's important to conduct thorough research, have a solid understanding of the industry and your target demographic, and give careful attention to the implications of potential risks and costs.

RESEARCH METHOD

There was no primary data collection through in-depth field research as part of this study; instead, the researchers relied on secondary sources and analysed them in the laboratory. The researchers consulted a number of sources to conduct the investigation efficiently. Digital media and scientific databases were searched for relevant sources using keyword searches related to the topic presented here. The topic covered was the utilisation of social media in market research and business decision analysis. The authors' search strategies appeared flexible, allowing them to utilise a wider range of print and digital resources to obtain the information they needed. We benefited from the resulting time savings. Our arguments are supported by scholarly articles and databases such as ResearchGate, Elsevier, and Emerald Insight. The utilisation of social media in market research and business decision analysis is the main topic of this study. The authors use keyword emphasis to help set the boundaries of the discussion and ensure coherence in the arguments made. To achieve this, we used qualifying terms. Journal articles, essays, and other scholarly works published after 2015 were the main focus of this research. During the search process, we used targeted keywords to browse through various online databases. It should be noted that this study only included articles, journals, and publications that were deemed to be critical to the topic of social media utilisation in market research and business decision analysis. Papers, journals and magazines not directly related to the topic were excluded. Overall, the 33 works cited in this article provide a broad coverage of the topic.

The present inquiry is classified as a qualitative investigation. During the process of data collection, techniques such as attentive listening and meticulous recording of all relevant information were employed. The methods mentioned earlier were employed during the course of the data analysis procedure, encompassing data reduction, data presentation, and conclusion formulation, in order to guarantee a comprehensive analysis. The principal aim of this investigation was to enhance our acquaintance with the literature scrutinized for this endeavor. Through the process commonly known as "data reduction," the amassed data underwent a methodical arrangement, classification, and refinement to enable the derivation of significant inferences and the generation of noteworthy results. Due to the intricate and diverse nature of the data, it was necessary to conduct analysis during the reduction phase itself. In this phase, our attention was directed towards the process of condensing the information to its most pertinent components, with the aim of attaining our ultimate objective. Initially, a compilation of 45 distinct sources was amassed. The inaugural procedure yielded a modification of 33 units for the quantitative variable. Furthermore, visual aids in the form of graphs and charts will be employed to elucidate the presented data. The subsequent phase in the data reduction procedure entails a methodical arrangement of the dataset in a structured manner, with the aim of enhancing comprehension and streamlining inference. Within this particular context, information is commonly conveyed by

means of field notes, which can be regarded as a form of written discourse. The utilization of this particular methodology for data presentation possesses the potential to enhance the categorization and arrangement of data within relational contexts. The ultimate phase of the inquiry involves deducing logical conclusions from the amassed data, thereby culminating the investigation. The culmination of said action has brought about the attainment of a comprehensive methodology for scrutinizing qualitative data. Upon completion of data reduction and presentation, a thorough examination was conducted to verify that all aspects were aligned with the objectives of the investigation. The objective of this particular phase is to extract significance from the amassed data by discerning patterns, resemblances, and distinctions that can be utilized to devise remedies for predicaments that have already been recognized. The outcomes obtained from these sources are deemed to be of great dependability. The objective of this endeavor is to accumulate precise and reliable information with the aim of enhancing comprehension.

RESULTS AND DISCUSSION

The incorporation of social media in market research and business decision analysis has emerged as a significant facet in the contemporary digital era (Kraugusteeliana et al., 2022). The emergence of social media platforms, including but not limited to Facebook, Twitter, Instagram, and LinkedIn, has provided companies with direct access to significant data and insights pertaining to their consumers' preferences, behaviors, and requirements. Within this particular context, social media has emerged as an exceedingly efficacious instrument for comprehending the market, discerning patterns, and formulating more astute business determinations (Sutrisno, Ausat, et al., 2023).

The utilization of social media in market research offers a significant advantage in acquiring pertinent and contemporaneous information (Wu, 2023). Companies can directly access information about users' preferences, opinions, and needs when they share such details on social media (Rustiawan et al., 2023). This expeditiously offers an understanding of the discourse of their intended recipients, their preferences, and aversions (Dwivedi et al., 2022). Through the analysis of this data, corporations can discern nascent market trends and requirements, thereby enhancing the efficacy of their business strategies.

Furthermore, social media offers a medium through which corporations can engage in direct communication with their clientele. By utilizing comment features, private messages, or open forum discussions, corporations have the ability to solicit inquiries, obtain feedback, and engage in direct communication with their clientele (Appel et al., 2020). This facilitates organizations in acquiring primary insights into their offerings, comprehending customer requirements more effectively, and assessing customer contentment in a timely manner. The aforementioned data can be utilized to enhance product innovation, promotional tactics, and augment customer support (Sutrisno, Kuraesin, et al., 2023); (Diawati et al., 2023) and (Saputra et al., 2023).

In addition, social media platforms serve as a valuable reservoir of information for conducting sentiment analysis and gathering customer feedback. By utilizing text analysis and natural language processing methodologies, corporations can examine a vast amount of social media posts and comments to obtain an understanding of customer attitudes towards a specific brand, product, or service. The utilization of sentiment analysis can aid companies in comprehending customer reactions towards novel products or marketing initiatives, while also identifying potential concerns or complications that necessitate prompt resolution (Rambocas & Pacheco, 2018).

Furthermore, social media platforms enable enterprises to execute marketing campaigns that are more efficient and quantifiable (Ausat & Suherlan, 2021). Through the utilization of advertising functionalities provided by social media platforms, corporations can accurately direct their advertisements towards pertinent audiences, contingent on demographic, interest, or behavioral information. The capability to quantify and monitor advertisement responses enables corporations to comprehend the efficiency of their promotional initiatives promptly, discern successful and unsuccessful tactics, and modify marketing approaches as needed.

When employing social media for market research and business decision analysis, it is crucial to bear in mind that there exist various challenges and factors that require careful consideration (Kumar et al., 2021). Initially, it is crucial to bear in mind that information acquired from social media platforms typically lacks organization or structure. It is imperative for corporations to employ suitable analytical techniques and instruments to classify, screen, and manipulate the acquired data. Various methodologies, including text analysis, natural language processing, and social network analysis, can be employed to transform unstructured data into significant insights that can aid in making informed business judgments. Secondly, it is imperative to bear in mind that social media does not provide an impeccable depiction of the entire populace. The inclusive and collaborative attributes of social media may result in the presence of specific traits or inclinations among its users that do not reflect the broader demographics of society (Abbas et al., 2019). Hence, it is imperative for organizations to acknowledge these constraints and refrain from solely depending on social media information while formulating strategic determinations. To achieve a comprehensive understanding of the market, it is advisable to supplement the use of social media in market research with other research methods, such as surveys, interviews, or direct observation.

Furthermore, the consideration of privacy and ethics is crucial when utilizing social media for market research purposes. It is imperative for corporations to adhere to the privacy policies established by social media users and handle data with ethical considerations. Unauthorized usage of user data or infringement of privacy can potentially damage the reputation of a company and result in legal ramifications (Seh et al., 2020). Hence, it is imperative for corporations to ensure that they acquire data with explicit consent, appropriately store and safeguard data, and employ data solely for sanctioned objectives. It is important to note that social media is subject to continuous evolution and rapid change. Emerging platforms, evolving user trends and preferences, and shifting platform algorithms are all factors that contribute to the dynamic nature of the digital landscape (Spilker & Colbjørnsen, 2020). Hence, it is imperative for corporations to stay abreast of the most recent advancements in social media and modify their market research tactics correspondingly. Furthermore, it is imperative to consistently monitor and assess the efficacy of utilizing social media in market research and business decision analysis, and implement modifications as needed.

The utilization of social media in market research and business decision analysis presents noteworthy prospects for corporations to comprehend consumer behavior, recognize market patterns, and enlighten business tactics (Aker & Sultana, 2020). However, it is important to remember that the use of social media must be done with caution, be mindful of limitations, and adhere to privacy and ethical principles. By adopting an appropriate strategy, social media can serve as a potent instrument to facilitate astute and prosperous business judgments (Bilgin, 2018). In practical terms, there are several measures that companies can adopt to leverage social media for market research and business decision analysis:

1. **Determine Market Research Objectives:** Determine the market research objectives you want to achieve by using social media. Is the goal to understand consumer preferences, identify market trends, measure customer satisfaction, or keep an eye on competitors? A clear objective will help formulate the right approach and determine relevant measurement metrics.
2. **Choosing the Right Social Media Platform:** Identify the social media platform that is most relevant to the company's target audience. Each platform has different characteristics and attracts different groups of users. For example, Facebook tends to be used by different age groups, while Instagram is more popular among the youth. Choosing the right platform will ensure relevant and accurate data.
3. **Create a Data Search Strategy:** Decide on keywords, hashtags, or topics that are relevant to the market research you want to conduct. The use of social media monitoring tools or sentiment analysis tools can help in searching and filtering relevant data from millions of posts and comments.
4. **Analysing Data:** Use appropriate analysis methods to process and analyse the data obtained. Text analytics and natural language processing can be used to identify trends, most talked about

topics, or user sentiment towards a particular brand or product. Social network analysis can help identify influences and interactions between users.

5. **Interact with Consumers:** Utilise interactive features on social media platforms to communicate directly with consumers. Ask questions, request feedback, or join relevant discussions. These interactions will provide direct insight into consumer preferences and needs, as well as provide opportunities to explain or clarify information related to the company's products or services.
6. **Utilise Advertising Features:** Use the advertising features offered by social media platforms to launch targeted marketing campaigns. Define target audiences based on demographic, interest or behavioural data, and measure campaign responses in detail. This allows companies to optimise and adjust marketing strategies based on the results obtained.
7. **Evaluation and Adjustment:** Continue to monitor and evaluate the effectiveness of social media utilisation in market research. Update the strategy if needed based on changing trends, new platforms, or customer responses. Continuous evaluation will help companies to continuously improve their understanding of the market and make better business decisions.

In order to utilise social media in market research and business decision analysis, companies can also consider the following best practices:

1. **Collaborate with Relevant Teams:** Involve the market research team, marketing team, and data analysis team in the utilisation of social media. Collaboration between these teams will enable the use of social media data to be more holistic and integrated with the overall business strategy.
2. **Use Social Media Analytics and Management Tools:** Make use of available social media analytics and management tools. These tools can help in collecting, filtering, and analysing social media data more efficiently. Some examples of popular tools include Hootsuite, Sprout Social, Brandwatch, and others.
3. **Pay Attention to Competitors:** In addition to monitoring conversations about a company's brand or products, pay attention to conversations about competitors as well. Analysing social media data about competitors can provide valuable insights into strengths, weaknesses, and trends in the industry that can help companies make better business decisions.
4. **Consider Geolocation and Language:** If the company has a global target market, it is important to consider geolocation and language in social media data analysis. Analysing data in relevant geographical and linguistic contexts will ensure an accurate understanding of consumer preferences and needs in various markets.
5. **Be Creative in Data Collection:** Besides relying on publicly available data on social media platforms, companies can also use creative methods to collect additional data. For example, companies can launch online surveys through social media to gain deeper insights or use more sophisticated social media monitoring techniques to find posts that may not be publicly visible.
6. **Keep Learning and Adapting:** Social media developments and user behaviour are constantly changing. Therefore, it is important for companies to keep learning and adapting to these changes. Keep up with the latest trends in social media, take relevant training or courses, and consider hiring experts or consultants who are experienced in social media utilisation.

The incorporation of social media in market research and business decision analysis is a potent and efficacious mechanism to comprehend consumers, recognize market trends, and enlighten business strategies. When approached strategically, social media can serve as a valuable information resource for companies seeking to enhance their competitiveness and make informed business decisions in the contemporary digital landscape.

CONCLUSION

The incorporation of social media in market research and business decision analysis can yield substantial advantages for firms in comprehending consumer behavior, recognizing market patterns, and formulating astute business judgments. By utilizing immediate access to current data and user insights, corporations can obtain valuable knowledge regarding the preferences, behaviors, and necessities of their customers. By means of sentiment analysis, direct customer interaction, and utilisation of advertising features, corporations can enhance their marketing strategies, elevate customer contentment, and gain insights for product or service advancement.

Nevertheless, when employing social media, corporations must take into account various factors. The unstructured nature of data derived from social media necessitates the utilization of suitable techniques and analytical instruments by firms to effectively process and scrutinize the data. Furthermore, it is crucial to acknowledge the constraints of social media as an incomplete depiction of the entire populace. Consequently, the incorporation of alternative research techniques is necessary to guarantee a comprehensive comprehension of the market.

Based on the aforementioned information, this research proposes the subsequent recommendations: Initially, it is recommended to maintain connectivity with the latest developments in social media. Companies need to constantly monitor the latest developments in social media, including new platforms, trends, and algorithm changes. This measure is expected to assist enterprises in maintaining their relevance and adapting to evolving user behavior trends. Secondly, it is advisable to engage in collaboration with pertinent teams. It is recommended to engage the market research, marketing, and data analysis teams in the effective utilization of social media. Collaboration between teams will enrich the company's understanding of social media data and help inform better business decisions. Thirdly, it is imperative to give priority to the principles of privacy and ethics. It is imperative for companies to ensure that they acquire data with unambiguous permissions and handle it with ethical considerations. Ensuring compliance with social media user privacy policies is crucial for establishing customer confidence and safeguarding the organization's image.

Subsequently, employ tools for social media management and analytics. Employ extant social media analytics and management tools to enhance the efficiency of data acquisition and management. The aforementioned instruments have the potential to facilitate the acquisition of data, evaluation of sentiment, and monitoring and documentation of outcomes pertaining to marketing campaigns. Subsequently, assess and modify as necessary. Continuously assess the efficacy of employing social media for market research and business decision analysis. It is recommended to revise strategies as required in response to evolving trends and customer feedback. Through the adoption of optimal methodologies, corporations can effectively leverage the complete capabilities of social media for market research and business decision-making, acquire significant discernments, and enhance their operational efficacy in the constantly progressing digital era.

REFERENCES

- Abbas, J., Aman, J., Nurunnabi, M., & Bano, S. (2019). The Impact of Social Media on Learning Behavior for Sustainable Education: Evidence of Students from Selected Universities in Pakistan. *Sustainability*, 11(6), 1683. <https://doi.org/10.3390/su11061683>
- Akter, M., & Sultana, N. (2020). Digital Marketing Communication and Consumer Buying Decision Process in Pandemic Standpoint (COVID-19): An Empirical Study of Bangladeshi Customers' in Branded Cosmetics Perspective. *Open Journal of Business and Management*, 08(06), 2696–2715. <https://doi.org/10.4236/ojbm.2020.86167>
- Appel, G., Grewal, L., Hadi, R., & Stephen, A. T. (2020). The future of social media in marketing. *Journal of the Academy of Marketing Science*, 48(1), 79–95. <https://doi.org/10.1007/s11747-019-00695-1>
- Ausat, A. M. A. (2023). The Application of Technology in the Age of Covid-19 and Its Effects on Performance. *Apollo: Journal of Tourism and Business*, 1(1), 14–22. <https://doi.org/10.58905/apollo.v1i1.8>
- Ausat, A. M. A., Al Bana, T., & Gadzali, S. S. (2023). Basic Capital of Creative Economy: The Role of Intellectual, Social, Cultural, and Institutional Capital. *Apollo: Journal of Tourism and Business*, 1(2), 42–54. <https://doi.org/10.58905/apollo.v1i2.21>
- Ausat, A. M. A., Siti Astuti, E., & Wilopo. (2022). Analisis Faktor Yang Berpengaruh Pada Adopsi E-commerce Dan Dampaknya Bagi Kinerja UKM Di Kabupaten Subang. *Jurnal Teknologi Informasi Dan Ilmu Komputer (JTIIK)*, 9(2), 333–346. <https://doi.org/10.25126/jtiik.202295422>

- Ausat, A. M. A., & Suherlan, S. (2021). Obstacles and Solutions of MSMEs in Electronic Commerce during Covid-19 Pandemic: Evidence from Indonesia. *BASKARA: Journal of Business and Entrepreneurship*, 4(1), 11–19. <https://doi.org/10.54268/BASKARA.4.1.11-19>
- Ausat, A. M. A., Widayani, A., Rachmawati, I., Latifah, N., & Suherlan, S. (2022). The Effect of Intellectual Capital and Innovative Work Behavior on Business Performance. *Journal of Economics, Business, & Accountancy Ventura*, 24(3), 363–378. <https://doi.org/10.14414/jebav.v24i3.2809>
- 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). <https://doi.org/10.15295/v6i1.229>
- Creevey, D., Coughlan, J., & O'Connor, C. (2022). Social media and luxury: A systematic literature review. *International Journal of Management Reviews*, 24(1), 99–129. <https://doi.org/10.1111/ijmr.12271>
- Diawati, P., Gadzali, S. S., Mahardhani, A. J., Irawan, B., & Ausat, A. M. A. (2023). Analysing the Dynamics of Human Innovation in Administration. *Jurnal Ekonomi*, 12(02), 537–540. <https://ejournal.seaninstitute.or.id/index.php/Ekonomi/article/view/1652>
- Dwivedi, Y. K., Hughes, L., Baabdullah, A. M., Ribeiro-Navarrete, S., Giannakis, M., Al-Debei, M. M., Dennehy, D., Metri, B., Buhalis, D., Cheung, C. M. K., Conboy, K., Doyle, R., Dubey, R., Dutot, V., Felix, R., Goyal, D. P., Gustafsson, A., Hinsch, C., Jebabli, I., ... Wamba, S. F. (2022). Metaverse beyond the hype: Multidisciplinary perspectives on emerging challenges, opportunities, and agenda for research, practice and policy. *International Journal of Information Management*, 66, 102542. <https://doi.org/10.1016/j.ijinfomgt.2022.102542>
- Ferine, K. F., Ausat, A. M. A., Gadzali, S. S., Marleni, & Sari, D. M. (2023). The Impact of Social Media on Consumer Behavior. *Communnity Development Journal: Jurnal Pendidikan Masyarakat*, 4(1), 843–847. <https://doi.org/10.31004/cdj.v4i1.12567>
- Harahap, M. A. K., Sutrisno, S., Fauzi, F., Jusman, I. A., & Ausat, A. M. A. (2023). The Impact of Digital Technology on Employee Job Stress: A Business Psychology Review. *Jurnal Pendidikan Tambusai*, 7(1), 3635–3638. <https://jptam.org/index.php/jptam/article/view/5775>
- Harini, H., Wahyuningtyas, D. P., Sutrisno, S., Wanof, M. I., & Ausat, A. M. A. (2023). Marketing Strategy for Early Childhood Education (ECE) Schools in the Digital Age. *Jurnal Obsesi : Jurnal Pendidikan Anak Usia Dini*, 7(3), 2742–2758. <https://doi.org/10.31004/obsesi.v7i3.4454>
- Kim, M., & Lee, M. (2017). Brand-related user-generated content on social media: the roles of source and sponsorship. *Internet Research*, 27(5), 1085–1103. <https://doi.org/10.1108/IntR-07-2016-0206>
- Kraugusteeliana, Surjati, E., Ausat, A. M. A., Pramono, S. A., & Prabu, H. K. (2022). A Literature Review on the Application of Technology During Covid-19 and Its Relationship to Performance. *International Journal Of Artificial Intelligence Research*, 6(1.2), 1. <https://doi.org/https://doi.org/10.29099/ijair.v6i1.2.765>
- Kumar, V., Nanda, P., & Tawangar, S. (2021). Social Media in Business Decisions of MSMEs. *International Journal of Decision Support System Technology*, 14(1), 1–12. <https://doi.org/10.4018/IJDSST.286686>
- Muhamad, L. F., Bakti, R., Febriyantor, M. T., Kraugusteeliana, & Ausat, A. M. A. (2023). Do Innovative Work Behavior and Organizational Commitment Create Business Performance: A Literature Review. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(1), 713–717. <https://doi.org/10.31004/cdj.v4i1.12479>
- Rambocas, M., & Pacheco, B. G. (2018). Online sentiment analysis in marketing research: a review. *Journal of Research in Interactive Marketing*, 12(2), 146–163. <https://doi.org/10.1108/JRIM-05-2017-0030>
- Rustiawan, I., Ausat, A. M. A., Gadzali, S. S., Suherlan, & Azzaakiyyah, H. K. (2023). Determinants of Employee Dedication to the Company as a Whole. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(1), 708–712. <https://doi.org/10.31004/cdj.v4i1.12454>

- Saputra, A., Ilmi, D., Angelina, W., Gadzali, S. S., & Ausat, A. M. A. (2023). PT Pos Indonesia Public Service Innovation in Maintaining Existence and Competitiveness in the Industrial Era 4.0 (Case Study of PT Pos Indonesia KC Subang). *Journal on Education*, 5(3), 10302–10311. <https://jonedu.org/index.php/joe/article/view/1926>
- Seh, A. H., Zarour, M., Alenezi, M., Sarkar, A. K., Agrawal, A., Kumar, R., & Ahmad Khan, R. (2020). Healthcare Data Breaches: Insights and Implications. *Healthcare*, 8(2), 133. <https://doi.org/10.3390/healthcare8020133>
- Sharma, A. (2022). An Overview of Marketing Research. *Entrepreneurship & Organization Management*, 11(2), 1–2.
- Spilker, H. S., & Colbjørnsen, T. (2020). The dimensions of streaming: toward a typology of an evolving concept. *Media, Culture & Society*, 42(7–8), 1210–1225. <https://doi.org/10.1177/0163443720904587>
- Subagja, A. D., Ausat, A. M. A., Sari, A. R., Wanof, M. I., & Suherlan, S. (2023). Improving Customer Service Quality in MSMEs through the Use of ChatGPT. *Jurnal Minfo Polgan*, 12(2), 380–386. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12407>
- Subagja, A. D., Ausat, A. M. A., & Suherlan. (2022). The Role of Social Media Utilization and Innovativeness on SMEs Performance. *Jurnal IPTEK-KOM (Jurnal Ilmu Pengetahuan Dan Teknologi Komunikasi)*, 24(2), 85–102. <https://doi.org/https://doi.org/10.17933/iptekkom.24.2.2022.85-102>
- Sutrisno, S., Ausat, A. M. A., Permana, R. M., & Santosa, S. (2023). Effective Marketing Strategies for MSMEs during Ramadan in Indonesia. *Community Development Journal: Jurnal Pengabdian Masyarakat*, 4(2), 1901–1906. <https://doi.org/10.31004/cdj.v4i2.13792>
- Sutrisno, S., Kuraesin, A. D., Siminto, S., Irawansyah, I., & Ausat, A. M. A. (2023). The Role of Information Technology in Driving Innovation and Entrepreneurial Business Growth. *Jurnal Minfo Polgan*, 12(2), 586–597. <https://doi.org/https://doi.org/10.33395/jmp.v12i2.12463>
- Tarigan, I. M., Harahap, M. A. K., Sari, D. M., Sakinah, R. D., & Ausat, A. M. A. (2023). Understanding Social Media: Benefits of Social Media for Individuals. *Jurnal Pendidikan Tambusai*, 7(1), 2317–2322. <https://jptam.org/index.php/jptam/article/view/5559>
- Wibowo, A., Chen, S.-C., Wiangin, U., Ma, Y., & Ruangkanjanases, A. (2020). Customer Behavior as an Outcome of Social Media Marketing: The Role of Social Media Marketing Activity and Customer Experience. *Sustainability*, 13(1), 189. <https://doi.org/10.3390/su13010189>
- Wu, Y. (2023). Analysis of the Usage of Social Media for Marketing and Promotion. *BCP Business & Management*, 43, 52–57. <https://doi.org/10.54691/bcpbm.v43i.4621>
- Zen, A., Rahayu, P. P., Mutoffar, M. M., Astutik, W. S., & Ausat, A. M. A. (2023). Entrepreneurship in Existentialism Philosophy: Examining Life and Business. *Innovative: Journal Of Social Science Research*, 3(2), 2230–2240. <https://doi.org/https://doi.org/10.31004/innovative.v3i2.431>