SOME REFLECTIONS ON GENERATIVE AI AND ITS EFFECT ON BRAND VALUE

CHARLES PAHUD DE MORTANGES*

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Introduction

To be clear from the outset, this is not intended as an acedemic paper. Instead, it is meant to be a personal reflection on how the versatile nature of Artificial Intelligence (AI) has enabled its integration into various business operations.

The pervasive influence of artificial intelligence (AI) can be found across a multitude of industries, spanning from the mundane to the extraordinary. The widespread adoption of AI-based technologies has become essential for businesses to maintain a competitive edge. The following are reflections on how generative AI has impacted marketing and brand management.

A rather extensive number of references appears at the end of this work. Researchers are encouraged to review these as an incentive to conduct their own investigations on this subject. Towards that end, a list of possible research topics is also provided at the end of this paper.

Generative Artificial Intelligence.

Generative AI refers to a set of machine learning techniques used to generate new data samples that are similar, but not identical, to a given dataset. These techniques use deep learning models to learn the underlying patterns and structure of a dataset and generate new samples that follow those patterns.

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* Charles Pahud de Mortanges is (Full) Professor Emeritus at the University of Liège (Belgium). c.pahud@uliege.be

Generative AI has numerous applications, such as creating natural language text, generating realistic images, and even designing new products. As generative AI continues to advance, it has the potential to revolutionize businesses - including marketing. (Bag et al., 2021; Buntak et al., 2021; Pallathadka et al.,2021).

GPT

GPT stands for Generative Pre-trained Transformer. It is a natural language processing model developed by the American company OpenAI[1] that has revolutionized the field of natural language processing. It is a remarkable language model, reaching 100 million monthly active users just two months after launching. ChatGPT is an OpenAI chatbot that utilizes GPT-4 and has been used as a tool to improve and automate customer interactions and improve overall customer experiences with a company's services and products.

The Impact of the Internet.

The Internet has fundamentally altered the competitive dynamics of many industries, in production, distribution and especially in online marketing. As a result, owning an Internet platform that aggregates content or services from multiple sources has become increasingly important. The cost of distribution has become negligible and brand value is now accrued by those platforms that can most effectively aggregate attention and develop customer relationships. In this new environment, brand trust, reputation, and the overall brand experience have become critical components for attracting and retaining users.

AI can also be used to optimize marketing and sales processes, as well as to better understand customers' behavior and preferences, leading to improved branding strategies. With the advent of Generative AI, these factors are expected to become even more important, with well-known and high-value brands becoming increasingly powerful. (Novak & Hoffman, 2019; Loureiro et al. 2017; Piller & Walcher, 2006).

Internet Platforms

Internet platforms have emerged as powerful players in the online economy, as they provide a way to aggregate content or services from multiple sources in one place, making it easier for consumers to find and access

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[1] OpenAI is a U.S. research laboratory dedicated to the advancement of artificial intelligence (AI). The laboratory comprises of two entities - OpenAI Incorporated, a non-profit organization, and OpenAI Limited Partnership, a for-profit subsidiary corporation.

them. These platforms have disrupted traditional industries by enabling new forms of production and distribution, such as crowdsourcing, peer-to-peer sharing, and on-demand services. Platforms like Amazon, Uber, and Airbnb have become dominant players in their respective industries, in part due to their ability to effectively aggregate content or services, as well as develop strong customer relationships. As a result, the role of platforms in the online economy is a subject of much interest to researchers and policymakers alike. (Kim & Lee, 2018; Gatautis, 2017; Parker et al., 2016)

Branding and Brand Management

A brand is more than just a logo or a product; it is the perception that consumers have about a company, which is built over time through various touchpoints. Brands can aggregate everything positive and negative a company has ever done into one all-encompassing message that consumers use in their decision-making processes, by creating a consistent and coherent brand image, delivering high-quality products and services, and leveraging various marketing strategies. (Keller, 2019; Aaker, 2009).

Brand value and reputation are crucial in the internet age, where social media and online communication have made it easier for customers to share their opinions and experiences about a brand. A strong brand reputation can increase customer loyalty, attract new customers, and improve a company's financial performance. Some of the brands that have benefitted from social media include Netflix, Uber, Zappos and Airbnb. Nike is another brand that makes excellent use of social media with over 93.3 million Instagram followers, 7.95 million Twitter followers and 33.3 million Facebook followers. In general, the fashion, tech, and music industries have benefitted greatly from social media marketing.

On the other hand, negative reviews, or social media backlash, can damage a brand's reputation and lead to significant financial losses. Some of the brands that have received negative reviews on social media resulting in a negative reputation include McDonald's, Victoria's Secret, Chipotle, IHOP, Samsung, Procter & Gamble, H&M, Heineken, and Nestle. In addition to these brands, there have been social media fails by brands in 2022 including Burger King's Pride buns. (Bughin et al., 2018).

Therefore, companies need to invest in building a positive brand reputation through effective communication, transparency, and customer engagement. (Dowling & Moran, 2012; Fombrun et al., 2000).

Brand Awareness & Brand Loyalty

In today's world, creating and maintaining brand awareness and loyalty is a daunting task for marketers due to the limitless distribution and production of products and services. The main challenge is the fierce competition, which makes it difficult for brands to differentiate themselves and gain customer attention.

One of the major challenges is the constantly evolving consumer behavior and preferences. Consumers have access to a vast array of options, and their preferences and behaviors can change in response to various factors such as social trends, economic conditions, and technological advancements. Brands need to keep up with these changes and continuously adapt their strategies to remain relevant and competitive.

Another challenge is the proliferation of digital channels, which has made it easier for new brands to emerge and gain visibility. This has resulted in increased competition and a fragmented marketplace, making it harder for established brands to maintain their market share.

Additionally, the proliferation of fake news, misinformation, and social media platforms has made it more challenging for brands to maintain their reputation and credibility. Consumers can easily spread negative information about a brand, and it can quickly go viral, damaging the brand's image and reputation. (Cheng et al., 2020; Chen et al., 2011; Kozinets et al., 2010).

The Increasing Use of AI in Brand Management

The increasing use of AI in brand management is transforming the way companies build and manage their brands. AI can help companies to understand their customers better, anticipate their needs, and create personalized experiences, all of which are essential for building a strong brand. One of the most common ways AI is used in brand management is through sentiment analysis. By analyzing social media, customer feedback, and other online data sources, AI can help companies monitor their brand's reputation and quickly respond to any negative comments. Additionally, AI-powered chatbots can provide customers with real-time support, improving their experience with the brand.

AI is also being used in brand design and marketing. For example, AI can analyze customer preferences and trends to help companies create more effective advertising campaigns. It can also assist in product design, by generating new product ideas, improving product recommendations, and optimizing pricing. (West et al., 2018; Kumar et al., 2019; Agersborg et al., 2020).

GPT technology in particular has various applications in marketing and brand management. Its language generation abilities can be leveraged to create compelling marketing copy, generate engaging social media posts, and assist in content creation for various marketing channels. (Cheng & Jiang, 2022).

GPT can also be utilized to generate personalized recommendations for customers, based on their preferences and purchase history, thus enhancing customer experience and loyalty. Additionally, GPT can analyze consumer sentiment from social media and other sources to provide insights into consumer behavior and preferences, which can facilitate marketing strategies and brand management decisions.(Raitaluoto, 2023).

Brand reputation management can be effectively handled with the help of GPT sentiment analysis. This advanced technology enables businesses to track and manage their brand's reputation by detecting positive, negative, and neutral mentions on social media, news articles, and online reviews. With this valuable insight, companies can take timely action to address any customer concerns, leverage positive feedback, and make informed decisions to enhance their brand's overall image.

Overall, GPT has the potential to streamline and enhance various aspects of marketing and brand management, making them more effective and efficient.

Some examples of companies using AI in brand management include Nike, which uses AI to personalize its products and create more targeted marketing campaigns, and Coca-Cola, which uses AI to analyze customer data and improve its digital marketing efforts. Procter & Gamble uses AI to analyze customer feedback and improve product development, while Sephora uses AI to personalize its product recommendations and improve its customer experience.

Brands Need to Adapt

Moreover, brands can use AI-powered platforms to create new products and services, and to enhance their existing offerings. For example, they can use AI to automate certain processes, such as customer service or inventory management, which can lead to increased efficiency and cost savings. They can also use AI to analyze data and gain insights into consumer behavior, which can inform product development and marketing strategies. (Reeves & Deimler, 2012; Davenport & Ronanki, 2018).

And Fast…

In today's world of limitless content creation possibilities, speed in adaptation is crucial for brands to remain relevant and competitive. Brands that can quickly respond to changing consumer needs and market trends are better positioned to capture market share and build brand loyalty. (Zarei et al., 2018).

Research has shown that being the fastest to respond to new opportunities and challenges can create a significant competitive advantage for brands. According to a study by McKinsey[1], companies that can quickly adapt to changing market conditions are more likely to outperform their competitors and achieve long-term success.

Furthermore, the value of being 'fastest' accrues to the brand itself, as it can help to build a reputation for innovation and agility. Brands that are known for their ability to quickly adapt to change are more likely to be seen as trustworthy and reliable by consumers, which can lead to increased brand loyalty and advocacy.

Conclusion

The emergence of Generative AI has the potential to revolutionize businesses, including marketing. The internet has transformed the competitive dynamics of many industries and owning an internet platform that can aggregate content or services from multiple sources has become increasingly important. In this new environment, brand trust, reputation, and overall brand experience are critical components for attracting and retaining users. Brand awareness and loyalty are challenging for marketers due to the constantly evolving consumer behavior and preferences, increased competition, and the proliferation of digital channels. Therefore, companies should invest in AI to build a positive brand reputation through effective communication, transparency, and customer engagement to maintain market share and improve financial performance.

PROSPECTIVE RESEARCH TOPICS ON THE USE OF GENERATIVE AI IN BRAND MANAGEMENT:

⇒ The impact of generative AI on brand storytelling and narrative creation: Analyzing the effectiveness of AI-generated content in building brand identity and consumer engagement.

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[1] https://www.mckinsey.com/capabilities/operations/our-insights/why-agility-pays

⇒ Evaluating the role of generative AI in personalized marketing: Investigating the potential of AI-generated content to improve customer targeting and segmentation in brand management.

⇒ Generative AI for visual brand identity: Assessing the role of AI in designing logos, packaging, and other visual elements for effective brand communication.

⇒ Using generative AI for sentiment analysis in brand reputation management: Examining the effectiveness of AI algorithms in identifying and mitigating negative online conversations about a brand.

⇒ The ethical implications of using generative AI in brand management: Exploring the balance between personalization and privacy concerns in the context of AI-generated content.

⇒ Generative AI for crisis management and brand recovery: Investigating the potential of AI algorithms in creating effective communication strategies to repair and rebuild brand reputation.

⇒ Assessing the role of generative AI in enhancing brand consistency across multiple channels: Analyzing the effectiveness of AI-generated content in maintaining a coherent brand message across various platforms and touchpoints.

⇒ The future of human-AI collaboration in brand management: Examining the potential synergies between human creativity and AI-generated content in the branding process.

⇒ Investigating the impact of generative AI on consumer behavior and brand perception: Analyzing the potential influence of AI-generated content on consumer decisions and attitudes towards a brand.

⇒ Exploring the potential of generative AI for forecasting and trend analysis in brand management: Assessing the effectiveness of AI algorithms in predicting emerging trends and identifying potential opportunities for brand innovation.

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