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Analytics's Function in Social Media Branding and Marketing

Parimal Priya Ranjan¹, Abhishek Srivastava²

¹Manager (I.T), Cryptonyx Technologies, Bangalore, India ²Associate Professor, FMS, Gopal Narayan Singh University, Rohtas, Bihar, India

ABSTRACT

Today, everything is traceable online viz web assets, social media profiles and other digital marketing initiatives may all be linked to and tracked. It is quite amazing how much data marketers can access today. The majority of organisations rely heavily on digital marketing analytics to build an online presence that promotes the promotion of their brand and business. Without data analysis, your marketing activities won't yield the optimum results. You must create a strategy and become addicted to analysing and understanding the facts. By doing so, you may evaluate the efficacy of your marketing initiatives and decide whether you need to revise your plans or tactics. Digital marketing analytics gives a way to assess success. With the use of these technologies, one can learn which content is effective, where target audience is situated, which channels have the highest levels of interaction, and the steps audience can take to convert into paying customers.

Keywords: Marketing Analytics, Influencer Marketing, Virtual Reality based analytics

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Introduction

Today, everything is online. Even while brick and mortar firms are still present in several service sectors, they also profit from internet marketing. Recent data indicates that 55% of consumers will look up reviews and web presences before making a purchase. Customers anticipate visiting a website and interacting with reputable companies on social media.

Since, everything is traceable online, it is possible to link and track web properties, social media profiles, and other digital marketing endeavours. The amount of data that marketers may now access is absolutely remarkable. Digital marketing analytics are a key component for the majority of businesses in creating an online presence that supports the promotion of their brand and Corresponding Author: Parimal Priya Ranjan, Manager (I.T), Cryptonyx Technologies, Bangalore, India, E-mail: parimalranjan34@gmail.com How to cite this article: Ranjan; P.P., Srivastava; A.,(2021). Analytics's Function in Social Media Branding and Marketing. Computing Trendz 11(1&2):24-29 Source of support: Nil Conflict of interest: None

company. You won't get the best outcomes from your marketing efforts unless you analyse the data. It's critical that you develop a plan and develop an addiction to analysing and comprehending the data. This enables you to assess the success of your marketing efforts and determine whether you need to adjust your strategies or approaches.

Analytics for digital marketing give you a means to gauge your success. You can see which content performs well, where your target audience is located, which channels have the highest levels of

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engagement, and the path your audience takes before becoming paying customers by using these tools.

The shift to Online Marketing

Compared to conventional advertising approaches, digital marketing has different components. For some items, traditional marketing strategies are still effective. A prominent network ad will still bring in business. However, that advertising alternative operates differently from digital marketing. Traditional marketing focused more on getting the brand name in front of as many people's eyes as possible, yet those eyes seemed to matter less and less.

A little bit different is digital marketing. Content marketing strategy is frequently the foundation of the digital marketing paradigm. Your plan is created through market research and information, allowing you to better target certain demographic groups with your marketing message. In order to determine where your company belongs in the market, you will acquire market intelligence. What types of clients do you service, and why are they drawn to your offering?

Creating material that is valuable to and customised for your audience is a key component of establishing your content strategy. Building relationships is more important in digital marketing than making a direct sales pitch. As previously said, one major advantage of doing business online is the ability to optimise the marketing channels by making use of the copious amounts of created data. Every action you do online might be scrutinised. Your reporting choices enable you to assess the development of your brand, user engagement, and audience data for content improvement.

Analysis versus Analytics

The term "tools or platforms that analyse the data collected from your online marketing activities" is used to describe digital analytics. There are various definitions for the term, but analytics is most frequently used to refer to the group of technologies that aid in data collection and analysis. Examples of digital analytics include, but are not limited to, Google Analytics, HubSpot, CrazyEgg, and DemandJump's cross-channel analytics tool.

Your analytics are the instruments you employ to interpret your data. In general, you can modify your reporting options and dashboard to particularly display the data that is crucial for your company and online properties. Additionally, you can leverage specific data from websites like Facebook and Twitter. The actual advantage of using analytics tools is the capacity to transform data into insights once you've collected all your marketing data, which may be a significant undertaking in and of itself. The analysis could take some time, and you might need to hire an expert to assist with the necessary data science, if your platforms are simply spooling up data without context or insight. The objective should always be to produce insights that can aid in a deeper comprehension of your client, their thought processes, and how to better cater to their needs and goals. Digital marketing is not a stagnant industry. There are always fresh methods and adjustments you may make to your procedure.

Segmentation, customer churn rate, satisfaction, customer engagement, and a number of other crucial consumer interaction metrics may be offered by different types of consumer analytics. These are some of the important indicators you might consider when evaluating the engagement and growth of your digital business. Your client data can be analysed in a variety of ways. Analytics can be used to evaluate the effectiveness of any of your efforts. You can also include surveys or keep data that customers have directly provided to employees. This data can be quite helpful in figuring out where your brand stands and how to strengthen it.

Advantages of Analytics for Digital Marketing

It is impossible to overstate the value of analytics in digital marketing. When you examine traditional marketing initiatives, like the Mad Men of the 1960s, you can see that there was a lot of inventiveness and conjecture. While marketing is still creative, data analytics help you evaluate the short- and long-term value of your brand's creative assets.

When you examine the value of data analytics in marketing, you'll discover that this technology gives you access to a variety of data that can help you craft effective messaging. In order to establish a stronger connection with each audience member, your customer becomes the protagonist of your story. Also, this is a fantastic method to foster loyalty.

Before creating new products, you can access a wealth of data with the correct analytics tools. Because of their ability to inquire about the kinds of goods and services their audience needs and wants, firms have benefited greatly from this. Instead of attempting to find a market for the product you are selling, you already have one that you can fill with services. When you are aware that the market exists, the danger is reduced.

Many of the unknown elements in marketing have been eliminated by analytics. Naturally, there will still be some surprises. Although you can't always predict in advance which messaging or pieces of content will be shared widely, you can get close with the correct consumer data. There are instances when unintentional actions are the ones that actually popularise or push a product. The majority of the time, however, successful marketing initiatives are the result of meticulous work and careful analysis of the available data.

Future of Analytics for Digital Marketing

What does digital marketing analytics' future hold, and how will it continue to influence how companies engage with customers online? The development of data and analytics is the first thing to take into account. Marketers and advertisers must continue to be nimble in the age of data science and machine intelligence. Emerging technologies include data storage facilitated by blockchain and AI-assisted algorithms. How do these advancements impact the analytics of digital marketing?

Artificial intelligence and digital marketing analytics

The robot takeover depicted in old sci- fifilms undoubtedly didn't include Silicon Valley tech positions being replaced by AI algorithms. The main application of AI in digital marketing analytics is its capacity to rapidly analyse and take action on enormous amounts of data.

This indicates that AI systems have the capacity to transform vast amounts of disorganised data into useful insights. These AI algorithms have only just begun to develop their capabilities, which are anticipated to change considerably over the following few years. Due to its precision, speed, and increasingly sophisticated capacity to analyse, anticipate, and modify client behaviour online, artificial intelligence (AI) will play a significant role in the future of digital marketing analytics.



Personal digital assistants and digital marketing analytics

Hey Alexa, how do you see the future of personal digital assistants and digital marketing analytics? Personal digital assistants like Alexa, Google Home, and others are tiny AI robots that reside in your home and can learn your preferences, aid with search queries, and even place orders for things of your choosing.

The market for personal digital assistants was estimated at USD 2,166.0 million in 2019 and is projected to rise at a compound annual growth rate of over 33 percent from 2020 to 2025, despite the fact that they are ubiquitous. These PDAs are crucial for consumer behaviour data analysis since they continuously collect data throughout the day. PDAs will be considered useful sources of data by experts in digital marketing analytics for constructing consumer profiles.

Chatbots and digital marketing analytics

Better customer support is made possible on websites via chatbots, which are AI-powered. Without contacting a live customer support agent, website visitors can ask inquiries, solve problems, and get directed. How does this relate to analytics for digital marketing? Digital marketers can start gathering and analysing chatbot data to discover the frequently asked queries or typical problems that site visitors have. Marketers may improve onsite UX by using chatbot data.

Voice Search and Digital Marketing Analytics

As indicated in point two, personal digital assistants bring up another another cutting-edge technology for digital marketers to take into account: voice search functionality. Currently, what people type into the online search field determines the majority of search engine optimization (SEO).

Digital marketing analytics will increasingly take into account voice search, a new channel. People ask their smartphone questions in addition to voicesearching on PDAs. People type and speak in different ways, therefore the most popular search terms may alter. To use this new technique, digital marketers will need to examine linguistic long-tail keywords and modify their content.

Analytics for digital marketing and influencer marketing

Future changes to influencer marketing are anticipated to be significant. The largest segment of customers today, Millennials and Gen Z, place a high value on authenticity when deciding which brands to support, and their confidence in conventional influencers is at an all-time low, according to Social Media Today.

This implies that natural influencer marketing will keep growing. Influencers that engage in "organic influencer marketing" support a company without being compensated or persuaded to do so; instead, they do it because they utilise and value the brand's goods or services.

Less celebrities and athletes will be used by marketing and advertising firms to advertise their goods and services. Digital marketing analytics will keep tabs on this development and provide content that promotes authenticity in order to take advantage of the trend.

Virtual reality and digital marketing analytics

Since the advent of VR goggles, virtual reality has mostly been utilised for entertainment, but it has potential for much more in the future. According to Forbes, VR is really predicted to generate 98.4 million sales by 2023 with a global population penetration of 2%. VR could be used in creative marketing methods to tell immersive brand stories. Marketers may even immerse consumers in a virtual reality experience while monitoring their biological responses to the goods. As a result, behavioural analysis may be moved offline by digital marketing analytics. Similar experiences are already available from brands. Patients with phobias and anxiety disorders are already using VR in hospital settings to confront their concerns in an augmented reality.

Virtual reality (VR) is also being utilised to improve the educational experience by building virtual classrooms and even virtual tours of art galleries and museums. Virtual reality experiences will permeate digital marketing analytics in the future.

Conclusion

Over the past ten years, new digital technologies have fundamentally altered marketing theory and practise and drastically changed the type and amount of data we can save, access, and analyse. Many firms now have a greater need to comprehend and respond to different customer trends, as well as to adapt the way they measure, plan, and carry out their marketing activities, as a result of the abundance of data. As a result, there has been an increase in demand for qualified marketing analysts who are able to guarantee the best return on investment (ROI) for marketing expenditure and to provide insightful data that leads to improved customer service.

Reference

H. Busalim, F. Ghabban, and A. R. C. Hussin, "Customer engagement behaviour on social commerce platforms: An empirical study," Technol. Soc., vol. 64, no. 101437, p. 101437, 2021.

- G. Lăzăroiu, O. Neguriță, I. Grecu, G. Grecu, and P. C. Mitran, "Consumers' decision-making process on social commerce platforms: Online trust, perceived risk, and purchase intentions," Front. Psychol., vol. 11, p. 890, 2020.
- I. B. Yahia, N. Al-Neama, and L. Kerbache, "Investigating the drivers for social commerce in social media platforms: Importance of trust, social support and the platform perceived usage," J. Retail. Consum. Serv., vol. 41, pp. 11–19, 2018.
- Ibrahim, B. (2022). Social media marketing activities and brand loyalty: A meta-analysis examination. Journal of Promotion Management, 28(1), 60-90.
- Isodje, A. A. (2013, November). The use of social media for business promotion. In 2013 IEEE International Conference on Emerging & Sustainable Technologies for Power & ICT in a Developing
- J. Chen and X.-L. Shen, "Consumers' decisions in social commerce context: An empirical investigation," Decis. Support Syst., vol. 79, pp. 55–64, 2015.
- Jones, N., Borgman, R., &Ulusoy, E. (2015). Impact of social media on small businesses. Journal of Small Business and Enterprise Development.
- K. Hill Cummings and J. A. Yule, "Tailoring service recovery messages to consumers' affective states," Eur. J. Mark., vol. 54, no. 7, pp. 1675–1702, 2020.
- Kasemsap, K. (2016). Role of social media in brand promotion: An international marketing perspective. In Managing public relations and brand image through social media (pp. 62- 88). IGI Global.
- L. Taruffi, C. Pehrs, S. Skouras, and S. Koelsch, "Effects of sad and happy music on mind-wandering and the Default Mode Network," Sci. Rep., vol. 7, no. 1, p. 14396, 2017.
- M. B. Küssner and T. Eerola, "The content and functions of vivid and soothing visual imagery during music listening: Findings from a survey study," Psychomusicology, vol. 29, no. 2–3, pp. 90–99, 2019.

Moorthy, V., Kiran, P., Banerjee, J., & SV, K. K. (2022).



Investigating the Impact of Emotional Contagion on Customer Attitude, Trust and Brand Engagement: A Social Commerce Perspective. International Journal of Electronic Commerce Studies, 13(3), 99-118.

- R. VanMeter, H. A. Syrdal, S. Powell-Mantel, D. B. Grisaffe, and E. T. Nesson, "Don't just 'like' me, promote me: How attachment and attitude influence brand related behaviors on social media," J. Interact. Mark., vol. 43, pp. 83–97, 2018.
- Rowles, D. (2022). Digital branding: a complete step-by-step guide to strategy, tactics, tools and measurement. Kogan Page Publishers.
- S. Holtzman, D. DeClerck, K. Turcotte, D. Lisi, and M. Woodworth, "Emotional support during times of stress: Can text messaging compete with in-person interactions?," Comput. Human Behav., vol. 71, pp. 130–139, 2017.
- S. Kumar, T. Roshni, and D. Himayoun, "A comparison of Emotional Neural Network (ENN) and Artificial Neural Network (ANN) approach for rainfallruno ff modelling," Civ. Eng. J., vol. 5, no. 10, pp. 2120–2130, 2019.

- Society (NIGERCON) (pp. 172-175). IEEE. Soegoto, E. S., Purnama, F. A., &Hidayat, A. (2018, August). Role of internet and social media for promotion tools. In IOP Conference Series: Materials Science and Engineering (Vol. 407, No. 1, p. 012040). IOP Publishing
- Suharto, S., Junaedi, I., Muhdar, H., Firmansyah, A., & Sarana, S. (2022). Consumer loyalty of Indonesia ecommerce SMEs: the role of social media marketing and customer satisfaction. International Journal of Data and Network Science, 6(2), 383-390.
- Z. Sheikh, L. Yezheng, T. Islam, Z. Hameed, and I. U. Khan, "Impact of social commerce constructs and social support on social commerce intentions," Inf. technol. people, vol. 32, no. 1, pp. 68–93, 2019.