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## AUDIT COURSE REPORT

on

# "Social Media And Analytics"

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE

#### BACHELOR OF COMPUTER ENGINEERING

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## **CERTIFICATE**

This is to certify that the Audit Course report entitled

"Social Media And Analytics"

 $\label{eq:constraint} \mbox{Is submitted as partial fulfilment of}$   $\mbox{curriculum of the B.E. of Computer Engineering}$ 

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## **ABSTRACT**

Social media platforms have become integral to modern communication and networking, and social media analytics is a crucial tool for businesses and organizations to evaluate their social media strategy. This involves collecting and analyzing data to gain insights into various aspects of social media performance, including audience engagement, content effectiveness, and overall social media strategy. Key metrics such as reach, engagement, impressions, click-through rate, and conversion rate are commonly used in social media analytics to identify areas for improvement and make data-driven decisions. In summary, social media and analytics go hand in hand in helping businesses and organizations achieve their marketing goals through effective social media strategy.

Analytics and social media are two interconnected aspects of modern marketing that are crucial for businesses and organizations to achieve their goals. Social media platforms allow users to connect, share information and ideas, and consume content, while analytics involve collecting and analyzing data to gain insights into social media performance. By analyzing key metrics such as reach, engagement, impressions, click-through rate, and conversion rate, businesses can evaluate their social media strategy, identify areas for improvement, and make data-driven decisions. This paper highlights the importance of analytics and social media in modern marketing and demonstrates how businesses can leverage these tools to achieve success in their marketing campaigns.

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#### **SUMMARY**

Social media and analytics are two vital components of modern marketing. Social media platforms have become an essential part of communication and networking, allowing users to connect, share information and ideas, and consume content. Analytics, on the other hand, involve collecting and analyzing data to gain insights into various aspects of social media performance. By analyzing key metrics such as reach, engagement, impressions, click-through rate, and conversion rate, businesses can evaluate their social media strategy, identify areas for improvement, and make data-driven decisions. This summary highlights the importance of social media and analytics in modern marketing and their interconnection in achieving marketing goals.

Social media refers to online platforms and technologies that allow users to create, share, and interact with content, ideas, and information. Social media platforms include popular sites such as Facebook, Twitter, Instagram, LinkedIn, and YouTube, among others.

Social media has revolutionized the way people connect and communicate with one another. It has also transformed the way businesses and organizations reach and engage with their target audiences. Social media has made it easier for people to share their thoughts, opinions, and experiences, and has given rise to new forms of social activism and political engagement.

However, social media has also been criticized for its potential negative impacts, such as the spread of misinformation and the perpetuation of online harassment and hate speech. Social media platforms have struggled to balance the need for free expression with the responsibility to protect users from harmful content.

Despite these challenges, social media remains a powerful tool for communication, marketing, and social interaction. As technology continues to evolve, social media will undoubtedly continue to shape and influence our lives in new and unexpected ways.

#### INTRODUCTION

Social media refers to a broad category of online platforms and technologies that allow users to create, share, and interact with content, ideas, and information. Social media platforms include popular sites such as Facebook, Twitter, Instagram, LinkedIn, and YouTube, among others. Social media has transformed the way people connect and communicate with one another, enabling individuals to easily share their thoughts, opinions, and experiences with a global audience. Social media has also given rise to new forms of social activism and political engagement, making it easier for people to organize and mobilize around causes and issues that matter to them.

Moreover, social media has revolutionized the way businesses and organizations reach and engage with their target audiences, allowing them to connect with customers and clients in new and innovative ways. Social media has become an essential tool for marketing, customer service, and brand building in today's digital age.

Despite the many benefits of social media, it has also been criticized for its potential negative impacts, such as the spread of misinformation and the perpetuation of online harassment and hate speech. Social media platforms have struggled to balance the need for free expression with the responsibility to protect users from harmful content.

Overall, social media has had a profound impact on society, influencing the way we communicate, work, and interact with one another. As technology continues to evolve, social media will undoubtedly continue to shape and transform our lives in new and unexpected ways. Social media analytics is the practice of gathering data from social media platforms and using that data to inform business decisions. Social media platforms generate vast amounts of data, including user demographics, engagement rates, and sentiment analysis. By analyzing this data, businesses can gain insights into customer behavior, preferences, and needs, and use that information to create more effective marketing campaigns, customer service strategies, and product offerings. Social media analytics tools and technologies have evolved rapidly in recent years, providing businesses with increasingly sophisticated and powerful ways to analyze and interpret social media data. These tools can help businesses track key performance indicators (KPIs) such as engagement rates, follower growth, and conversion rates, and provide real-time insights into social media trends and customer sentiment.

Overall, social media analytics has become a powerful tool for businesses of all sizes and industries, providing insights into customer behavior and preferences that were previously unavailable. As social media platforms continue to evolve and generate even more data, the importance of social media analytics will only continue to grow.

Moreover, social media analytics has become an essential tool for measuring the impact of marketing campaigns and determining return on investment (ROI). By tracking and analyzing social media metrics, businesses can identify which campaigns and strategies are most effective and adjust their approach accordingly.

Social media analytics also plays a critical role in reputation management and crisis response. By monitoring social media mentions and sentiment, businesses can quickly identify potential issues and respond in a timely and effective manner.

#### **OBJECTIVES**

The objectives of social media and analytics can vary depending on the goals of a business or organization. However, some common objectives of social media and analytics include:

- Audience analysis: Social media analytics can help businesses gain a deeper understanding of their target audience, including their demographics, interests, and behavior. This information can be used to create more effective marketing campaigns and improve customer engagement.
- Content optimization: Social media analytics can help businesses identify which types of content are resonating with their audience and which are not. By analyzing engagement rates, click-through rates, and other metrics, businesses can optimize their content to better meet the needs and interests of their audience.
- Performance tracking: Social media analytics can help businesses track the performance of their social media campaigns and strategies, including engagement rates, follower growth, and conversion rates. This information can be used to adjust and improve campaigns in real-time, maximizing the impact and ROI of social media efforts.
- Reputation management: Social media analytics can help businesses monitor social media mentions and sentiment, allowing them to quickly identify potential issues and respond in a timely and effective manner. This can help businesses maintain a positive brand reputation and minimize the impact of negative feedback or reviews.
- Competitive analysis: Social media analytics can provide insights into the social media strategies and performance of competitors, allowing businesses to identify areas for improvement and stay ahead of the competition.

Overall, the objectives of social media and analytics are to use data and insights to improve social media strategies, optimize content, and engage with customers in a more effective and targeted manner. By leveraging social media analytics, businesses can gain a competitive advantage in today's digital age. Overall, the objectives of social

media are to build a strong online presence, engage with customers, and drive business results. By using social media strategically, businesses can achieve their goals and stay competitive in today's digital age.

#### **DESCRIPTION**

#### 4.1 User Profile

The user profile section is where users can create and manage their accounts. This typically involves creating a username, uploading a profile picture, and providing personal information such as name, age, and location.

#### 4.2 News Feed

The news feed is where users can view the latest updates from their friends, family, and other users they follow. This section typically displays posts, photos, videos, and other content that is relevant to the user based on their interests, preferences, and previous activity.

## 4.3 Groups and Communities

The groups and communities section is where users can join or create groups based on common interests, hobbies, or professions. Users can share content and engage in discussions with other members of the group.

# 4.4 Posting Content

The posting content section is where users can create and publish their own posts, including text, images, videos, and links. Users can also tag other users, add hashtags, and share their content with specific audiences.

# 4.5 Interacting with Content

The interaction section is where users can engage with other users' content by liking, commenting, and sharing. This section also includes features such as reactions,

emojis, and messaging.

#### 4.6 Advertising

The advertising section is where businesses and brands can create and manage advertising campaigns to reach a targeted audience. Social media platforms offer various advertising formats, such as sponsored posts, promoted tweets, and display ads.

#### 4.7 Analytics

The analytics section is where users can track and measure their social media performance, such as the number of followers, engagement rates, reach, and impressions. This section provides insights and data to help users optimize their social media strategy and improve their presence on the platform. Overall, social media offers a wide range of features and functionalities that enable users to connect, communicate, and engage with each other. The different sections of social media cater to various needs and interests of users, making it a versatile and dynamic platform.

Social media analytics tools allow businesses, organizations, and individuals to monitor, analyze and measure the performance of their social media accounts, including the number of followers, engagement rates, impressions, and reach. It also helps them to track their brand reputation, monitor customer feedback, and identify potential opportunities to engage with audience. Overall, social media analytics enables users to make informed decisions about their social media strategies and improve their social media presence by optimizing their content, targeting the right audience, and measuring the effectiveness of their efforts.

Social media refers to web-based platforms and applications that allow individuals, groups, and organizations to create, share, and exchange user-generated content, such as text, images, and videos. Social media platforms include popular ones such as Facebook, Instagram, Twitter, LinkedIn, and TikTok.

Analytics, on the other hand, refers to the process of collecting, measuring, and analyzing data to gain insights and make data-driven decisions. Social media analytics, therefore, involves analyzing the data generated by social media platforms to gain insights into user behavior, preferences, and trends.

Social media analytics tools allow businesses, organizations, and individuals to monitor, analyze and measure the performance of their social media accounts, including the number of followers, engagement rates, impressions, and reach. It also helps them to track their brand reputation, monitor customer feedback, and identify potential oppor-

tunities to engage with their audience.

Overall, social media analytics enables users to make informed decisions about their social media strategies and improve their social media presence by optimizing their content, targeting the right audience, and measuring the effectiveness of their efforts.

Social media refers to a category of online platforms and applications that allow users to create, share and interact with user-generated content. Social media platforms typically involve a virtual community of users who can communicate and engage with each other in various ways, such as sharing photos, videos, text, and links. The most popular social media platforms include Facebook, Twitter, Instagram, LinkedIn, Tik-Tok, and YouTube. Each platform offers its unique features and functionalities that cater to specific needs, interests, and preferences of users. Social media has revolutionized the way people communicate, share information, and connect with each other. It has become a vital part of modern-day communication, and it has also transformed the way businesses interact with their customers. Social media provides businesses with an opportunity to reach a broader audience, promote their brand, engage with customers, and build brand loyalty.



Figure 4.1: Social Media Analytics

#### **HISTORY**

The history of social media and analytics is closely intertwined with the rise of the internet and the proliferation of digital communication technologies. While social media as we know it today didn't come into existence until the early 2000s, the roots of social networking can be traced back to the earliest days of the web.

One of the first social networks was SixDegrees.com, which launched in 1997 and allowed users to create profiles and connect with friends. However, it wasn't until the launch of MySpace in 2003 that social networking really took off. MySpace allowed users to create personal profiles, connect with friends, and share photos and music.

The next major social network to emerge was Facebook, which launched in 2004 and quickly became one of the most popular social platforms in the world. Facebook's popularity was due in part to its clean interface, robust features, and ability to connect users with friends and family across the globe.

As social media platforms became more popular, businesses began to take notice and began using social media as a way to reach their target audience. This led to the development of social media analytics tools, which allowed businesses to track their performance on social media and gain insights into their audience.

Today, social media analytics tools are widely used by businesses of all sizes to measure their social media performance and inform their marketing strategies. These tools provide data on metrics such as engagement, reach, and demographics, allowing businesses to optimize their social media presence and improve their ROI.

#### 5.1 Early Days of Social Networking

The roots of social networking can be traced back to the earliest days of the web. One of the first social networks was SixDegrees.com, which launched in 1997 and allowed users to create profiles and connect with friends.

#### 5.2 Emergence of Blogging and User-generated Content

In the early 2000s, the rise of blogging platforms such as LiveJournal, Xanga, and Blogger paved the way for user-generated content on the web. This allowed people to share their thoughts, ideas, and opinions online, and connect with like-minded individuals.

#### 5.3 The Birth of Social Media

In 2003, MySpace was launched, which allowed users to create personal profiles, connect with friends, and share photos and music. It quickly became one of the most popular social platforms in the world.

#### 5.4 Rise of Facebook

In 2004, Facebook was launched and quickly gained popularity due to its clean interface, robust features, and ability to connect users with friends and family across the globe.

#### 5.5 Expansion of Social Media

Over the years, social media has expanded beyond just personal networks. Platforms such as LinkedIn, Twitter, and Instagram have emerged, each with their own unique features and audiences.

#### 5.6 Social Media in Business

As social media platforms became more popular, businesses began to take notice and began using social media as a way to reach their target audience. This led to the development of social media analytics tools, which allowed businesses to track their performance on social media and gain insights into their audience.

## 5.7 Social Media Today

Today, social media continues to evolve and adapt to the changing needs and preferences of its users. New platforms and features are constantly being introduced, and social media analytics tools continue to provide businesses with valuable insights into their audience and performance.

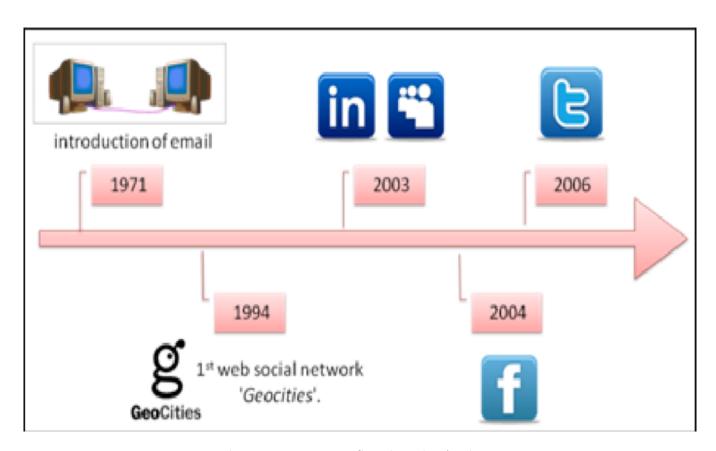


Figure 5.1: History Social Media Analytics

#### PRODUCTS AND SERVICES

#### 6.1 Social Media Management Tools:

Social media management tools like Hootsuite, Buffer, and Sprout Social allow businesses to manage their social media accounts, schedule posts, and track their performance across multiple platforms.

#### 6.2 Social Media Advertising:

Social media platforms like Facebook, Instagram, and Twitter offer advertising options that allow businesses to target specific audiences and promote their products or services to a wider audience.

#### 6.3 Social Media Analytics Tools:

Social media analytics tools like Google Analytics, Socialbakers, and Sprout Social provide businesses with data on their social media performance, including metrics such as engagement, reach, and demographics.

## 6.4 Influencer Marketing:

Influencer marketing involves partnering with social media influencers to promote products or services to their followers. This can be done through sponsored posts or collaborations.

#### 6.5 Social Media Listening:

Social media listening tools like Brandwatch and Hootsuite Insights allow businesses to monitor social media conversations and track mentions of their brand or products. This can help businesses identify trends, track sentiment, and respond to customer feedback.

## 6.6 Social Media Consultancy:

Social media consultancy services provide businesses with expert advice and guidance on how to optimize their social media presence and strategy.

#### 6.7 Social Media Content Creation:

Social media content creation services help businesses create high-quality content for their social media accounts, including graphics, videos, and written content.

These are just a few examples of the many products and services related to social media and analytics that are available today.

#### WORKING CONDITIONS AND FUNCTIONS

Social media and analytics work together to help businesses understand and engage with their audience on social media. Here's a breakdown of how they work:

#### 1. Social Media:

Social media refers to the various online platforms and networks that allow people to share content and interact with each other. Examples of social media platforms include Facebook, Twitter, Instagram, and LinkedIn. Businesses can use social media to connect with their audience, build brand awareness, and promote their products or services.

#### 2. Social Media Management:

Social media management involves the tools and strategies that businesses use to manage their social media accounts. This can include scheduling posts, responding to comments and messages, and tracking performance metrics. Social media management tools like Hootsuite, Buffer, and Sprout Social make it easier for businesses to manage multiple social media accounts and stay on top of their social media strategy.

### 3. Social Media Advertising:

Social media advertising involves using paid ads on social media platforms to promote a business's products or services. Social media advertising allows businesses to target specific audiences based on demographics, interests, and behaviors, and can be a highly effective way to reach new customers.

#### 4. Social Media Analytics:

Social media analytics involves tracking and analyzing data related to a business's social media performance. This can include metrics such as engagement, reach, and demographics. Social media analytics tools like Google Analytics, Socialbakers, and Sprout Social provide businesses with valuable insights into their social media performance and help them make data-driven decisions.

combining social media management, advertising, and analytics, businesses can

build a strong presence on social media and effectively engage with their audience. By understanding their audience's needs and preferences, businesses can tailor their social media strategy to maximize engagement and drive results.

#### **OUTCOMES**

- Social media provides businesses with an opportunity to engage with their customers and build relationships. By using analytics tools, businesses can track their social media performance and make adjustments to improve their engagement with customers.
- Social media is a powerful tool for building brand awareness and reaching new audiences. By using social media advertising and influencer marketing, businesses can expand their reach and attract new customers.
- Social media analytics tools provide businesses with valuable insights into their audience, including demographics, interests, and preferences. This information can help businesses tailor their products and services to better meet the needs of their customers.
- By using social media analytics tools, businesses can track the performance of their social media marketing campaigns and make adjustments to improve their ROI. This can lead to more effective marketing and increased sales.
- Businesses that use social media and analytics effectively can gain a competitive
  advantage over their competitors. By understanding their audience and tailoring their marketing strategy accordingly, businesses can differentiate themselves
  and stand out in a crowded marketplace. Overall, social media and analytics provide businesses with valuable tools for building brand awareness, engaging
  with customers, and improving their marketing effectiveness. By using these tools
  strategically, businesses can achieve significant outcomes that can drive growth
  and success.

#### **ADVANTAGES**

Social media and analytics have numerous advantages. Here are some of the main advantages.

## 9.1 Increased Reach and Engagement

Social media enables individuals and businesses to connect with a broader audience and engage with their followers in real-time.

#### 9.2 Improved Customer Service

Social media provides a platform for businesses to address customer concerns and respond to inquiries quickly and efficiently.

## 9.3 Brand Building and Promotion

Social media enables businesses to build brand awareness, promote their products and services, and reach their target audience more effectively.

#### 9.4 Cost-Effective Marketing

Social media advertising is more affordable than traditional advertising, enabling small businesses and individuals to compete with larger companies.

#### 9.5 Data-Driven Decision Making

Social media analytics provides valuable insights into user behavior, preferences, and trends, enabling businesses to make informed decisions.

# 9.6 Community Building

Social media enables individuals and businesses to create and foster communities around shared interests and causes.

#### **DISADVANTAGES**

While social media and analytics have numerous advantages, they also have several disadvantages. Here are some of the main disadvantages of social media and analytics

#### 10.1 Addiction and Overuse

Social media can be addictive, leading to excessive use and distraction from other important activities.

## 10.2 Spread of Misinformation

Social media has been criticized for spreading misinformation and fake news, leading to confusion, fear, and division among users.

## 10.3 Cyberbullying and Harassment

Social media can be used for cyberbullying and harassment, leading to negative psychological effects on users.

#### 10.4 Privacy Concerns

Social media platforms often collect and store user data, raising concerns about privacy and the security of personal information.

# 10.5 Bias and Inaccuracies

Social media analytics can be biased and inaccurate, leading to flawed decision-making and strategic planning.

#### 10.6 Product Related

An occupational health service can give instant access to medical professionals; you do not have to wait for NHS GP or Specialists. One area where this is particularly important is when the product you make or supervise, is affected by the health of your employees. Here is an example:

### 10.7 Dependence on Algorithms

Social media algorithms can be unpredictable and can change frequently, leading to a dependence on them for visibility and engagement.

#### 10.8 Cost

Social media advertising and analytics tools can be costly, making it challenging for small businesses and individuals to compete with larger companies. It's essential to acknowledge and address these disadvantages to use social media and analytics responsibly and ethically. Users should be aware of the risks and use social media and analytics in a way that prioritizes their well-being and the well-being of others..

## **CONCLUSION**

Social media and analytics are two interrelated concepts that have transformed the way individuals, businesses, and organizations communicate and engage with their audiences. Social media has revolutionized the way people share information, interact with each other, and build communities online. Social media platforms provide a wide range of features and functionalities that enable users to create, share and engage with user-generated content.

Analytics, on the other hand, involves collecting, measuring, and analyzing data to gain insights and make data-driven decisions. Social media analytics is the process of analyzing data generated by social media platforms to gain insights into user behavior, preferences, and trends. Social media analytics tools enable businesses, organizations, and individuals to monitor and measure the performance of their social media accounts, optimize their content, and engage with their audience more effectively.

Social media and analytics have become crucial for businesses to reach a broader audience, promote their brand, and build brand loyalty. They provide valuable insights into consumer behavior, market trends, and competitor activity. However, it's important for users to use social media and analytics responsibly and ethically, as it also poses risks such as the spread of fake news, cyberbullying, and privacy concerns.

Overall, social media and analytics have changed the way we communicate, interact, and do business. It has provided opportunities for innovation, growth, and development, but it also requires careful consideration and management to ensure it is used effectively and responsibly.

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