A Survey Study On Social Media Platforms Whatsapp And Instagram: Public Perceptions And Concerns Regarding Privacy Issues

**Bijal Mahesh Darji[1], Vikrant Sachin Acharekar[2], Prachi Prakash Khose[3], Mehdi Rezaie[4] and Dr.
Jyotshna Dongradive[5]**

[1]Student, Department of Computer Science, University of Mumbai
[2]Student, Department of Computer Science, University of Mumbai
[3]Student, Department of Computer Science, University of Mumbai
[4]Associate Professor, Department of Computer Science, RD National College
[5]Associate Professor, Department of Computer Science, University of Mumbai

Abstract

This study investigates user perspectives on privacy regarding WhatsApp and Instagram among a demographic of individuals aged under 18 to 65 and above. Based on survey responses from 65 participants, we analyze their privacy concerns, trust levels, awareness of data collection, comfort with data sharing, perceived control over privacy settings, and opinions on transparency and recent privacy controversies.

Keywords: User Perspectives, Privacy Concerns, WhatsApp, Instagram, Demographic Analysis, Trust Levels, Data Collection Awareness, Comfort with Data Sharing, Privacy Settings Control, Transparency, Privacy Controversies, Survey Responses, Age Demographics, Social Media Privacy, Privacy Policies, User Trust

Introduction

With the rapid growth and ubiquitous presence of social media platforms, privacy concerns have become a significant issue for users worldwide. WhatsApp and Instagram, two of the most widely used platforms, are frequently scrutinized for their data privacy practices. WhatsApp, known for its messaging services, and Instagram, a leading photo and video-sharing app, both collect vast amounts of user data.

Understanding user attitudes towards privacy on these platforms is crucial, as it affects user trust and engagement. This study aims to explore these attitudes among young adults, a demographic that is highly active on social media. By examining their concerns, trust levels, and perceptions of data handling, we can gain insights into the effectiveness of current privacy practices and identify areas for improvement.

The study also addresses the extent to which users feel informed and in control of their privacy settings, their comfort with data being shared with third parties, and their reactions to recent privacy controversies. This comprehensive analysis is intended to contribute to the ongoing discourse on digital privacy and inform better practices and policies for protecting user data.

Methodology

The survey was conducted online, targeting individuals aged under 18 to 65 and above, a group known for its high engagement with social media platforms. A total of 65 respondents participated in the survey. The demographic breakdown revealed that 69% of the participants were male and rest were female, with the remaining 31% being female. The survey included a mix of full-time employees, students, and self-employed individuals, providing a diverse range of perspectives on privacy issues.

Participants were asked a series of questions designed to assess their usage patterns, privacy concerns, and trust in WhatsApp and Instagram. The questions covered the following areas:

1. **Frequency of Use**: How often do they use WhatsApp and Instagram?

2. **Privacy Concerns**: On a scale of 1 to 5, how concerned are they about their privacy while using these platforms?

3. **Reading Privacy Policies**: Have they read the privacy policies of WhatsApp and Instagram?

4. **Trust in Data Handling**: How much do they trust these platforms to handle their personal information?

5. **Awareness of Data Collection**: Are they aware of the data collected by these platforms?

6. **Comfort with Data Sharing**: How comfortable are they with their data being shared with third parties?

7. **Privacy Risks**: What privacy risks do they associate with using WhatsApp and Instagram?

8. **Control Over Privacy Settings**: Do they feel they have enough control over their privacy settings on these platforms?

9. **Transparency**: How would they rate the transparency of WhatsApp and Instagram regarding their privacy policies and practices?

10. **Impact of Privacy Controversies**: Have recent privacy controversies affected their trust in these platforms?

11. **Additional Comments**: Any additional concerns or comments regarding privacy issues on WhatsApp and Instagram.

The survey responses were collected and analyzed to identify trends and patterns in user attitudes towards privacy on these platforms. Quantitative data were summarized using descriptive statistics, while qualitative data from open-ended questions were analyzed to provide deeper insights into user concerns and suggestions.

By using a combination of quantitative and qualitative methods, this study provides a comprehensive understanding of young adults' privacy perspectives on WhatsApp and Instagram. The findings aim to highlight critical areas of concern and inform better privacy practices and policies.
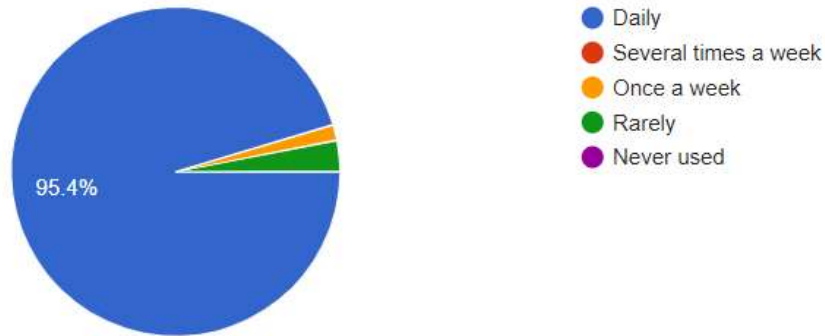
Results

1. **Frequency of Use**
   o All respondents use WhatsApp and Instagram daily.

How frequently do you use WhatsApp and Instagram?

65 responses

Legend:
- Daily
- Several times a week
- Once a week
- Rarely
- Never used

95.4%

2. **Privacy Concerns**
   o On a scale of 1 to 5, the average concern level was moderate, with a notable portion expressing higher concerns.

On a scale of 1 to 5, how concerned are you about your privacy while using WhatsApp and Instagram? (1 being not concerned at all, 5 being extremely concerned).

[Copy]

65 responses

Bar chart values:
- 1: 4 (6.2%)
- 2: 4 (6.2%)
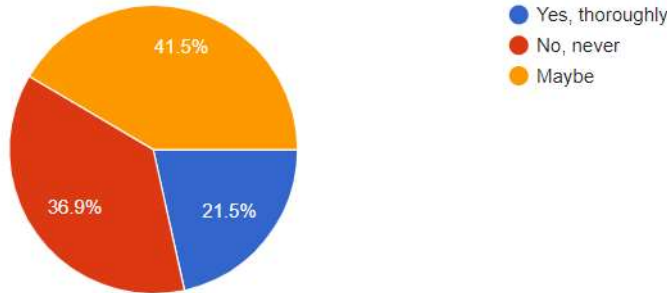- 3: 21 (32.3%)
- 4: 12 (18.5%)
- 5: 24 (36.9%)
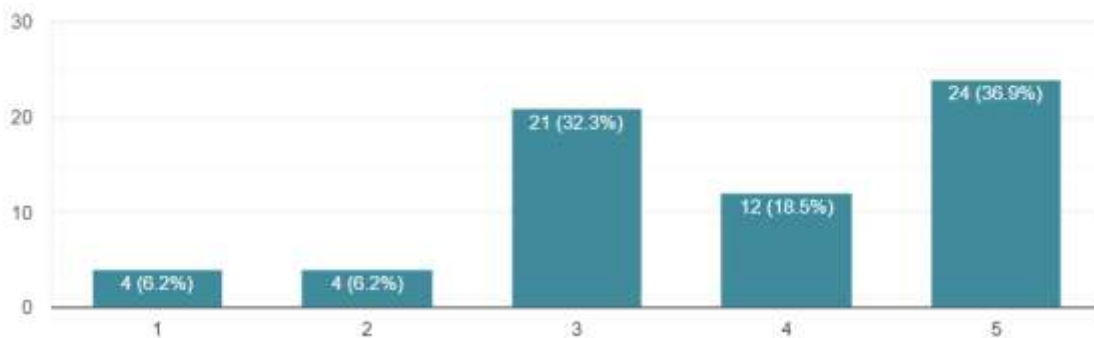
3. **Reading Privacy Policies**

   o Most respondents indicated uncertainty or lack of thorough reading of privacy policies, with "Maybe" being the most common response, followed by "No" and "Yes, thoroughly".
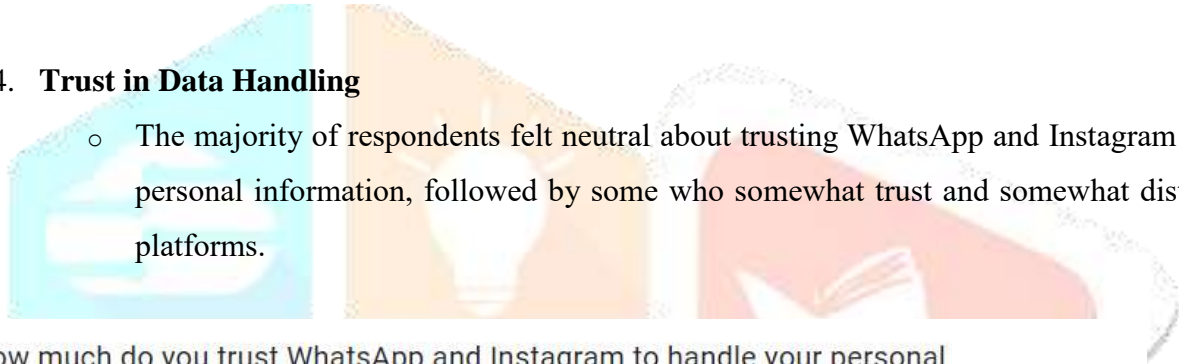
Have you ever read the privacy policies of WhatsApp and Instagram?

65 responses

- Yes, thoroughly
- No, never
- Maybe

4. **Trust in Data Handling**

   o The majority of respondents felt neutral about trusting WhatsApp and Instagram with their personal information, followed by some who somewhat trust and somewhat distrust these platforms.

How much do you trust WhatsApp and Instagram to handle your personal information?
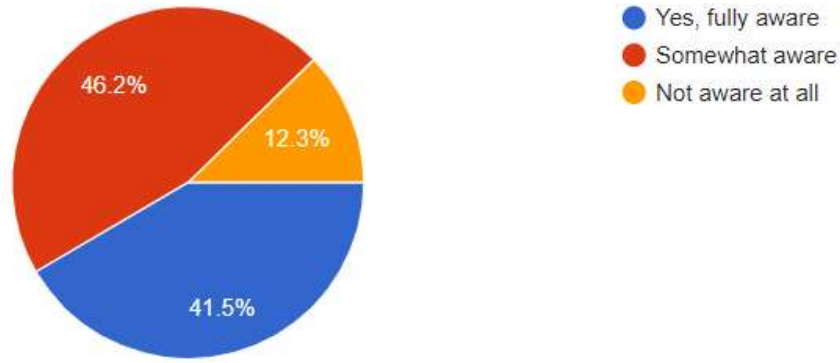
65 responses

- Completely trust
- Somewhat trust
- Neutral
- Somewhat distrust
- OptionCompletely distrust
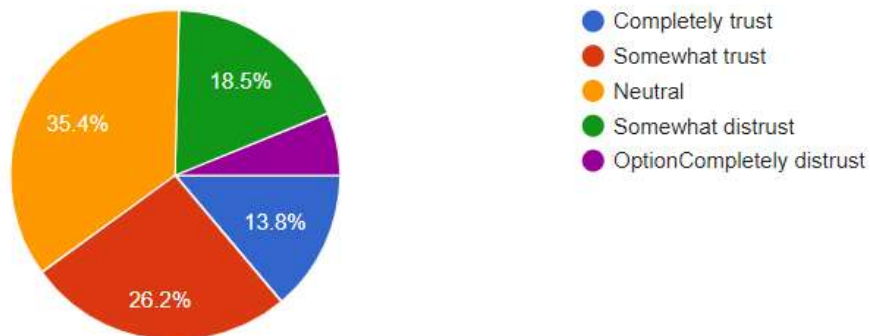
5. **Awareness of Data Collection**

   o Many respondents were somewhat aware of the data collected by these platforms, followed by those who were fully aware and those who were not aware.

Are you aware of the data collected by WhatsApp and Instagram?

65 responses

Legend:
- Yes, fully aware
- Somewhat aware
- Not aware at all

46.2%
12.3%
41.5%

6. **Comfort with Data Sharing**

   o Many respondents were very uncomfortable with their data being shared with third parties.

How comfortable are you with the data collected being shared with third parties?

65 responses

Legend:
- Very comfortable
- Somewhat comfortable
- Neutral
- Somewhat uncomfortable
- Very uncomfortable

46.2%
16.9%
21.5%
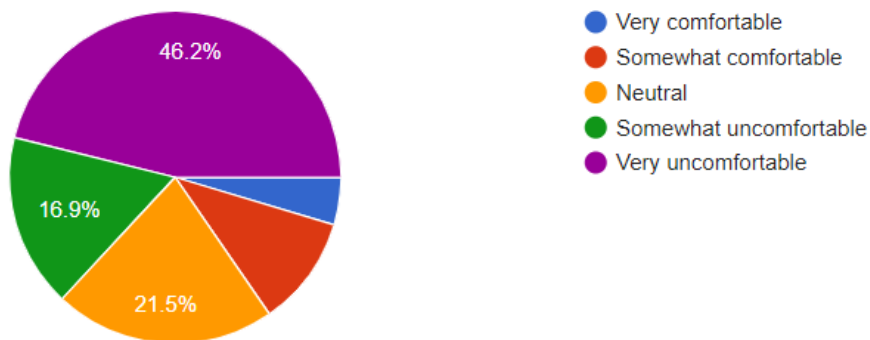
7. **Privacy Risks**
   o Unauthorized access to personal information was identified as the primary risk associated with using WhatsApp and Instagram.

What privacy risks do you associate with using WhatsApp and Instagram? (Select all that apply)
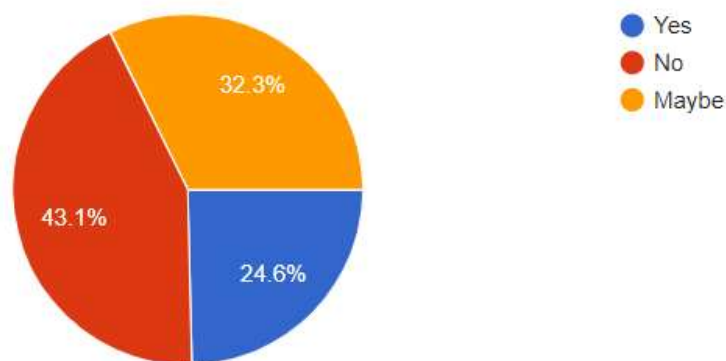
65 responses
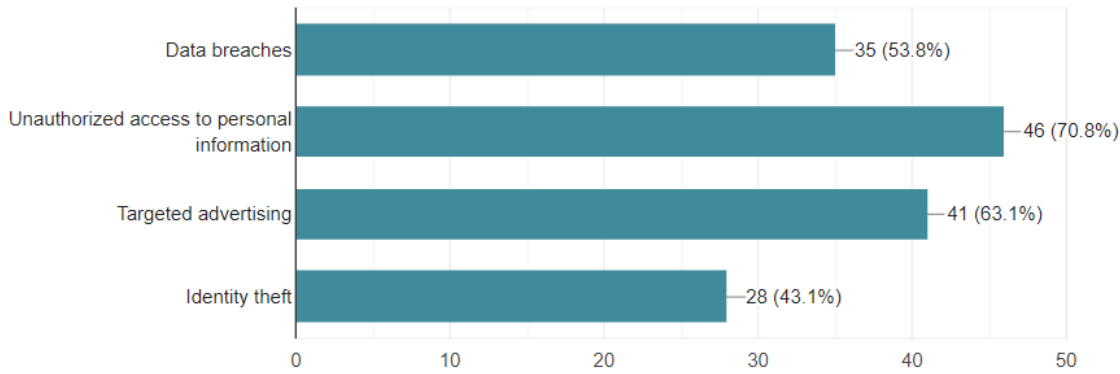
8. **Control Over Privacy Settings**
   o A significant number of respondents felt they did not have enough control over their privacy settings on these platforms.

Do you feel you have enough control over your privacy settings on WhatsApp and Instagram?
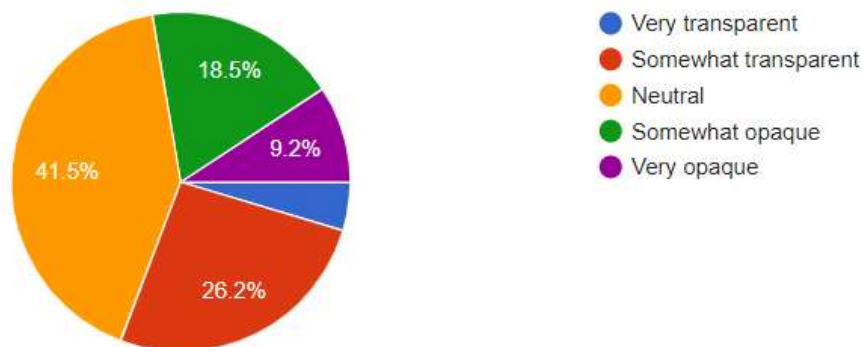
65 responses

9. **Transparency**
   o Respondents generally felt neutral about the transparency of WhatsApp and Instagram regarding their privacy policies and practices.

How would you rate the transparency of WhatsApp and Instagram regarding their privacy policies and practices?

65 responses

10. **Impact of Privacy Controversies**
    o Recent privacy controversies have decreased trust in WhatsApp and Instagram for a notable portion of respondents.

11. **Additional Comments**
    o Comments highlighted concerns over Instagram's use of data for advertisements, the need for laws and regulations to protect user data, skepticism over WhatsApp's claims of end-to-end encryption due to its closed-source nature, and a belief that privacy on these platforms is a myth.

Discussion

The findings indicate a general apprehension towards privacy on WhatsApp and Instagram among young adults. Despite frequent use, there is a significant level of discomfort with data sharing and a perceived lack of control over privacy settings. The neutral stance on transparency suggests a gap in user understanding or communication from the platforms. Privacy controversies have notably impacted user trust, emphasizing the need for greater transparency and user control.

1. **Discomfort with Data Sharing**: The survey revealed that many users are very uncomfortable with the idea of their data being shared with third parties. This discomfort likely stems from the pervasive fear of misuse of personal information, such as unauthorized access, identity theft, or targeted advertising that feels intrusive. The pervasive use of these platforms, despite these concerns, highlights a potential resignation to the perceived inevitability of data sharing in exchange for the services provided by these platforms.

2. **Perceived Lack of Control**: A significant number of respondents felt that they did not have sufficient control over their privacy settings on WhatsApp and Instagram. This lack of control can lead to feelings of vulnerability and helplessness among users, as they may feel unable to protect

their personal information adequately. The platforms' interfaces for managing privacy settings may be too complex, obscure, or buried within the app, making it difficult for users to navigate and utilize effectively.

3. **Neutral Stance on Transparency**: Users generally felt neutral about the transparency of WhatsApp and Instagram regarding their privacy policies and practices. This neutrality may indicate a lack of clear, understandable communication from the platforms about their data practices. Users may not have a full understanding of what data is being collected, how it is used, and who it is shared with, leading to a default neutral position rather than a well-informed one.

4. **Impact of Privacy Controversies on Trust**: Recent privacy controversies have significantly impacted user trust in these platforms. High-profile incidents, such as data breaches or revelations about data misuse, have likely contributed to a more skeptical and cautious user base. This erosion of trust underscores the need for these platforms to adopt more transparent and trustworthy practices to regain user confidence. Ensuring that users feel their data is handled with care and integrity is crucial for maintaining long-term engagement.

5. **User Feedback and Additional Comments**: The additional comments provided by respondents highlight specific areas of concern. For example, many users expressed dissatisfaction with Instagram's use of data for targeted advertisements, calling for stricter laws and regulations to protect their data. There is also skepticism about WhatsApp's claims of end-to-end encryption due to its closed-source nature, suggesting that users would feel more secure if these claims could be independently verified, like open-source platforms like Signal. Finally, some users expressed a broader sense of disillusionment, viewing privacy on these platforms as a myth.

Conclusion

This study underscores the importance of addressing user privacy concerns on social media platforms. WhatsApp and Instagram must enhance transparency, provide better control over privacy settings, and build trust through open-source practices and robust data protection measures.

1. **Enhancing Transparency**: To address the neutrality and skepticism regarding transparency, these platforms need to provide clearer, more accessible information about their data collection and usage practices. Regular updates and simplified privacy policy summaries can help users understand what data is being collected, how it is used, and who it is shared with.

2. **Improving User Control**: Enhancing the usability and visibility of privacy settings can empower users to manage their personal information more effectively. This could include more intuitive interfaces, easily accessible settings, and educational resources to guide users in protecting their privacy.

3. **Building Trust through Open-Source Practices**: Adopting open-source practices or allowing independent audits of security claims, such as end-to-end encryption, can help build trust with users. Open-source platforms like Signal have set a precedent by allowing their code to be publicly scrutinized, thereby fostering greater transparency and trust within their communities.

4. **Implementing Robust Data Protection Measures**: Ensuring that user data is securely handled and protected against breaches is paramount. This includes using state-of-the-art encryption technologies, regularly updating security protocols, and being transparent about measures taken to protect user data.

5. **Policymaker Involvement**: Policymakers should consider implementing regulations that mandate clearer disclosures, user control mechanisms, and accountability measures for data breaches. These regulations can help ensure that social media platforms adopt best practices for data privacy and security, ultimately protecting users and fostering a more trustworthy digital environment.

Overall, this study highlights the need for continuous efforts to improve privacy practices on social media platforms, ensuring that user trust and engagement can be maintained in an increasingly digital world. Addressing these concerns proactively can help WhatsApp and Instagram build a more secure and user-friendly environment, ultimately benefiting both the platforms and their users.

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