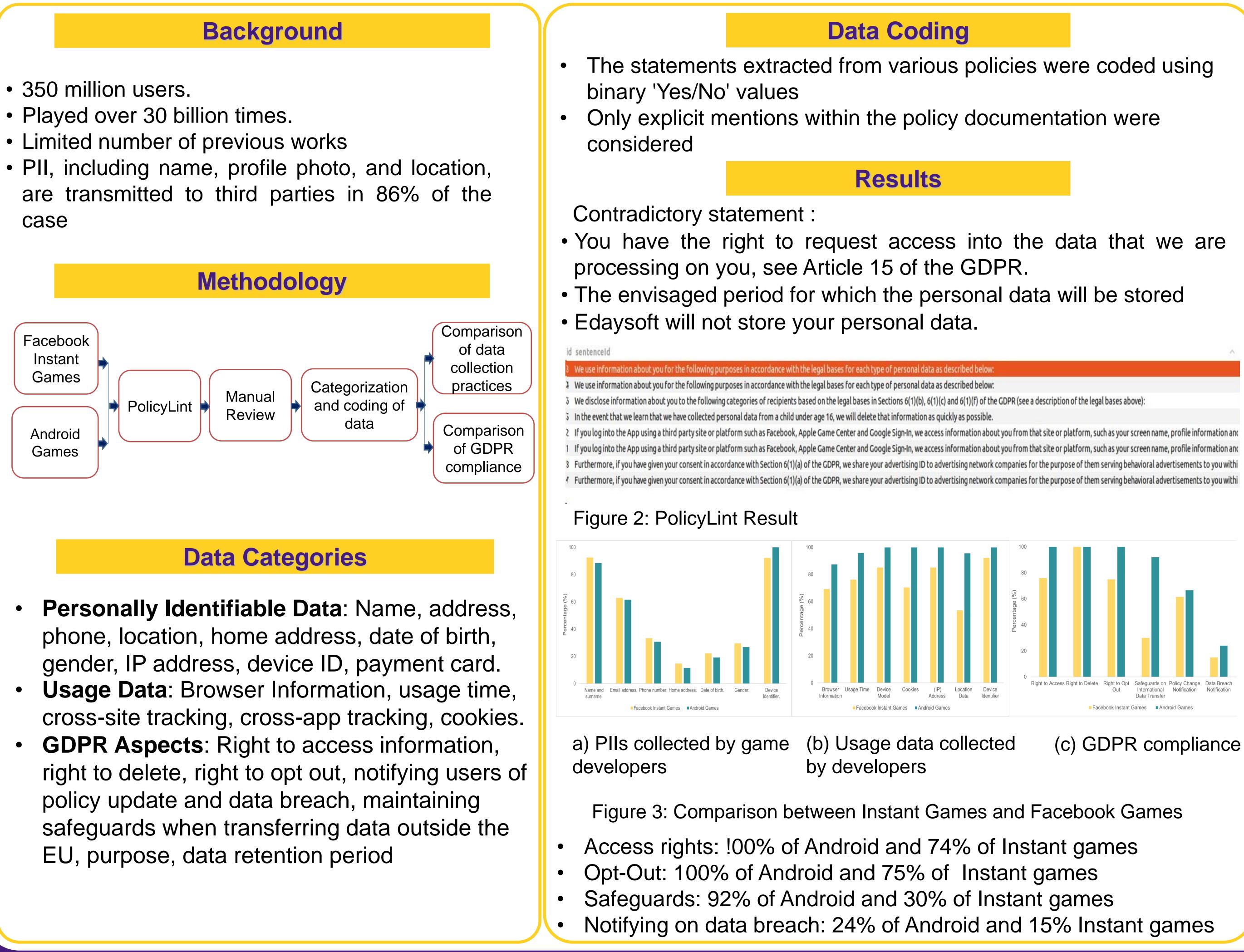


Abstract: Given Facebook's grip on the massive trove of personal information - about 3.03 billion monthly active users, it is of utmost importance to investigate who else has access to such user data through the platform. Cross-platform HTML5 games are third-party applications that leverage the Facebook API to develop and upload their games to the Facebook Community. However, given the lack of access to their application code, they have received less scrutiny than their more visible Google Play counterpart, thus potentially raising some privacy concerns. For this reason, our work conducts a comparative analysis of Facebook Instant Games and mainstream Android Games privacy policies, evaluating the disparity in their data collection, sharing, and regulatory compliance.

- Played over 30 billion times.
- case



Facebook Instant Games vs. Android Google **Play Games: A Privacy Policy Showdown** Tanzila Tabassum, Aisha Ali-Gombe



ACSAC 2023 December 4-8, 2023 • Austin, Texas, USA

Discussion

- 0 out of 27 instant games provided the users a consent box before the game started.
- App permissions in all instant games only mentioned collecting a user's profile picture, name, language selected, and friends list.
- Google's data safety section has a comprehensive list of type and purpose of collected data.

Conclusion

- Similar PII collection practices in both instant and Android games
- More Android games collect usage data than instant games
- Android game companies are better at offering GDPR-mandated user rights

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