

DAFTAR PUSTAKA

- [1] International Telecommunication Union, “Measuring digital development Facts and figures 2019,” *ITUPublications*, pp. 09–10, 2019.
- [2] A. Esteve, “The business of personal data: Google, Facebook, and privacy issues in the EU and the USA,” *Int. Data Priv. Law*, vol. 7, no. 1, pp. 36–47, 2017.
- [3] W. D. Eggers, R. Hamill, and A. Ali, “Data as the new currency,” *Deloitte Rev.*, vol. 13, no. 1, pp. 18–31, 2013.
- [4] A. Lukács, “What Is Privacy? The history and definition of privacy,” *Tavaszi Szél 2016 Tanulmánykötet I, Budapest, 15-17 April*, pp. 256–265, 2017.
- [5] W. Djafar, “Hukum Perlindungan Data Pribadi di Indonesia: Lanskap, Urgensi dan Kebutuhan Pembaruan,” Jakarta, 2019.
- [6] R. Gellert and S. Gutwirth, “Beyond accountability, the return to privacy?,” in *Managing Privacy Through Accountability*, 2012.
- [7] the European Parliament and the Council of the European Union, *Directive 95/EC of the European parliament and of the council*. 1995.
- [8] the European Parliament and the Council of the European Union, *Regulation (EU) 2016/679 the Eiropean Parliament and of the Council of 27 April 2016*. 2016.
- [9] *RUU Perlindungan Data Pribadi*. 2019.
- [10] Big Data Value Association, “Data Protection in the Era of Artificial Intelligence - Trends , existing solutions and recommendations for privacy-preserving technologies,” no. October, 2019.
- [11] C. Cadwalladr and E. Graham-Harrison, “The Cambridge analytica files,” 2018.
- [12] E. Graham-Harrison and C. Cadwalladr, “Revealed: 50 million Facebook profiles harvested for Cambridge Analytica in major data breach,” *Guard.*, pp. 1–5, 2018.
- [13] S. Spiekermann and J. Korunovska, “Towards a value theory for personal data,” *J. Inf. Technol.*, vol. 32, no. 1, pp. 62–84, 2017.
- [14] CISSReC, “HASIL SURVEY LEMBAGA RISET CISSReC ‘Tingkat Kesadaran Masyarakat Tentang Keamanan Informasi.’” 2017.
- [15] W. Enck, D. Oceau, P. McDaniel, and S. Chaudhuri, “A study of android application security,” in *Proceedings of the 20th USENIX Security Symposium*, 2011.
- [16] W. Enck *et al.*, “TaintDroid: An information-flow tracking system for realtime privacy monitoring on smartphones,” in *Proceedings of the 9th USENIX Symposium on Operating Systems Design and Implementation, OSDI 2010*, 2019.
- [17] Y. Yang, “Web user behavioral profiling for user identification,” *Decis. Support Syst.*, vol. 49, no. 3, 2010.
- [18] F. M. Naini, J. Unnikrishnan, P. Thiran, and M. Vetterli, “Where you are is



- who you are: User identification by matching statistics,” *IEEE Trans. Inf. Forensics Secur.*, vol. 11, no. 2, 2016.
- [19] S. Zahid, M. Shahzad, S. A. Khayam, and M. Farooq, “Keystroke-based user identification on smart phones,” in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2009, vol. 5758 LNCS.
- [20] L. Sun, Y. Wang, B. Cao, P. S. Yu, W. Srisa-An, and A. D. Leow, “Sequential Keystroke Behavioral Biometrics for Mobile User Identification via Multi-view Deep Learning,” in *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 2017, vol. 10536 LNAI.
- [21] T. Feng, J. Yang, Z. Yan, E. M. Tapia, and W. Shi, “TIPS: Context-aware implicit user identification using touch screen in uncontrolled environments,” in *Proceedings of the 15th Workshop on Mobile Computing Systems and Applications, HotMobile 2014*, 2014.
- [22] T. Feng *et al.*, “Continuous mobile authentication using touchscreen gestures,” in *2012 IEEE International Conference on Technologies for Homeland Security, HST 2012*, 2012.
- [23] C. Bo, L. Zhang, X. Y. Li, Q. Huang, and Y. Wang, “SilentSense: Silent user identification via touch and movement behavioral biometrics,” in *Proceedings of the Annual International Conference on Mobile Computing and Networking, MOBICOM*, 2013.
- [24] Y. A. De Montjoye, C. A. Hidalgo, M. Verleysen, and V. D. Blondel, “Unique in the Crowd: The privacy bounds of human mobility,” *Sci. Rep.*, vol. 3, 2013.
- [25] T. Stöber, M. Frank, J. Schmitt, and I. Martinovic, “Who do you sync you are? Smartphone fingerprinting via application behaviour,” *WiSec 2013 - Proc. 6th ACM Conf. Secur. Priv. Wirel. Mob. Networks*, pp. 7–12, 2013.
- [26] Z. Tu *et al.*, “Your Apps Give You Away,” *Proc. ACM Interactive, Mobile, Wearable Ubiquitous Technol.*, vol. 2, no. 3, 2018.
- [27] P. Welke, I. Andone, K. Błaszkiwicz, and A. Markowetz, “Differentiating smartphone users by app usage,” in *UbiComp 2016 - Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing*, 2016.
- [28] J. R. Kwapisz, G. M. Weiss, and S. A. Moore, “Cell phone-based biometric identification,” in *IEEE 4th International Conference on Biometrics: Theory, Applications and Systems, BTAS 2010*, 2010.
- [29] W. Shi, J. Yang, Y. Jiang, F. Yang, and Y. Xiong, “SenGuard: Passive user identification on smartphones using multiple sensors,” in *International Conference on Wireless and Mobile Computing, Networking and Communications*, 2011.
- [30] L. Rossi, J. Walker, and M. Musolesi, “Spatio-temporal techniques for user identification by means of GPS mobility data,” *EPJ Data Sci.*, vol. 4, no. 1, 2015.
- [31] W. Cao, Z. Wu, D. Wang, J. Li, and H. Wu, “Automatic user identification method across heterogeneous mobility data sources,” in *2016 IEEE 32nd*



- International Conference on Data Engineering, ICDE 2016*, 2016.
- [32] Google, "Google Takeout." [Online]. Available: <https://takeout.google.com/settings/takeout>. [Accessed: 02-Apr-2021].
- [33] Apple, "Get a copy of the data associated with your Apple ID account." [Online]. Available: <https://support.apple.com/en-us/HT208502>. [Accessed: 02-Apr-2021].
- [34] S. Ganguly, "Do You Use Google Takeout? The Company Might Have Leaked Your Data To Strangers," 2020. .
- [35] M. Theoharidou, A. Mylonas, and D. Gritzalis, "A risk assessment method for smartphones," in *IFIP Advances in Information and Communication Technology*, 2012, vol. 376 AICT.
- [36] M. Alexios, "Smartphone Spying Tools," University of London, 2018.
- [37] V. Sze, Y. H. Chen, T. J. Yang, and J. S. Emer, "Efficient Processing of Deep Neural Networks: A Tutorial and Survey," *Proceedings of the IEEE*, vol. 105, no. 12. 2017.
- [38] W. Rawat and Z. Wang, "Deep convolutional neural networks for image classification: A comprehensive review," *Neural Computation*, vol. 29, no. 9. 2017.
- [39] Y. B. Wah, H. A. A. Rahman, H. He, and A. Bulgiba, "Handling imbalanced dataset using SVM and k-NN approach," in *AIP Conference Proceedings*, 2016, vol. 1750.
- [40] G. Chittaranjan, B. Jan, and D. Gatica-Perez, "Who's who with big-five: Analyzing and classifying personality traits with smartphones," in *Proceedings - International Symposium on Wearable Computers, ISWC*, 2011.
- [41] A. S. de Montjoye, Y. A.; Quoidbach, J.; Robic, F.; & Pentland, "Predicting people personality using novel mobile phone-based metrics," 2012.
- [42] B. Mønsted, A. Mollgaard, and J. Mathiesen, "Phone-based metric as a predictor for basic personality traits," *J. Res. Pers.*, vol. 74, 2018.
- [43] H. Ots, I. Liiv, and D. Tur, "Mobile phone usage data for credit scoring," in *Communications in Computer and Information Science*, 2020, vol. 1243 CCIS.
- [44] S. Seneviratne, A. Seneviratne, P. Mohapatra, and A. Mahanti, "Your installed apps reveal your gender and more!," in *SPME 2014 - Proceedings of the ACM MobiCom Workshop on Security and Privacy in Mobile Environments*, 2014.
- [45] S. Seneviratne, A. Seneviratne, P. Mohapatra, and A. Mahanti, "Predicting user traits from a snapshot of apps installed on a smartphone," *ACM SIGMOBILE Mob. Comput. Commun. Rev.*, vol. 18, no. 2, 2014.



UNIVERSITAS
GADJAH MADA

Identifikasi Pengguna Menggunakan Data Aktivitas Penggunaan Gawai
SYAFIRA FITRI AULIYA, Ir. Lukito Edi Nugroho, M.Sc. Ph.D; Noor Akhmad Setiawan, S.T., M.T., Ph.D.
Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>