DAFTAR PUSTAKA

Abdi, H. and Williams, L.J., 2010, Principal Component Analysis, *Wiley Interdisciplinary Reviews: Computational Statistics*, 2(4), pp.433-459.

Alghamdi, A.S.A., 2011. Efficient Implementation of FP Growth Algorithm-Data Mining on Medical Data, *International Journal of Computer Science and Network Security*, 11(12), pp.7-16.

Amatriain, X. and Pujol, J.M., 2015, Data Mining Methods for Recommender Systems, *In Recommender Systems Handbook* (pp. 227-262), Springer US.

Asif, R., Haider, N.G. and Ali, S.A., 2016, Prediction of Undergraduate Student's Performance using Data Mining Methods, *International Journal of Computer Science and Information Security*, *14*(5), p.374.

Asmai, S.A., Roslin, N.I.A., Abdullah, R.W. and Ahmad, S., 2014, Predictive Crime Mapping Model using Association Rule Mining for Crime Analysis, *Age*, 12, p.21.

Atmasasmita, R., 2010, *Bunga Rampai Kriminologi: Dari Kejahatan dan Penyimpangan, Usaha Pengendalian, Sampai Renungan Teoritis*, Departemen Kriminologi, Fakultas Ilmu Sosial dan Ilmu Politik, Universitas Indonesia.

Bhatt, A., Dubey, S.K. and Bhatt, A.K., 2018, Analytical Study on Cardiovascular Health Issues Prediction Using Decision Model-Based Predictive Analytic Techniques, In *Soft Computing: Theories and Applications* (pp. 289-299). Springer, Singapore.

Blasi, Anas, 2017, Performance Increment of High School Students using ANN Model and Sa Algorithm, *Journal of Theoretical and Applied Information Technology*, Vol 95 No 11: 2417–2425.

BPS, 2016, Statistik Politik dan Keamanan Daerah Istimewa Yogyakarta, Badan Pusat Statistik Provinsi DIY. www.yogyakarta.bps.go.id

BPS, 2016, Provinsi D.I. Yogyakarta Dalam Angka 2017, Badan Pusat Statistik Provinsi DIY. www.yogyakarta.bps.go.id

Bramer, M., 2007, *Principles of Data Mining* (Vol. 180), London.: Springer.

Chen, H., Chung, W., Xu, J.J., Wang, G., Qin, Y. and Chau, M., 2004, Crime Data Mining: a General Framework and Some Examples, *Computer*, 37(4), pp.50-56.

Cil, I., 2012, Consumption Universes Based Supermarket Layout Through Association Rule Mining and Multidimensional Scaling, *Expert Systems with Applications*, 39(10), pp.8611-8625.

Dangare, C.S. and Apte, S.S., 2012, Improved Study of Heart Disease Prediction System using Data Mining Classification Techniques, *International Journal of Computer Applications*, 47(10), pp.44-48.

Dahan, H., Cohen, S., Rokach, L. and Maimon, O., 2014, *Proactive Data Mining with Decision Trees*, Springer Science & Business Media.

Deepashri. and Kamath, A., 2017, Survey on Techniques of Data Mining and its Applications.

Deng, X., Liu, Q., Deng, Y. and Mahadevan, S., 2016, An Improved Method to Construct Basic Probability Assignment Based on the Confusion Matrix for Classification Problem, *Information Sciences*, *340*, pp.250-261.

Fok, W.W., Chen, H., Yi, J., Li, S., Yeung, H.A., Ying, W. and Fang, L., 2014, September. Data mining Application of Decision Trees for Student Profiling at the Open University of China. In *Trust, Security and Privacy in Computing and Communications (TrustCom), 2014 IEEE 13th International Conference on* (pp. 732-738). IEEE.

Geetha, A. and Nasira, G.M., 2014, December, Data mining for Meteorological Applications: Decision Trees for Modeling Rainfall Prediction, In *Computational Intelligence and Computing Research (ICCIC), 2014 IEEE International Conference on* (pp. 1-4). IEEE.

Gupta, B. and Garg, D., 2011, FP-Tree Based Algorithms Analysis: FP Growth, COFI-Tree and CT-PRO, *International Journal on Computer Science and Engineering*, 3(7), pp.2691-2699.

Hassani, H., Huang, X., Silva, E.S. and Ghodsi, M., 2016, A Review of Data Mining Applications in Crime, Statistical Analysis and Data Mining: *The ASA Data Science Journal*, 9(3), pp.139-154.

Hummel, J., Strehmel, N., Selbig, J., Walther, D. and Kopka, J., 2010, Decision Tree Supported Substructure Prediction of Metabolites from GC-MS Profiles, *Metabolomics*, *6*(2), pp.322-333.

Isafiade, O.E. and Bagula, A.B., 2013, December. Citisafe: Adaptive Spatial Pattern Knowledge using Fp-Growth Algorithm for Crime Situation Recognition, *In Ubiquitous Intelligence and Computing, 2013 IEEE 10th International Conference on and 10th International Conference on Autonomic and Trusted Computing* (UIC/ATC) (pp. 551-556), IEEE.

Indonesia and Soesilo (R.), 1976, *Kitab Undang-Undang Hukum Pidana (KUHP): serta Komentar-Komentarnja Lengkap Pasal Demi Pasal*, Politeia.

Ivančević, V., Tušek, I., Tušek, J., Knežević, M., Elheshk, S. and Luković, I., 2015, Using Association Rule Mining to Identify Risk Factors for Early Childhood Caries, *Computer methods and programs in biomedicine*, 122(2), pp.175-181.

Jolliffe, I.T., 1986, *Principal Component Analysis and Factor Analysis*, *In Principal Component Analysis* (pp. 115-128), Springer New York.

Joshi, A. and Suresh, M.B., 2014, Compact Structure of Felonious Crime Sets Using FP-Tree Comparable Algorithms Analysis.

Kartono, 2009, *Patologi Sosial*, Rajawali Pers, Jakarta.

Kusumawati, Dewi., Wing Wahyu Winarno., and M Rudyanto Arief., 2015, Prediksi Kelulusan Mahasiswa Menggunakan Metode Neural Network Dan Particle Swarm Optimization, *Seminar Nasional Teknologi Informasi dan Multimedia*, hal 6–8.

Larose, D.T., 2014, Discovering Knowledge in Data: an Introduction to Data Mining. John Wiley & Sons.

Liao, S.H., Chu, P.H. and Hsiao, P.Y., 2012, Data Mining Techniques and Applications–A Decade Review from 2000 to 2011. *Expert systems with applications*, 39(12), pp.11303-11311.

Ludwig, S.A., Picek, S. and Jakobovic, D., 2018, Classification of Cancer Data: Analyzing Gene Expression Data Using a Fuzzy Decision Tree Algorithm, In *Operations Research Applications in Health Care Management* (pp. 327-347), Springer, Cham.

Ma, L., Cheng, L., Li, M., Liu, Y. and Ma, X., 2015, Training Set Size, Scale, and Features in Geographic Object-Based Image Analysis of Very High Resolution Unmanned Aerial Vehicle Imagery, *ISPRS Journal of Photogrammetry and Remote Sensing*, *102*, pp.14-27.

Nasridinov, A., Ihm, S.Y. and Park, Y.H., 2013, A Decision Tree-Based Classification Model for Crime Prediction, In *Information Technology Convergence*(pp. 531-538), Springer, Dordrecht.

Palaniappan, S., Mustapha, A., Foozy, C.F.M. and Atan, R., 2017, Customer Profiling using Classification Approach for Bank Telemarketing, *JOIV: International Journal on Informatics Visualization*, *1*(4-2), pp.214-217.

Pandey, M. and Sharma, V.K., 2013, A Decision Tree Algorithm Pertaining to the Student Performance Analysis and Prediction, *International Journal of Computer Applications*, *61*(13).

Perry, W.L. and Gordon, J.I., 2008, Analytic Support to Intelligence in Counterinsurgencies, Rand Corporation.

Pramadhani, A.E. and Setiadi, T., 2014, Penerapan Data Mining untuk Klasifikasi Prediksi Penyakit Ispa (Infeksi Saluran Pernapasan Akut) dengan Algoritma Decision Tree (Id3), *JSTIE (Jurnal Sarjana Teknik Informatika)(E-Journal)*, *2*(1), pp.160-168.

Qun, C., Mei, L., Zhibing, H., Yuke, W. and Jiangping, L., 2009, August. An Improved FP-Growth Algorithm and its Application in Tongue Diagnosis of Traditional Chinese Medicine, In Fuzzy Systems and Knowledge Discovery, 2009. FSKD'09, *Sixth International Conference on* (Vol. 2 56-59), IEEE.

Sathyadevan, S. and Gangadharan, S., 2014, August. Crime Analysis and Prediction using Data Mining, In *Networks & Soft Computing (ICNSC), 2014 First International Conference on* (pp. 406-412). IEEE.

Sivakumar, S. and Selvaraj, R., 2018. Predictive Modeling of Students Performance Through the Enhanced Decision Tree, In *Advances in Electronics, Communication and Computing* (pp. 21-36), Springer, Singapore.

Shojaee, S., Mustapha, A., Sidi, F. and Jabar, M.A., 2013, A Study on Classification Learning Algorithms to Predict Crime Status, *International Journal of Digital Content Technology and its Applications*, 7(9), p.361.

Smith, Lindsay I. 2002, *A Tutorial on Principal Components Analysis Introduction. Statistics* 51: 52.

Soesilo, R., 2008, *Kitab Undang-Undang Hukum Pidana serta Komentar-Komentar Lengkap Pasal Demi Pasal*, Politeia, Bogor.

Sucahyo, Y.G. and Gopalan, R.P., 2004, November, CT-PRO: A Bottom-Up Non Recursive Frequent Itemset Mining Algorithm Using Compressed FP-Tree Data Structure, *In FIMI* (Vol. 4, pp. 212-223).

Sulistyowati, S., 2016, Klasifikasi Data Kejadian Luar Biasa Campak Menggunakan Metode Decision Tree C4. 5. *JIKO (Jurnal Informatika dan Komputer)*, 1(1).

Susanto, H. and Sudiyatno, S., 2014, Data Mining Untuk Memprediksi Prestasi Siswa Berdasarkan Sosial Ekonomi, Motivasi, Kedisiplinan Dan Prestasi Masa Lalu, *Jurnal pendidikan vokasi*, 4(2).

Tan, P.N., Steinbach, M. dan Kumar, V., 2006, *Introduction to Data Mining*, Pearson, San Fransisco.

Tayal, D.K., Jain, A., Arora, S., Agarwal, S., Gupta, T. and Tyagi, N., 2015, Crime Detection and Criminal Identification in India using Data Mining Techniques, *AI & society*, 30(1), pp.117-127.

Thongsatapornwatana, U., 2016, January. A Survey of Data Mining Techniques for Analyzing Crime Patterns, In *Defence Technology (ACDT), 2016 Second Asian Conference on* (pp. 123-128), IEEE.

Topîrceanu, A. and Grosseck, G., 2017, Decision Tree Learning Used for the Classification of Student Archetypes in Online Courses, *Procedia Computer Science*, 112, pp.51-60.

Uchida, C.D., 2010, A National Discussion of Predictive Policing: Defining Our Terms and Mapping Successful Implementation Strategies, prepared for the National Institute of Justice, Document No. NCJ, 230404.

Wu, J., Meziane, F., Saraee, M., Aspin, R. and Hope, T., 2016, October. Mining the Crime Survey to Support Crime Profiling, In *Computational Intelligenc Multimedia Understanding (IWCIM), 2016 International Workshop on* 1-4). IEEE.

Zubi, Z.S. and Mahmmud, A.A., 2014. Using Data Mining Techniques to Analyze Crime Patterns in the Libyan National Crime Data, *Recent Advances in Image, Audio and Signal Processing*, 8, pp.79-85.