## **DAFTAR PUSTAKA**

- [1] Y. Guo, N. Wang, Z. Y. Xu and K. Wu, "The internet of things-based decision support system for information processing in intelligent manufacturing using data mining technology," *Mechanical Systems and Signal Processing*, vol. 142, 2020.
- [2] N. Jothi, N. A. Rashid and W. Husain, "Data Mining in Healthcare A Review," in *Procedia Computer Science*, 2015.
- [3] J. T. Wei, M. C. Lee, H. K. Chen and H. H. Wu, "Customer relationship management in the hairdressing industry: An application of data mining techniques," *Expert Systems with Applications*, vol. 40, no. 18, pp. 7513-7518, 2013.
- [4] S. H. Liao, Y. J. Chen and H. H. Hsieh, "Mining customer knowledge for direct selling and marketing," *Expert Systems with Applications*, vol. 38, no. 5, pp. 6059-6069, 2011.
- [5] J. Han, M. Kamber and J. Pei, Data Mining. Concepts and Techniques, 3rd Edition ed., Amsterdam: Elsevier/Morgan Kaufmann, 2012.
- [6] S. Tsumoto, T. Kimura, H. Iwata and S. Hirano, "Mining Text for Disease Diagnosis," in *Procedia Computer Science*, 2017.
- [7] S. Malik, R. Khadgawat, S. Anand and S. Gupta, "Non-invasive detection of fasting blood glucose level via electrochemical measurement of saliva," *SpringerPlus*, vol. 5, no. 1, 2016.
- [8] C. Tucker, Y. Han, H. Black Nembhard, W. C. Lee, M. Lewis, N. Sterling and X. Huang, "A data mining methodology for predicting early stage Parkinson's disease using non-invasive, high-dimensional gait sensor data," *IIE Transactions on Healthcare Systems Engineering*, vol. 5, no. 4, pp. 238-254, 2015.
- [9] R. J. Oskouei, N. M. Kor and S. A. Maleki, "Original Article Data mining and medical world: breast cancers' diagnosis, treatment, prognosis and challenges," *Am J Cancer Res*, vol. 7, no. 3, pp. 610-627, 2017.
- [10] R. Alizadehsani, J. Habibi, M. J. Hosseini, H. Mashayekhi, R. Boghrati, A. Ghandeharioun, B. Bahadorian and Z. A. Sani, "A data mining approach

for diagnosis of coronary artery disease," *Computer Methods and Programs in Biomedicine*, vol. 111, no. 1, pp. 52-61, 2013.

- [11] S. Muthukaruppan and M. J. Er, "A hybrid particle swarm optimization based fuzzy expert system for the diagnosis of coronary artery disease," *Expert Systems with Applications*, vol. 39, no. 14, pp. 11657-11665, 2012.
- [12] Y. Qian, M. Zheng, X. Li and L. Lin, "Implementation of knowledge maintenance modules in an expert system for fault diagnosis of chemical process operation," *Expert Systems with Applications*, vol. 28, no. 2, pp. 249-257, 2005.
- [13] H. Zamani Sabzi, J. P. King and S. Abudu, "Developing an intelligent expert system for streamflow prediction, integrated in a dynamic decision support system for managing multiple reservoirs: A case study," *Expert Systems with Applications*, vol. 83, pp. 145-163, 2017.
- [14] E. P. Balogh, B. T. Miller and J. R. Ball, Improving diagnosis in health care, National Academies Press, 2016, pp. 1-472.
- [15] C. Cortes, V. Vapnik and L. Saitta, "Support-Vector Networks Editor," Kluwer Academic Publishers, 1995.
- [16] I. Maglogiannis, E. Loukis, E. Zafiropoulos and A. Stasis, "Support Vectors Machine-based identification of heart valve diseases using heart sounds," *Computer Methods and Programs in Biomedicine*, vol. 95, no. 1, pp. 47-61, 2009.
- [17] B. E. Boser, I. M. Guyon and V. N. Vapnik, "A Training Algorithm for Optimal Margin Classifiers," in COLT '92: Proceedings of the fifth annual workshop on Computational learning theory, 1992.
- [18] C. Y. J. Peng, K. L. Lee and G. M. Ingersoll, "An introduction to logistic regression analysis and reporting," *Journal of Educational Research*, vol. 96, no. 1, pp. 3-14, 2002.
- [19] I. Al-Turaiki, M. Alshahrani and T. Almutairi, "Building predictive models for MERS-CoV infections using data mining techniques," *Journal of Infection and Public Health*, vol. 9, no. 6, pp. 744-748, 2016.

- [20] N. Wickramasinghe, J. N. D. Gupta and S. K. Sharma, Creating knowledge-based healthcare organizations, Idea Group Pub, 2005, p. 368.
- [21] R. Sharda, D. Delen, E. Turban, J. E. Aronson, T.-P. Liang and D. King, Business intelligence, analytics, and data science : a managerial perspective, Pearson Education Limited, 2018
- [22] K. Tomita, R. Nagao, H. Touge, T. Ikeuchi, H. Sano, A. Yamasaki and Y. Tohda, "Deep learning facilitates the diagnosis of adult asthma," *Allergology International*, vol. 68, no. 4, pp. 456-461, 2019.
- [23] J. Finkelstein and I. c. Jeong, "Machine learning approaches to personalize early prediction of asthma exacerbations," *Annals of the New York Academy of Sciences*, vol. 1387, no. 1, pp. 153-165, 1 1 2017.
- [24] A. Khemphila and V. Boonjing, "Comparing performances of logistic regression, decision trees, and neural networks for classifying heart disease patients," dalam 2010 International Conference on Computer Information Systems and Industrial Management Applications (CISIM), 2010.
- [25] L. Tapak, H. Mahjub, O. Hamidi and J. Poorolajal, "Real-data comparison of data mining methods in prediction of diabetes in Iran," *Healthcare Informatics Research*, vol. 19, no. 3, pp. 177-185, 2013.
- [26] J. Zhao, T. Wang, Intelligent Information Technology Application Research Association., Institute of Electrical and Electronics Engineers. and IEEE Communications Society. Beijing (Changsha) Chapter., "A General Framework for Medical Data Mining," in 2010 International Conference on Future Information Technology and Management Engineering : FITME 2010, Changzhou, China, 2010.
- [27] F. Choudhry, U. Qamar and M. Chaudhry, "Rule based inference engine to forecast the prevalence of congenital malformations in live births," in 2015 IEEE/ACIS 16th International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing, SNPD 2015 - Proceedings, 2015.
- [28] S. Itani, F. Lecron and P. Fortemps, "Specifics of medical data mining for diagnosis aid: A survey," *Expert Systems with Applications*, vol. 118, pp. 300-314, 15 3 2019.

- [29] P. Devi Novayanti, G. Indrawan, P. Nyoman Crisnapati and J. Raya Puputan Renon, "Analisa Rekam Medis untuk Menentukan Pola Penyakit Menggunakan Klasifikasi dengan Decision Tree J48 pada WEKA," dalam Prosiding Seminar Nasional Pendidikan Teknik Informatika (SENAPATI 2016), Denpasar, Indonesia, 2016
- [30] World Health Organization., International statistical classification of diseases and related health problems., World Health Organization, 2011.
- [31] P. Jackson, Introduction to expert systems, Addison-Wesley, 1985.
- [32] S. Russell and P. Norvig, Artificial Intelligence A Modern Approach, Upper Saddle River, New Jersey: Pearson Education, Inc., 2010.
- [33] M. Flasiński, Introduction to Artificial Intelligence, Kraków: Springer International Publishing Switzerland, 2016.
- [34] M. Stefik, "Introduction to Knowledge Systems," 1995.
- [35] O. M. G. (. Inc., "Business Process Model and Notation (BPMN) Version 2.0," 2011.
- [36] A. K. Arslan, C. Colak and M. E. Sarihan, "Different medical data mining approaches based prediction of ischemic stroke," *Computer Methods and Programs in Biomedicine*, vol. 130, pp. 87-92, 1 7 2016.
- [37] K. Eyasu, W. Jimma and T. Tadesse, "Developing a Prototype Knowledge-Based System for Diagnosis and Treatment of Diabetes Using Data Mining Techniques," *Ethiopian Journal of Health Science*, vol. 30, no. 1, pp. 115-124, 2020.
- [38] C. Lin, E. W. Karlson, H. Canhao, T. A. Miller, D. Dligach, P. J. Chen, R. N. G. Perez, Y. Shen, M. E. Weinblatt, N. A. Shadick, R. M. Plenge and G. K. Savova, "Automatic Prediction of Rheumatoid Arthritis Disease Activity from the Electronic Medical Records," *PLoS ONE*, vol. 8, no. 8, 16 8 2013.
- [39] C. A. Turner, A. D. Jacobs, C. K. Marques, J. C. Oates, D. L. Kamen, P. E. Anderson and J. S. Obeid, "Word2Vec inversion and traditional text classifiers for phenotyping lupus," *BMC Medical Informatics and Decision Making*, vol. 17, no. 1, 22 8 2017.

- [40] F. M. Palechor and A. d. l. H. Manotas, "Dataset for estimation of obesity levels based on eating habits and physical condition in individuals from Colombia, Peru and Mexico," *Data in Brief*, vol. 25, p. 104344, 2019.
- [41] M. B. Priyantono, A. A. Rachmawan, L. A. P. Budi and K. C. Kirana,
  "Sistem Prediksi Gejala Virus Korona dengan Metode Forward Chaining," *JTERA (Jurnal Teknologi Rekayasa)*, vol. 5, no. 1, pp. 111-118, 2020.
- [42] "sklearn.preprocessing.StandardScaler," [Online]. Available: https://scikitlearn.org/stable/modules/generated/sklearn.preprocessing.StandardScaler.ht ml?highlight=standardscaler#sklearn.preprocessing.StandardScaler. [Accessed 15 12 2020].

