

DAFTAR PUSTAKA

- [1] A. W. Utami, “Kualitas air sungai Citarum,” 2019.
- [2] “Sekilas Citarum Kondisi Fisik dan Spasial,” Cita-Citarum. Diakses: 8 Oktober 2023. [Daring]. Tersedia pada: <http://citarum.org/tentang-kami/sekilas-citarum/kondisi-fisik-dan-spasial.html>
- [3] R. Desriyan, “Identifikasi pencemaran logam berat timbal (Pb) pada perairan Sungai Citarum Hulu segmen Dayeuhkolot sampai Nanjung,” Jurnal Reka Lingkungan, vol. 3, no. 1, hlm. 41–52, 2015.
- [4] “KLHK Jelaskan Penanganan Pencemaran Sungai Citarum, Cisadane dan Ciujung,” PPID Kementerian Lingkungan Hidup dan Kehutanan. Diakses: 8 Oktober 2023. [Daring]. Tersedia pada: https://ppid.menlhk.go.id/siaran_pers/browse/1643
- [5] T. Setiady, “Pencegahan Pencemaran Air Sungai Citarum Akibat Limbah Industri,” Yustitia, vol. 3, no. 2, hlm. 185–198, 2017.
- [6] I. Fuady, D. Prasanti, dan S. S. Indriani, “Sosialisasi Peningkatan Pengetahuan Perilaku Hidup Bersih dan Sehat pada Masyarakat di Hulu Bantaran Sungai Citarum,” ABDI MOESTOPO: Jurnal Pengabdian Pada Masyarakat, vol. 3, no. 02, hlm. 42–44, 2020.
- [7] Z. Fani, “Pencemaran Sungai Citarum dan Tanggung Jawab Sosial Perusahaan,” Kumbaran. Diakses: 10 Oktober 2023. [Daring]. Tersedia pada: <https://kumbaran.com/zahra-fani-robianti/pencemaran-sungai-citarum-dan-tanggung-jawab-sosial-perusahaan-1urHoN1LdOb>
- [8] A. Putra, “Sungai Citarum, Predikat Sungai Tercemar di Dunia. Bagaimana Solusinya?,” Konservasi DAS Universitas Gajah Mada. Diakses: 10 Oktober 2023. [Daring]. Tersedia pada: <https://konservasidas.fkt.ugm.ac.id/2020/06/20/sungai-citarum-predikat-sungai-tercemar-di-dunia-bagaimana-solusinya/>
- [9] H. Hartatik, A. Syafrianto, dan W. Widayani, “Perbandingan klasifikasi pecemaran air sungai dengan metode backpropagation dan naïve bayes,” Data Manajemen dan Teknologi Informasi (DASI), vol. 18, no. 4, hlm. 67–71, 2018.
- [10] S. Ashilah, “Data Status Mutu Air Anak Sungai Citarum di Kota Bandung 2020, Sungai Ciwastra Terburuk,” Bandung Bergerak id. Diakses: 10 Oktober 2023. [Daring]. Tersedia pada:

- <https://bandungbergerak.id/article/detail/1697/data-status-mutu-air-anak-sungai-citarum-di-kota-bandung-2020-sungai-ciwastra-terburuk>
- [11] S. Pangarso, A. Krisna, P. Rosalina, Y. Budianto, dan W. Ritonga, “Antologi Manusia Citarum Pengaruh terbesar Citarum mungkin hanya bisa dirasakan langsung oleh mereka yang tinggal di hulu hingga hilir sungai ini.,” Kompas. Diakses: 10 Oktober 2023. [Daring]. Tersedia pada: <https://www.kompas.id/baca/investigasi/2023/02/22/antologi-manusia-citarum>
- [12] B. Dea, “Mengenal Kelemahan dan Kelebihan Naive Bayes,” Algoritma learn data science by building. Diakses: 12 Oktober 2023. [Daring]. Tersedia pada: <https://blog.algorit.ma/kelebihan-naive-bayes/>
- [13] A. Bora, “Complement Naive Bayes (CNB) Algorithm,” GeeksforGeeks. Diakses: 12 Oktober 2023. [Daring]. Tersedia pada: <https://www.geeksforgeeks.org/complement-naive-bayes-cnb-algorithm/>
- [14] S. Sun dan R. Huang, “An adaptive k-nearest neighbor algorithm,” dalam 2010 seventh international conference on fuzzy systems and knowledge discovery, IEEE, 2010, hlm. 91–94.
- [15] A. Al-Masri, “How Does Backpropagation in a Neural Network Work?,” Built In: National Tech & startups. Diakses: 12 Oktober 2023. [Daring]. Tersedia pada: <https://builtin.com/machine-learning/backpropagation-neural-network>
- [16] F. A, “Pengertian Website, Manfaat, dan Jenis-Jenisnya Lengkap!,” Hostinger. Diakses: 12 Oktober 2023. [Daring]. Tersedia pada: <https://www.hostinger.co.id/tutorial/website-adalah>
- [17] A. I. Prianti, R. Santoso, dan A. R. Hakim, “Perbandingan metode K-Nearest Neighbor dan adaptive boosting pada kasus klasifikasi multi kelas,” Jurnal Gaussian, vol. 9, no. 3, hlm. 346–354, 2020.
- [18] S. Rahayu, T. B. Adji, dan N. A. Setiawan, “Penghitungan k-NN pada Adaptive Synthetic-Nominal (ADASYN-N) dan Adaptive Synthetic-kNN (ADASYN-kNN) untuk Data Nominal-Multi Kategori,” Jurnal Otomasi Kontrol dan Instrumentasi, vol. 9, no. 2, hlm. 485821, 2017, doi: <https://dx.doi.org/10.5614/joki.2017.9.2.5>.
- [19] A. Anagaw dan Y.-L. Chang, “A new complement naïve Bayesian approach for biomedical data classification,” J Ambient Intell Humaniz Comput, vol. 10, hlm. 3889–3897, 2019.
- [20] J. Surbakti, “Implementasi Metode Naïve Bayes Untuk Diagnosa Penyakit Hati,” Jurnal Ilmu Komputer dan Sistem Informasi (JIKOMSI), vol. 5, no. 1, hlm. 34–40, 2022.

- [21] I. N. Husada dan H. Toba, “Pengaruh Metode Penyeimbangan Kelas Terhadap Tingkat Akurasi Analisis Sentimen pada Tweets Berbahasa Indonesia,” *Jurnal Teknik Informatika dan Sistem Informasi*, vol. 6, no. 2, 2020.
- [22] N. Nurmila, A. Sugiharto, dan E. A. Sarwoko, “Algoritma back propagation neural network untuk pengenalan pola karakter huruf jawa,” *Jurnal Masyarakat Informatika*, vol. 1, no. 1, hlm. 1–10, 2010.
- [23] N. Rahmanita dan A. Sekar, “Teknik pre-processing dan classification dalam data science,” *Binus University*. Diakses: 7 November 2023. [Daring]. Tersedia pada: <https://mie.binus.ac.id/2022/08/26/teknik-pre-processing-dan-classification-dalam-data-science/#:~:text=Data%20Preprocessing%20atau%20praproses%20data,akan%20lebih%20dipahami%20oleh%20sistem.>
- [24] R. D. Fitriani, H. Yasin, dan T. Tarno, “Penanganan Klasifikasi Kelas Data Tidak Seimbang Dengan Random Oversampling Pada Naive Bayes (Studi Kasus: Status Peserta KB IUD di Kabupaten Kendal),” *Jurnal Gaussian*, vol. 10, no. 1, hlm. 11–20, 2021.
- [25] C. Henny, “Data Preprocessing adalah? Pengertian, Tahapan Kerja, dan Manfaatnya,” *Linkedin*. Diakses: 7 November 2023. [Daring]. Tersedia pada: <https://www.linkedin.com/pulse/data-preprocessing-adalah-pengertian-tahapan-kerja-dan-chandra-henny/?originalSubdomain=id>
- [26] E. Cowley, “Apa itu model pembelajaran mesin?,” *Microsoft*. Diakses: 7 November 2023. [Daring]. Tersedia pada: <https://learn.microsoft.com/id-id/windows/ai/windows-ml/what-is-a-machine-learning-model>
- [27] I. Imaduddin, “Pembelajaran Mesin dan Deep Learning,” *Medium*. Diakses: 7 November 2023. [Daring]. Tersedia pada: <https://medium.com/@ilhamadun/pembelajaran-mesin-dan-deep-learning-5c86c7cf77b9>
- [28] R. R. Pratama, “Analisis Model Machine Learning Terhadap Pengenalan Aktifitas Manusia,” *MATRIK: Jurnal Manajemen, Teknik Informatika dan Rekayasa Komputer*, vol. 19, no. 2, hlm. 302–311, 2020.
- [29] M. Yunus, “#4 Alat dan Bahan untuk Machine Learning,” *Medium*. Diakses: 8 November 2023. [Daring]. Tersedia pada: <https://yunusmuhammad007.medium.com/3-alat-dan-bahan-untuk-machine-learning-92c717286624>

- [30] “Definisi PH,” Pusat Ensiklopedia Dunia STEKOM. Diakses: 20 November 2023. [Daring]. Tersedia pada: <https://p2k.stekom.ac.id/ensiklopedia/PH>
- [31] “Hubungan Antara Total Suspended Solid dengan Turbidity dan Dissolved Oxygen,” Diploma Chemistry UII. Diakses: 20 November 2023. [Daring]. Tersedia pada: <https://diploma.chemistry.uui.ac.id/hubungan-antara-total-suspended-solid-dengan-turbidity-dan-dissolved-oxygen/>
- [32] “Dissolved Oxygen (DO) – Faktor Penting dalam Budidaya Komoditas Air Tawar,” De Heus Indonesia. Diakses: 20 November 2023. [Daring]. Tersedia pada: <https://www.deheus.id/cari/berita-dan-artikel/dissolved-oxygen-do-faktor-penting-dalam-budidaya-komoditas-air-tawar>
- [33] “Pengertian COD dan BOD,” Waterpedia. Diakses: 20 November 2023. [Daring]. Tersedia pada: <https://waterpedia.co.id/pengertian-cod-dan-bod/>
- [34] R. A. H. T. Amalia, A. K. Tasya, dan D. Ramadhani, “Kandungan nitrit dan nitrat pada kualitas air permukaan,” dalam Prosiding Seminar Nasional Biologi, 2021, hlm. 679–688.
- [35] A. I. Prianti, R. Santoso, dan A. R. Hakim, “Perbandingan metode K-Nearest Neighbor dan adaptive boosting pada kasus klasifikasi multi kelas,” Jurnal Gaussian, vol. 9, no. 3, hlm. 346–354, 2020.
- [36] R. Dina, “Optimasi Backpropagation Neural Network Menggunakan Metode Algoritma Genetika Dalam Memprediksi Jumlah Pengangguran,” Universitas Islam Negeri Sultan Syarif Kasim Riau, 2019.
- [37] R. Adam, “Contoh Perhitungan Algoritma Backpropagation,” Structilmy. Diakses: 24 November 2023. [Daring]. Tersedia pada: <https://structilmy.com/blog/2019/07/31/contoh-perhitungan-algoritma-backpropagation/>
- [38] “Complement Naive Bayes (CNB) Algorithm,” java t point. Diakses: 24 November 2023. [Daring]. Tersedia pada: <https://www.javatpoint.com/complement-naive-bayes-algorithm>
- [39] K. Shihab, “A backpropagation neural network for computer network security,” Journal of Computer Science, vol. 2, no. 9, hlm. 710–715, 2006.
- [40] M. S. Fajri, N. Septian, dan E. Sanjaya, “Evaluasi Implementasi Algoritma Machine Learning K-Nearest Neighbors (kNN) pada Data Spektroskopi Gamma Resolusi Rendah,” Al-Fiziya: Journal of Materials Science, Geophysics, Instrumentation and Theoretical Physics, vol. 3, no. 1, 2020, doi: 10.15408/fiziya.v3i1.16180.

- [41] “Naive Bayes,” scikit learn . Diakses: 25 November 2023. [Daring]. Tersedia pada: https://scikit-learn.org/stable/modules/naive_bayes.html
- [42] “Backpropagation,” Brilliant. Diakses: 25 November 2023. [Daring]. Tersedia pada: <https://brilliant.org/wiki/backpropagation/#:~:text=Backpropagation%2C%20short%20for%20%22backward%20propagation,to%20the%20neural%20network's%20weights>
- [43] Naomi Chatrina Siregar, Riki Ruli A. Siregar, dan M. Yoga Distra Sudirman, “Implementasi Metode Naive Bayes Classifier (NBC) Pada Komentar Warga Sekolah Mengenai Pelaksanaan Pembelajaran Jarak Jauh (PJJ),” *Jurnal Teknologia*, vol. 3, no. 1, 2020.
- [44] S. Lestari, A. Akmaludin, dan M. Badrul, “Implementasi Klasifikasi Naive Bayes Untuk Prediksi Kelayakan Pemberian Pinjaman Pada Koperasi Anugerah Bintang Cemerlang,” *PROSISKO: Jurnal Pengembangan Riset dan Observasi Sistem Komputer*, vol. 7, no. 1, 2020, doi: 10.30656/prosisko.v7i1.2129.
- [45] R. Hendayana, “Penerapan Metode Regresi Logistik Dalam Menganalisis Adopsi Teknologi Pertanian,” *Informatika Pertanian*, vol. 22, no. 1, 2015, doi: 10.21082/ip.v22n1.2013.p1-9.
- [46] A. Safitri, S. Sudarmin, dan M. Nusrang, “Model Regresi Logistik Biner pada Tingkat Pengangguran Terbuka di Provinsi Sulawesi Barat Tahun 2017,” *VARIANSI: Journal of Statistics and Its application on Teaching and Research*, vol. 1, no. 2, 2019, doi: 10.35580/variansiunm9354.
- [47] T. H. F. Harumy, D. S. B. Ginting, dan F. Y. Manik, “Deep Neural Network Implementasi dalam Berbagai Kasus dan Disertai dengan Struktur Coding,” 2022.
- [48] M. Ali, B. S. Wiriaatmadja, dan A. D. Hartanto, “Klasifikasi Pasien Pengidap Diabetes Menggunakan Neural Network Backpropagation Untuk Prediksi Kesembuhan,” *Seminar Nasional Teknologi Komputer & Sains*, 2020.
- [49] M. Armenta dan P. M. Jodoin, “The representation theory of neural networks,” *Mathematics*, vol. 9, no. 24, 2021, doi: 10.3390/math9243216.
- [50] A. A. T. Fernandes, D. B. F. Filho, E. C. da Rocha, dan W. da Silva Nascimento, “Read this paper if you want to learn logistic regression,” *Revista de Sociologia e Politica*, vol. 28, no. 74, 2020, doi: 10.1590/1678-987320287406EN.
- [51] W. Ananda, M. Safii, dan M. Fauzan, “Prediksi Jumlah Hasil Panen Sawit Menggunakan Algoritma Naive Bayes,” *TIN: Terapan Informatika Nusantara Vol*, vol. 1, no. 10, 2021.

- [52] W. Alfianti, “Peramalan Penjualan Pipa di PT. Cikal Tirta Sarana Surakarta dengan Menggunakan Algoritma Artificial Neural Network,” 2017.
- [53] M. Haekal dan W. C. Wibowo, “Prediksi Kualitas Air Sungai Menggunakan Metode Pembelajaran Mesin: Studi Kasus Sungai Ciliwung,” *Jurnal Teknologi Lingkungan*, vol. 24, no. 2, 2023, doi: 10.55981/jtl.2023.795.
- [54] M. Idris, “Implementasi Data Mining Dengan Algoritma Naïve Bayes Untuk Memprediksi Tkp Kriminalitas Di Kabupaten Ponorogo,” *Paper Knowledge . Toward a Media History of Documents*, vol. 7, no. 1, 2020.
- [55] M. Maryam dan H. W. Ariono, “Sistem Pakar Pengklasifikasi Stadium Kanker Serviks Berbasis Mobile Menggunakan Metode Decision Tree,” *Jurnal Kajian Ilmiah*, vol. 22, no. 3, 2022, doi: 10.31599/jki.v22i3.1368.
- [56] G. L. Pritalia, “Analisis Komparatif Algoritme Machine Learning pada Klasifikasi Kualitas Air Layak Minum,” *KONSTELASI: Konvergensi Teknologi dan Sistem Informasi*, vol. 2, no. 1, 2022.
- [57] B. P. Tomasouw, S. N. Aulele, dan M. E. Rijoly, “Penerapan Metode Learning Vector Quantization (LVQ) untuk Mendeteksi Penyalahgunaan Narkoba,” *Contemporary Mathematics and Applications (ConMathA)*, vol. 3, no. 1, 2021, doi: 10.20473/conmatha.v3i1.26940.
- [58] R. Hamidi, M. T. Furqon, dan B. Rahayudi, “Implementasi Learning Vector Quantization (LVQ) untuk Klasifikasi Kualitas Air Sungai,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 1, no. 12, 2017.
- [59] K. Sulaiman, L. Hakim Ismail, M. Adib Mohammad Razi, M. Shalahuddin Adnan, dan R. Ghazali, “Water Quality Classification Using an Artificial Neural Network (ANN),” *IOP Conf Ser Mater Sci Eng*, vol. 601, no. 1, hlm. 012005, Agu 2019, doi: 10.1088/1757-899X/601/1/012005.
- [60] F. Rustam dkk., “An Artificial Neural Network Model for Water Quality and Water Consumption Prediction,” *Water (Basel)*, vol. 14, no. 21, hlm. 3359, Okt 2022, doi: 10.3390/w14213359.
- [61] J. I. Ubah, L. C. Orakwe, K. N. Ogbu, J. I. Awu, I. E. Ahaneku, dan E. C. Chukwuma, “Forecasting water quality parameters using artificial neural network for irrigation purposes,” *Sci Rep*, vol. 11, no. 1, 2021, doi: 10.1038/s41598-021-04062-5.
- [62] K. J. Setshedi, N. Mutingwende, dan N. P. Ngqwala, “The Use of Artificial Neural Networks to Predict the Physicochemical Characteristics of Water Quality in Three

- District Municipalities, Eastern Cape Province, South Africa,” *Int J Environ Res Public Health*, vol. 18, no. 10, hlm. 5248, Mei 2021, doi: 10.3390/ijerph18105248.
- [63] J. Jeyashanthi, J. Barsana banu, M. Pandi Maharajan, dan M. Ramuvel, “Assessment of physical and chemical water quality parameters using naive bayes control algorithm,” *Mater Today Proc*, vol. 80, hlm. 851–859, 2023, doi: 10.1016/j.matpr.2022.11.319.
- [64] M. Ilić, Z. Srdjević, dan B. Srdjević, “Water quality prediction based on Naïve Bayes algorithm,” *Water Science and Technology*, vol. 85, no. 4, hlm. 1027–1039, Feb 2022, doi: 10.2166/wst.2022.006.
- [65] N. Radhakrishnan dan A. S. Pillai, “Comparison of Water Quality Classification Models using Machine Learning,” dalam *2020 5th International Conference on Communication and Electronics Systems (ICCES)*, IEEE, Jun 2020, hlm. 1183–1188. doi: 10.1109/ICCES48766.2020.9137903.
- [66] “Features Scaling dan Implementasinya dengan Python dan R,” *Sains Data*. Diakses: 19 Desember 2023. [Daring]. Tersedia pada: <https://sainsdata.id/?s=Features+Scaling+dan+Implementasinya+dengan+Python+dan+R>
- [67] E. A. W. Sanad, “Pemanfaatan Realtime Database di Platform Firebase Pada Aplikasi E-Tourism Kabupaten Nabire,” *Jurnal Penelitian Enjiniring*, vol. 22, no. 1, 2019, doi: 10.25042/jpe.052018.04.
- [68] “Pengenalan Teknologi GIS (Geographic Information System),” *Giszilla*. Diakses: 23 Desember 2023. [Daring]. Tersedia pada: <https://gis-zilla.com/blog/apa-itu-gis/>
- [69] R. K. Dinata, H. Akbar, dan N. Hasdyna, “Algoritma K-Nearest Neighbor dengan Euclidean Distance dan Manhattan Distance untuk Klasifikasi Transportasi Bus,” *ILKOM Jurnal Ilmiah*, vol. 12, no. 2, 2020, doi: 10.33096/ilkom.v12i2.539.104-111.
- [70] A. Mustofa, O. Okfalisa, E. P. Cynthia, Y. Yelfi, dan S. K. Gusti, “Klasifikasi Penerima Bantuan Covid-19 Menggunakan Metode Weighted K-Nearest Neighbour,” *Jurnal Nasional Komputasi dan Teknologi Informasi (JNKTI)*, vol. 5, no. 3, 2022, doi: 10.32672/jnkti.v5i3.4399.
- [71] Q. Hasanah, H. Oktavianto, dan Y. D. Rahayu, “Analisis Algoritma Gaussian Naive Bayes Terhadap Klasifikasi Data Pasien Penderita Gagal Jantung,” *Jurnal Smart Teknologi*, vol. 3, no. 4, 2022.
- [72] L. A. Putri dan Suwanda, “Implementasi Metode Artificial Neural Network (ANN) Algoritma Backpropagation untuk Klasifikasi Kualitas Udara di Provinsi DKI Jakarta Tahun 2021,” *Bandung Conference Series: Statistics*, vol. 3, no. 2, 2023, doi: 10.29313/bcss.v3i2.7826.

- [73] D. Irawan Saputra dan D. L. Hakim, "Implementasi Algoritma Gaussian Naive Bayes Classifier Untuk Prediksi Potensi Tsunami Berbasis Mikrokontroler," *EPSILON: Journal of Electrical Engineering and Information Technology*, vol. 20, no. 2, 2022, doi: 10.55893/epsilon.v20i2.94.
- [74] H. Hananti dan K. Sari, "Perbandingan Metode Support Vector Machine (SVM) dan Artificial Neural Network (ANN) pada Klasifikasi Gizi Balita," *Seminar Nasional Official Statistics*, vol. 2021, no. 1, 2021, doi: 10.34123/semnasoffstat.v2021i1.1014.
- [75] A. Kaur, M. Khurana, P. Kaur, dan M. Kaur, "Classification and Analysis of Water Quality Using Machine Learning Algorithms," dalam *Lecture Notes in Electrical Engineering*, 2021. doi: 10.1007/978-981-33-4866-0_48.
- [76] S. Y. Abuzir dan Y. S. Abuzir, "Machine learning for water quality classification," *Water Quality Research Journal*, vol. 57, no. 3, 2022, doi: 10.2166/wqrj.2022.004.
- [77] T. Richards, "Web Application Development with Streamlit: Develop and Deploy Secure and Scalable Web Applications to the Cloud Using a Pure Python Framework," dalam *IEEE Xplore*, 2021.
- [78] E. K. Sari dan O. E. Wijaya, "Penentuan Status Mutu Air Dengan Metode Indeks Pencemaran Dan Strategi Pengendalian Pencemaran Sungai Ogan Kabupaten Ogan Komering Ulu," *Jurnal Ilmu Lingkungan*, vol. 17, no. 3, 2019, doi: 10.14710/jil.17.3.486-491.
- [79] Kementerian Lingkungan Hidup Republik Indonesia, "Keputusan Menteri Lingkungan Hidup No. 115 Tahun 2003 tentang Pedoman Penentuan Status Mutu Air," Jakarta, Indonesia: KLHK, 2003.
- [80] Peraturan Pemerintah Republik Indonesia, "Peraturan Pemerintah No. 82 Tahun 2001 tentang Pengelolaan Kualitas Air dan Pengendalian Pencemaran Air," Jakarta, Indonesia: 2001.
- [81] K. L. Hidup and K. R. Indonesia, "Indeks Kualitas Lingkungan Hidup Tahun 2013," 2014. [Daring]. Tersedia: <https://ppkl.menlhk.go.id/website/filebox/1149/230626135350IKLH%202013.pdf>
- [82] F. Pedregosa dkk., "Scikit-learn: Machine learning in Python," *Journal of Machine Learning Research*, vol. 12, 2011.
- [83] N. V. Chawla, K. W. Bowyer, L. O. Hall, dan W. P. Kegelmeyer, "SMOTE: Synthetic minority over-sampling technique," *Journal of Artificial Intelligence Research*, vol. 16, 2002, doi: 10.1613/jair.953.

- [84] H. He, Y. Bai, E. A. Garcia, dan S. Li, "ADASYN: Adaptive synthetic sampling approach for imbalanced learning," dalam *Proceedings of the International Joint Conference on Neural Networks*, 2008. doi: 10.1109/IJCNN.2008.4633969.
- [85] P. Cunningham dan S. J. Delany, "K-Nearest Neighbour Classifiers-A Tutorial," *ACM Computing Surveys*, vol. 54, no. 6. 2021. doi: 10.1145/3459665.
- [86] H. Kamel, D. Abdulah, dan J. M. Al-Tuwaijari, "Cancer Classification Using Gaussian Naive Bayes Algorithm," dalam *Proceedings of the 5th International Engineering Conference, IEC 2019*, 2019. doi: 10.1109/IEC47844.2019.8950650.
- [87] Y. Ren, "Python Machine Learning : Machine Learning and Deep Learning With Python ," *International Journal of Knowledge-Based Organizations*, vol. 11, no. 1, 2021.
- [88] A. N. Rahmany, A. Putri Sujana, dan R. K. Utoro, "Rancang Bangun Aplikasi Game Puzzle pada Pembelajaran Unsur Kimia Berbasis Android," *e-Proceeding of Applied Science*, vol. 7, no. 5, 2021.
- [89] Ž. Vujović, "Classification Model Evaluation Metrics," *International Journal of Advanced Computer Science and Applications*, vol. 12, no. 6, 2021, doi: 10.14569/IJACSA.2021.0120670.
- [90] S. Agrawal, "Evaluation Metrics For Classification Model | Classification Model Metrics," *Analytics Vidhya*, 2021.
- [91] J. Brandt dan E. Lanzén, "A Comparative Review of SMOTE and ADASYN in Imbalanced Data Classification," 20212020 ,.
- [92] Sarang Narkhede, "Understanding AUC - ROC Curve," *Towards Data Science*, 2019.