

DAFTAR PUSTAKA

- Albawi, S., Mohammed, T. A. M., & Alzawi, S. (2017). Layers of a Convolutional Neural Network. *Ieee*, 16.
- Alwanda, M. R., Ramadhan, R. P. K., & Alamsyah, D. (2020). Implementasi Metode Convolutional Neural Network Menggunakan Arsitektur LeNet-5 untuk Pengenalan Doodle. *Jurnal Algoritme*, 1(1), 45–56. <https://doi.org/10.35957/algoritme.v1i1.434>
- Bick, A., Blandin, A., & Mertens, K. (2020). Work from Home After the COVID-19 Outbreak. *Federal Reserve Bank of Dallas, Working Papers, 2020(2017)*. <https://doi.org/10.24149/wp2017r1>
- Communications, Z. V. (2020). *ZOOMTOPIA Analyst Day*.
- Dharma, A. S., & Tambunan, V. (2021). Penerapan Model Pembelajaran dengan Metode Reinforcement Learning Menggunakan Simulator Carla. *JURNAL MEDIA INFORMATIKA BUDIDARMA*, 5(4), 352. <https://doi.org/10.30865/mib.v5i4.3169>
- Dimiyati dan Mudjiono. (2009). *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta.
- Du, C., Yin, H., Lin, C., & Hu, Y. (2008). VCNF: A secure video conferencing system based on P2P technology. *Proceedings - 10th IEEE International Conference on High Performance Computing and Communications, HPCC 2008*, 463–469. <https://doi.org/10.1109/HPCC.2008.128>
- Ellis, Y., Daniels, B., & Jauregui, A. (2010). The effect of multitasking on the grade performance of business students. *Research in Higher Education Journal*, 8, 1–10.
- Fajrin, M. U., & Tiorida, E. (2020). Faktor yang Memengaruhi Minat Perilaku Penggunaan Teknologi (Studi : Pengguna Aplikasi Video Conference selama Physical Distancing). *Prosiding The 11th Industrial Research Workshop and National Seminar*, 977–984.
- Goodfellow, I., Bengio, Y., & Courville, A. (2016). *Deep Learning: Machine Learning Book*. The MIT Press. <http://www.deeplearningbook.org/>
- He, Y. L., Zhang, X. L., Ao, W., & Huang, J. Z. (2018). Determining the optimal temperature parameter for Softmax function in reinforcement learning. *Applied Soft Computing Journal*, 70, 80–85. <https://doi.org/10.1016/j.asoc.2018.05.012>

- Laksana Utama, P. K. (2018). Identifikasi Hoax pada Media Sosial dengan Pendekatan Machine Learning. *Widya Duta: Jurnal Ilmiah Ilmu Agama Dan Ilmu Sosial Budaya*, 13(1), 69. <https://doi.org/10.25078/wd.v13i1.436>
- Lutz, M. (2009). *Learning Python*. O'Reilly Media Inc.
- Madenda, S. (2015). *Pengolahan Citra & Video Digital*. Erlangga.
- Manajang, D. J. P., Jacobus, A., Elektro, J. T., Sam, U., & Manado, R. (2020). Implementasi Framework Tensorflow Object Detection API Dalam Mengklasifikasi Jenis Kendaraan Bermotor. *Jurnal Teknik Informatika*, 15(3), 171–178.
- Maulidyah, A., & Darmojo, H. S. (2021). Implementasi Face Recognition Dengan Opencv Pada Absensi Karyawan (Studi Kasus : PT . Agarindo Bogatama). *Jurnal Ilmiah Fakultas Teknik*, 2(1), 57–62. <http://ejournal.unis.ac.id/index.php/jimtek/article/view/1316>
- May, K. E., & Elder, A. D. (2018). Efficient, helpful, or distracting? A literature review of media multitasking in relation to academic performance. *International Journal of Educational Technology in Higher Education*, 15(1). <https://doi.org/10.1186/s41239-018-0096-z>
- McCulloch, W. S., & Pitts, W. (1990). A logical calculus of the ideas immanent in nervous activity (reprinted from bulletin of mathematical biophysics, vol 5, pg 115-133, 1943). *Bulletin of Mathematical Biology*, 52(1--2), 99–115. http://journals2.scholarsportal.info/pdf/00928240/v52i1-2/99_alcotiina.xml
- Molla, R. (2020). *The pandemic was great for Zoom. What happens when there's a vaccine?* Vox Media. <https://www.vox.com/recode/21726260/zoom-microsoft-teams-video-conferencing-post-pandemic-coronavirus>
- Moraes, J. P., Polato, I., Wiese, I., Saraiva, F., & Pinto, G. (2021). From one to hundreds: multi-licensing in the JavaScript ecosystem. *Empirical Software Engineering*, 26(3). <https://doi.org/10.1007/s10664-020-09936-2>
- Mshvidobadze, T. (2021). Python for Automating Machine Learning Tasks. *JINAV: Journal of Information and Visualization*, 2(2), 77–82. <https://doi.org/10.35877/454ri.jinav373>
- Muhyiddin. (2020). Covid-19, New Normal, dan Perencanaan Pembangunan di Indonesia. *Jurnal Perencanaan Pembangunan: The Indonesian Journal of Development Planning*, 4(2), 240–252. <https://doi.org/10.36574/jpp.v4i2.118>
- Nielsen, M. A. (2015). *Neural Networks and Deep Learning (Vol. 25)*. Determination Press San Fransisco.

- Nugroho, P. A., Fenriana, I., & Arijanto, R. (2020). Implementasi Deep Learning Menggunakan Convolutional Neural Network (Cnn) Pada Ekspresi Manusia. *Algor*, 2(1), 12–21.
- O’Shea, K., & Nash, R. (2015). *An Introduction to Convolutional Neural Networks*. 1–11. <http://arxiv.org/abs/1511.08458>
- Okatani, T. (2015). Python Deep Learning 2nd. In *Journal of the Robotics Society of Japan* (Vol. 33, Issue 2).
- Oktanisa, I., & Supianto, A. A. (2018). Perbandingan Teknik Klasifikasi Dalam Data Mining Untuk Bank a Comparison of Classification Techniques in Data Mining for. *Teknologi Informasi Dan Ilmu Komputer*, 5(5), 567–576. <https://doi.org/10.25126/jtiik20185958>
- Pakpahan, R., & Fitriani, Y. (2020). Analisa Pemafaatan Teknologi Informasi Dalam Pemebelajaran Jarak Jauh Di Tengah Pandemi Virus Corona Covid-19. *JISAMAR (Journal of Information System, Applied, Management, Accounting and Researh)*, 4(2), 30–36.
- Pang, B., Nijkamp, E., & Wu, Y. N. (2020). Deep Learning With TensorFlow: A Review. *Journal of Educational and Behavioral Statistics*, 45(2), 227–248. <https://doi.org/10.3102/1076998619872761>
- Pangaribuan, J. J., Tanjaya, H., & Kenichi. (2021). Mendeteksi Penyakit Jantung Menggunakan Machine Learning Dengan Algoritma Logistic Regression. *Information System Development*, 6(2), 1–10.
- Purhantara, W. (2010). *Metode Penelitian Kualitatif Untuk Bisnis*. Graha Ilmu.
- Putra, H. R. W., & Yuhandri, Y. (2021). Identifikasi Penderita COVID-19 Berdasarkan Chest X-Ray Menggunakan Algoritma Jaringan Syaraf Tiruan Backpropagation. *Jurnal Sistim Informasi Dan Teknologi*, 3, 197–202. <https://doi.org/10.37034/jsisfotek.v3i4.65>
- Qu, D., Huang, Z., Gao, Z., Zhao, Y., Zhao, X., & Song, G. (2018). An Automatic System for Smile Recognition Based on CNN and Face Detection. *2018 IEEE International Conference on Robotics and Biomimetics, ROBIO 2018*, 243–247. <https://doi.org/10.1109/ROBIO.2018.8665310>
- Rohim, A., Sari, Y. A., & Tibyani. (2019). Convolution neural network (cnn) untuk pengklasifikasian citra makanan tradisional. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(7), 7038–7042. <http://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/5851/2789>
- Roihan, A., Sunarya, P. A., & Rafika, A. S. (2020). Pemanfaatan Machine Learning dalam Berbagai Bidang: Review paper. *IJCIT (Indonesian Journal on*

- Computer and Information Technology*), 5(1), 75–82.
<https://doi.org/10.31294/ijcit.v5i1.7951>
- Saifudin, A. (2018). *Metode Data Mining Untuk Seleksi Calon Mahasiswa*. 10(1), 25–36.
- Santoso, A., & Ariyanto, G. (2018). Implementasi Deep Learning Berbasis Keras Untuk Pengenalan Wajah. *Emitor: Jurnal Teknik Elektro*, 18(01), 15–21.
<https://doi.org/10.23917/emitor.v18i01.6235>
- Sarigül, M., Ozyildirim, B. M., & Avci, M. (2019). Differential convolutional neural network. *Neural Networks*, 116, 279–287.
<https://doi.org/10.1016/j.neunet.2019.04.025>
- Sembiring, L. J. (2022). *Curhat PNS: Work From Anywhere Bisa Jadi Work Anytime*. CNBC Indonesia.
<https://www.cnbcindonesia.com/news/20220517085027-4-339440/curhat-pns-work-from-anywhere-bisa-jadi-work-anytime>
- Setyani, M. R., & Ismah. (2018). Analisis Tingkat Konsentrasi Belajar Siswa Dalam Proses Pembelajaran Matematika Ditinjau Dari Hasil Belajar. *Pendidikan Matematika*, 01, 73–84.
- Shorten, C., & Khoshgoftaar, T. M. (2019). A survey on Image Data Augmentation for Deep Learning. *Journal of Big Data*, 6(1). <https://doi.org/10.1186/s40537-019-0197-0>
- Sigut, J., Castro, M., Arnay, R., & Sigut, M. (2020). OpenCV Basics: A Mobile Application to Support the Teaching of Computer Vision Concepts. *IEEE Transactions on Education*, 63(4), 328–335.
<https://doi.org/10.1109/TE.2020.2993013>
- Somvanshi, M., Chavan, P., Tambade, S., & Shinde, S. V. (2017). A review of machine learning techniques using decision tree and support vector machine. *Proceedings - 2nd International Conference on Computing, Communication, Control and Automation, ICCUBEA 2016*.
<https://doi.org/10.1109/ICCUBEA.2016.7860040>
- Srivastava, N., Hinton, G., Krizhevsky, A., Sutskever, I., & Salakhutdinov, R. (2014). Dropout: A Simple Way to Prevent Neural Networks from Overfitting. *Journal Of Machine Learning Research*, 15(1), 1929–1958.
[https://doi.org/10.1016/0370-2693\(93\)90272-J](https://doi.org/10.1016/0370-2693(93)90272-J)
- Srna, S., Schrift, R. Y., & Zauberman, G. (2018). The Illusion of Multitasking and Its Positive Effect on Performance. *Psychological Science*, 29(12), 1942–1955.
<https://doi.org/10.1177/0956797618801013>

- Suartika E. P, I Wayan, Wijaya Arya Yudhi, S. R. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (Cnn) Pada Caltech 101. *Jurnal Teknik ITS*, 5(1), 76. <http://repository.its.ac.id/48842/>
- Sudarsono, A. (2016). Jaringan Syaraf Tiruan Untuk Memprediksi Laju Pertumbuhan Penduduk Menggunakan Metode Bacpropagation (Studi Kasus Di Kota Bengkulu). *Jurnal Media Infotama*, 12(1), 61–69. <https://doi.org/10.37676/jmi.v12i1.273>
- Sudaryono, D., Rahardja, U., & Roihan, A. (2017). Design of Business Intelligence in Learning Systems Using iLearning Media. *Universal Journal of Management*, 5(5), 227–235. <https://doi.org/10.13189/ujm.2017.050502>
- Sugiyono. (2008). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Alfabeta.
- Sumarno, U. (2004). Kemandirian Belajar: Apa Mengapa dan Bagaimana Dikembangkan Pada Peserta Didik. Bandung: Laporan penelitian Hibah Pasca Sarjana UPI.
- Syauqi, A. (2020). Jalan Panjang COVID19 (sebuah refleksi dikala wabah merajalela berdampak pada perekonomian). *JKUBS: Journal of Chemical Information and Modeling*, 1(1), 1–19.
- Tyas, A. A. W. P., & Ikhsani, K. T. W. (2015). Sumber Daya Alam & Sumber Daya Manusia untuk Pembangunan Ekonomi Indonesia. *Forum Ilmiah*, 12(1), 1–15.
- Vasilev, I., Slater, D., Spacagna, G., Roelants, P., & Zocca, V. (2019). *Python Deep Learning* (Second Edi). Packt Publishing Ltd.
- Wanto, A., Windarto, A. P., Hartama, D., & Parlina, I. (2017). Use of Binary Sigmoid Function And Linear Identity In Artificial Neural Networks For Forecasting Population Density. *IJISTECH (International Journal Of Information System & Technology)*, 1(1), 43. <https://doi.org/10.30645/ijistech.v1i1.6>
- Wilianto, & Kurniawan, A. (2018). Sejarah , Cara Kerja Dan Manfaat Internet of Things. *Matrix*, 8(2), 36–41.
- You, W., Shen, C., Guo, X., Jiang, X., Shi, J., & Zhu, Z. (2017). A hybrid technique based on convolutional neural network and support vector regression for intelligent diagnosis of rotating machinery. *Advances in Mechanical Engineering*, 9(6), 1–17. <https://doi.org/10.1177/1687814017704146>