

DAFTAR PUSTAKA

- [1] A. S. Luring and P. N. Malani, “Variants of SARS-CoV-2,” *JAMA*, vol. 326, no. 9, p. 880, Sep. 2021, doi: 10.1001/jama.2021.14181.
- [2] CDC, “CDC Works 24/7,” *Centers for Disease Control and Prevention*, Jan. 06, 2022. <https://www.cdc.gov/index.htm> (accessed Jan. 09, 2022).
- [3] “WHO Coronavirus (COVID-19) Dashboard.” <https://covid19.who.int> (accessed Jun. 14, 2022).
- [4] “Subvarian Baru Omicron BA.4 dan BA.5 Terdeteksi di Indonesia, Tingkat Kesakitan Rendah,” *Sehat Negeriku*, Jun. 10, 2022. <https://sehatnegeriku.kemkes.go.id/baca/umum/20220610/2440100/subvarian-baru-omicron-ba-4-dan-ba-5-terdeteksi-di-indonesia-tingkat-kesakitan-rendah/> (accessed Jun. 14, 2022).
- [5] “Transisi Pandemi ke Endemi: Diperbolehkan Tidak Memakai Masker di Ruang Terbuka,” *Sehat Negeriku*, May 17, 2022. <https://sehatnegeriku.kemkes.go.id/baca/rilis-media/20220517/0739878/transisi-pandemi-ke-endemi-diperbolehkan-tidak-memakai-masker-di-ruang-terbuka/> (accessed Jun. 16, 2022).
- [6] K. Escandón *et al.*, “COVID-19 false dichotomies and a comprehensive review of the evidence regarding public health, COVID-19 symptomatology, SARS-CoV-2 transmission, mask wearing, and reinfection,” *BMC Infect. Dis.*, vol. 21, no. 1, p. 710, Jul. 2021, doi: 10.1186/s12879-021-06357-4.
- [7] “Advice on the use of masks in the community, during home care and in healthcare settings in the context of the novel coronavirus (COVID-19) outbreak.” [https://www.who.int/publications-detail-redirect/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-\(2019-ncov\)-outbreak](https://www.who.int/publications-detail-redirect/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-(2019-ncov)-outbreak) (accessed Dec. 01, 2021).
- [8] P. Nagrath, R. Jain, A. Madan, R. Arora, P. Kataria, and J. Hemanth, “SSDMNV2: A real time DNN-based face mask detection system using single shot multibox detector and MobileNetV2,” *Sustain. Cities Soc.*, vol. 66, p. 102692, Mar. 2021, doi: 10.1016/j.scs.2020.102692.
- [9] G. J. Chowdary, N. S. Punn, S. K. Sonbhadra, and S. Agarwal, “Face Mask Detection using Transfer Learning of InceptionV3,” *ArXiv200908369 Cs Eess*, Oct. 2020, Accessed: Nov. 04, 2021. [Online]. Available: <http://arxiv.org/abs/2009.08369>





- [10] M. Bhuiyan, S. Khushbu, and Md. S. Islam, "A Deep Learning Based Assistive System to Classify COVID-19 Face Mask for Human Safety with YOLOv3," Jul. 2020. doi: 10.1109/ICCCNT49239.2020.9225384.
- [11] A. S. Joshi, S. S. Joshi, G. Kanahasabai, R. Kapil, and S. Gupta, "Deep Learning Framework to Detect Face Masks from Video Footage," in *2020 12th International Conference on Computational Intelligence and Communication Networks (CICN)*, Sep. 2020, pp. 435–440. doi: 10.1109/CICN49253.2020.9242625.
- [12] F. I. Eyiokur, H. K. Ekenel, and A. Waibel, "A Computer Vision System to Help Prevent the Transmission of COVID-19," *ArXiv210308773 Cs Eess*, May 2021, Accessed: Nov. 04, 2021. [Online]. Available: <http://arxiv.org/abs/2103.08773>
- [13] B. Batagelj, P. Peer, V. Štruc, and S. Dobrišek, "How to Correctly Detect Face-Masks for COVID-19 from Visual Information?," *Appl. Sci.*, vol. 11, no. 5, Art. no. 5, Jan. 2021, doi: 10.3390/app11052070.
- [14] A. Cabani, K. Hammoudi, H. Benhabiles, and M. Melkemi, "MaskedFace-Net - A dataset of correctly/incorrectly masked face images in the context of COVID-19," *Smart Health Amst. Neth.*, vol. 19, p. 100144, Mar. 2021, doi: 10.1016/j.smhl.2020.100144.
- [15] D. Sarkar, R. Bali, and T. Ghosh, *Hands-On Transfer Learning with Python: Implement advanced deep learning and neural network models using TensorFlow and Keras*. Packt Publishing Ltd, 2018.
- [16] M. Elgendy, *Deep Learning for Vision Systems*. Simon and Schuster, 2020.
- [17] C. Szegedy, V. Vanhoucke, S. Ioffe, J. Shlens, and Z. Wojna, "Rethinking the Inception Architecture for Computer Vision," *ArXiv151200567 Cs*, Dec. 2015, Accessed: Nov. 15, 2021. [Online]. Available: <http://arxiv.org/abs/1512.00567>
- [18] K. He, X. Zhang, S. Ren, and J. Sun, "Delving Deep into Rectifiers: Surpassing Human-Level Performance on ImageNet Classification," *ArXiv150201852 Cs*, Feb. 2015, Accessed: Nov. 15, 2021. [Online]. Available: <http://arxiv.org/abs/1502.01852>
- [19] D. Yang, E. Yurtsever, V. Renganathan, K. A. Redmill, and Ü. Özgüner, "A Vision-based Social Distancing and Critical Density Detection System for COVID-19," *ArXiv200703578 Cs Eess*, Jul. 2020, Accessed: Nov. 04, 2021. [Online]. Available: <http://arxiv.org/abs/2007.03578>
- [20] "Face Mask Detection." <https://kaggle.com/andrewmvd/face-mask-detection> (accessed Nov. 04, 2021).





- [21] S. Hussain *et al.*, “IoT and Deep Learning Based Approach for Rapid Screening and Face Mask Detection for Infection Spread Control of COVID-19,” *Appl. Sci.*, vol. 11, no. 8, Art. no. 8, Jan. 2021, doi: 10.3390/app11083495.
- [22] borutb-fri, *Face Mask Label Dataset (FMLD)*. 2021. Accessed: Nov. 08, 2021. [Online]. Available: <https://github.com/borutb-fri/FMLD>
- [23] “Extracting Covid-19 insights from Bing search data.” https://blogs.bing.com/search/2020_07/Extracting-Covid-19-insights-from-Bing-search-data/ (accessed Nov. 08, 2021).
- [24] cabani, *MaskedFace-Net*. 2021. Accessed: Nov. 08, 2021. [Online]. Available: <https://github.com/cabani/MaskedFace-Net>
- [25] “Advice on the use of masks in the community, during home care and in healthcare settings in the context of the novel coronavirus (COVID-19) outbreak.” [https://www.who.int/publications-detail-redirect/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-\(2019-ncov\)-outbreak](https://www.who.int/publications-detail-redirect/advice-on-the-use-of-masks-in-the-community-during-home-care-and-in-healthcare-settings-in-the-context-of-the-novel-coronavirus-(2019-ncov)-outbreak) (accessed Jan. 27, 2022).
- [26] N. R. M.Kom and M. M.Kom, *KONSEP KECERDASAN BUATAN DENGAN PEMAHAMAN LOGIKA FUZZY DAN PENERAPAN APLIKASI*. Uwais Inspirasi Indonesia.
- [27] A. Géron, *Hands-On Machine Learning with Scikit-Learn and TensorFlow: Concepts, Tools, and Techniques to Build Intelligent Systems*. O’Reilly Media, Inc., 2017.
- [28] “ResearchGate.” https://www.researchgate.net/publication/341652370_Deep_Learning_Techniques_An_Overview/link/5f26b077a6fdcccc43a2d8f3/download (accessed Jan. 27, 2022).
- [29] F. Chollet, *Deep Learning with Python, Second Edition*. Simon and Schuster, 2021.
- [30] J. Deng, J. Guo, Y. Zhou, J. Yu, I. Kotsia, and S. Zafeiriou, “RetinaFace: Single-stage Dense Face Localisation in the Wild,” *ArXiv190500641 Cs*, May 2019, Accessed: May 11, 2022. [Online]. Available: <http://arxiv.org/abs/1905.00641>
- [31] F. Chollet, *Deep Learning with Python, Second Edition*. Simon and Schuster, 2021.
- [32] A. Mikołajczyk and M. Grochowski, “Data augmentation for improving deep learning in image classification problem,” May 2018, pp. 117–122. doi: 10.1109/IIPHDW.2018.8388338.





- [33] T. DeVries and G. W. Taylor, "Improved Regularization of Convolutional Neural Networks with Cutout," Aug. 2017, Accessed: Feb. 03, 2022. [Online]. Available: <https://arxiv.org/abs/1708.04552v2>
- [34] M. Cooper, "When Conventional Wisdom Fails: Revisiting Data Augmentation for Self-Driving Cars," *Medium*, Dec. 01, 2018. <https://towardsdatascience.com/when-conventional-wisdom-fails-revisiting-data-augmentation-for-self-driving-cars-4831998c5509> (accessed Feb. 03, 2022).
- [35] F. Krüger, "Activity, Context, and Plan Recognition with Computational Causal Behaviour Models," 2016.
- [36] "tf.keras.callbacks.ModelCheckpoint | TensorFlow Core v2.8.0," *TensorFlow*. https://www.tensorflow.org/api_docs/python/tf/keras/callbacks/ModelCheckpoint (accessed May 11, 2022).

