DAFTAR PUSTAKA

Alberta I. B., S. D. & L. N. V. (2021). Pendekatan multidimensional computer vision syndrome di era WFH. *Journal of Health and Technology*.

Amalia, D. &. (2021). Computer Vision Syndrome and Its Impact. *E-journal UNSRAT*. https://ejournal.unsrat.ac.id/v2/index.php/eclinic/article/view/31707/30264

Andriyana, Y., Marisa, D., & Indriati, D. (2024). Spatial Durbin Model with Expansion Using Casetti's Method for Rainfall Prediction. *Mathematics*, *12*(15), 2304.

Association, A. O. (2022). Computer Vision Syndrome (CVS). *American Optometric Association*. https://www.aoa.org/healthy-eyes/eye-and-vision-conditions/computer-vision-syndrome

Ayele, W. Y. (2020). Adapting CRISP-DM for Idea Mining: A Data Mining Process for Generating Ideas Using a Textual Dataset. *Proceedings of the International Joint Conference on Advances in Computational Sciences and Engineering*, *11*(6), 1–8. https://arxiv.org/abs/1411.1792

Bengio, B. &. (2012). Random Search for Hyperparameter Optimization. *Journal of Machine Learning Research*. http://jmlr.org/papers/volume13/bergstra12a/bergstra12a.pdf?utm_source=chatgpt.com

Burger, W., & Burge, M. J. (2016). *Principles of Digital Image Processing: Core Algorithms*. Springer.

Chakraborty, S., & others. (2022). Data Preparation in CRISP-DM: Techniques and Best Practices. *Journal of Data Science and Analytics*, *12*(3), 45–58.

Davies, E. R. (2012). *Computer & Machine Vision* (4 ed.). Academic Press.

Davis, J., & Goadrich, M. (2006). The relationship between precision-recall and ROC curves. *Proceedings of the 23rd International Conference on Machine*

Learning, 233–240. https://beverly-wang0005.medium.com/roc-vs-prc-6cd30d287a4b

Effectiveness of 20-20-20 rule in reducing digital eye strain. (2022). *Journal of Optometry*.

Falkner, S., Klein, A., & Hutter, F. (2018). BOHB: Robust and efficient hyperparameter optimization at scale. *Proceedings of the 35th International Conference on Machine Learning*, *80*, 1436–1445. https://link.springer.com/chapter/10.1007/978-3-030-05318-5_1

Gindele, J. &. (2018). Preprocessing Techniques for Machine Learning Applications. *Journal of Data Science*. https://www.researchgate.net/publication/326965703_Preprocessing_Techniques_for_Machine_Learning_Applications?utm_source=chatgpt.com

Gonzalez, R. C., & Woods, R. E. (2017). *Digital Image Processing* (4 ed.). Pearson.

He, K., Zhang, X., & Sun, J. (2015). Spatial pyramid pooling in deep convolutional networks for visual recognition. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, *37*(9), 1904–1916.

Hende, M., & Hossain, M. (2021). Transfer learning for image classification: A comprehensive review. *Journal of Computer Vision and Image Understanding*, *204*, 103–115.

Howard, A. G., Zhu, M., Chen, B., Kalenichenko, D., Wang, W., Weyand, T., Andreetto, M., & Adam, H. (2017). MobileNets: Efficient Convolutional Neural Networks for Mobile Vision Applications. *CoRR*, *abs/1704.04861*.

Kumar, A., & Chatterjee, J. M. (2023). *Predictive Analytics in Data Mining: Techniques and Applications*. Springer.

Lal. (2022). *Global Systematic Review of Computer Vision Syndrome*. https://pmc.ncbi.nlm.nih.gov/articles/PMC10785422/

Liu, F. (2021). A Review of Image Segmentation Techniques. *Journal of Visual Communication and Image Representation*, *76*, 103087.

Maragatham, R., & Prasad, S. (2019). PCA-based image denoising. *Journal of Image Processing*, *28*(3), 123–135. https://www.researchgate.net/publication/267228169_PCA_based_image_denoising

Martinez-Plumed, F., Contreras-Ochando, L., Ferri, C., Hernandez-Orallo, J., Kull, M., & Flach, P. (2021). CRISP-DM Twenty Years Later: From Data Mining Processes to Data Science Trajectories. *IEEE Transactions on Knowledge and Data Engineering*, *33*(8), 3048–3061.

Mehrkanoon, S. (2022). Classification Evaluation Methods and Their Applications in Machine Learning. *Journal of Machine Learning Techniques*, *18*(4), 303–310.

Mondragon, J. C., & others. (2025). Advanced IDS: a comparative study of datasets and machine learning algorithms. *Applied Intelligence*, 1–20.

Nguyen, T. N., Nguyen, L., Vo, B., & Fournier-Viger, P. (2020). An N-List-Based Approach for Mining Frequent Itemsets with Various Constraints. *IEEE Access*, *8*, 106871–106891.

Purwono, Ma'arif, A., Rahmaniar, W., Fathurrahman, H. I. K., Frisky, A. Z. K., & Haq, Q. M. U. (2022). Understanding of Convolutional Neural Network (CNN): A Review. *International Journal of Robotics and Control Systems*, *2*(4), 739–748. https://doi.org/10.31763/ijrcs.v2i4.888

Rad, M., & Rezaei, M. (2021). Human Pose Estimation: Techniques and Applications. *Journal of Computer Vision and Image Processing*, *9*(2), 56–70. https://arxiv.org/pdf/1411.1792.pdf

Rajput, A., & Hanumantha, R. (2022). Evaluation Phase in CRISP-DM: Assessing Model Performance. *International Journal of Data Science and Machine Learning*, *8*(4), 123–135.

Ramírez, S. (2018). *FastAPI: A modern, fast (high-performance), web framework for building APIs with Python 3.6+ based on standard Python type hints*. https://fastapi.tiangolo.com/

Saito, T., & Rehmsmeier, M. (2015). The precision-recall plot is more informative than the ROC plot when evaluating binary classifiers on imbalanced datasets. *PLOS ONE*, *10*(3). https://journals.plos.org/plosone/article?id=10.1371%2Fjournal.pone.0118432&u

Sandler, M., Howard, A., Zhu, M., Zhmoginov, A., & Chen, L.-C. (2018). MobileNetV2: Inverted Residuals and Linear Bottlenecks. *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 4510–4520. https://doi.org/10.1109/CVPR.2018.00474

Santos, M. (2024). Real-time eye blink detection using computer vision and machine learning. *Journal of Computer Vision Studies*, *15*(2), 123–135.

Sarker, I. H., Kayes, A. S. M., Badsha, S., Alqahtani, H., Watters, P., & Ng, A. (2021). Cybersecurity data science: an overview from machine learning perspective. *Journal of Big Data*, *8*(1), 1–29.

Schroff, F., Kalenichenko, D., & Philbin, J. (2015). FaceNet: A Unified Embedding for Face Recognition and Clustering. *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition*, 815–823.

Sharda, R., Delen, D., & Turban, E. (2021). *Analytics, Data Science, & Artificial Intelligence: Systems for Decision Support* (11 ed.). Pearson Education.

Singh, A. (2022). A Comprehensive Guide to Feature Extraction Techniques. *Journal of Imaging*, *8*(7), 194.

Singh, R., & others. (2023). Comparative Analysis of Computer Vision Syndrome Globally. *International Journal of Environmental Research and Public Health*, *20*(6), 5234.

Tharwat, A. (2020). F1-Score: A Comprehensive Guide for Performance Evaluation of Classification Models. *ResearchGate*.

https://www.researchgate.net/publication/327148996_Classification_Assessment_Methods_a_detailed_tutorial

Tiwari, P. & P. (2020). PERCLOS for Eye Fatigue Detection in Drivers. *Journal of Human Factors*. https://www.researchgate.net/publication/3291534_PERCLOS_for_Eye_Fatigue_Detection_in_Drivers

Wang, L. (2022). Recent Advances in Object Detection. *International Journal of Computer Vision*, *130*(2), 193–214.

Wang, L., & Johnson, C. A. (2020). *Machine Learning for Analytics: A Practical Approach*. CRC Press.

We Are Social. (2023). *Digital 2023 Global Overview Report*.

Wei, G., Li, G., Zhao, J., & He, A. (2019). Development of a LeNet-5 Gas Identification CNN Structure for Electronic Noses. *Sensors*, *19*(1), 217. https://doi.org/10.3390/s19010217

Wende, W. &. (2022). The Evolution of CRISP-DM for Data Science Methods, Processes, and Frameworks. *ResearchGate*. https://www.researchgate.net/publication/385280269_The_Evolution_of_CRISP-DM_for_Data_Science_Methods_Processes_and_Frameworks

Yang, P. &. (2010). A Survey of Transfer Learning. *IEEE Transactions*. https://ieeexplore.ieee.org/document/5289048

Yosinski, J., & others. (2014). How transferable are features in deep neural networks? *Neural Information Processing Systems (NIPS)*, 3320–3328. https://arxiv.org/pdf/1411.1792.pdf

Zhao, Z.-Q., Zheng, P., Xu, S.-T., & Wu, X.-D. (2019). Object Detection with Deep Learning: A Review. *IEEE Transactions on Neural Networks and Learning Systems*, *30*(11), 3212–3230.