

DAFTAR PUSTAKA

- Amirgaliyev, B., Yeleussinov, A., & Taizo, M. (2020). Kazakh handwritten recognition. *Journal of Theoretical and Applied Information Technology*, 98(14), 2744–2754.
- Andhika, W. (2019). Belajar machine-learning, basic of scikit-learn <https://medium.com/@wahyuandhika/belajar-machine-learning-basic-of-scikit-learn-a1685db819a8>
- Arthana, R. (2019). Mengenal Accuracy, Precision, Recall dan Specificity serta yang dapat lebih diprioritaskan dalam Machine Learning. <https://medium.com/@rey1024/mengenal-accuracy-precision-recall-danspecificity-septa-yang-diprioritaskan-b79ff4d77de8>
- Augustyn, A. (2021). *Russian Language, Russian Russki yazyk*. <https://www.britannica.com/topic/Russian-language>
- Brownlee, J. (2020). Convolution in Convolutional Neural Networks. <https://machinelearningmastery.com/convolutional-layers-for-deep-learning-neural-networks>
- Deng, L., & Yu, D. (2013). Deep learning: Methods and applications. *Foundations and Trends in Signal Processing*, 7(3–4), 197–387.
- Dewa, C. K., Fadhillah, A. L., & Afiahayati, A. (2018). Convolutional Neural Networks for Handwritten Javanese Character Recognition. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, 12(1), 83.

- Dewi, S, R. (2018) "Deep learning Object Detection Pada Video Menggunakan Tensorflow Dan Convolutional Neural Network".
- Dunford, R., Q, Su., E. Tamang., A. Wintour & Project. (2014). The Pareto Principle Puzzle. *Plymouth Student Sci.*, 7(1), 140–148.
- Ghoneim, S. (2019). Accuracy, Recall, Precision, F-Score & Specificity, which to optimize on? <https://towardsdatascience.com/accuracy-recall-precision-fscore-specificity-which-to-optimize-on-867d3f11124>
- Gill, J. K. (2020). Automatic Log Analysis using Deep Learning and AI <https://www.xenonstack.com/blog/log-analytics-deep-machine-learning/>
- Goodfellow, I., Bengio, Y., & Courville, A. (2016) Deep learning. *Genetic Programming and Evolvable Machines*, 19(1–2), 305–307.
- Hallen, C. (1999). *A Brief History of the Russian Language*. <https://linguistics.byu.edu/classes/Ling450ch/reports/russian.html>
- Hijazi, S., Kumar, R., & Rowen, C. (2015). What Is a CNN? Using Convolutional Neural Networks for Image Recognition. 1–12.
- Ilahiyah, S., & Nilogiri, A. (2018). Implementasi Deep Learning Pada Identifikasi Jenis Tumbuhan Berdasarkan Citra Daun Menggunakan Convolutional Neural Network. *JUSTINDO (Jurnal Sistem Dan Teknologi Informasi Indonesia)*, 3(2).
- Keras.io. (2020). Keras Io MaxPooling2D layer, `max_pooling2d`. https://keras.io/api/layers/pooling_layers/max_pooling2d
- Khandelwal, R. (2019). Overview of different Optimizers for neural networks.

<https://medium.com/datadriveninvestor/overview-of-different-optimizers-for-neural-networks-e0ed119440c3>

Kingma, D. P., & Ba, J. L. (2015). Adam: A method for stochastic optimization. 3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings, 1–15.

Kohavi, R. (1995). A Study of Cross-Validation and Bootstrap for Accuracy Estimation and Model Selection. International Joint Conference of Artificial Intelligence, March 2001.

Kohir, V. (2020) “Calculating Output dimensions in a CNN for Convolution and Pooling Layers with KERAS,” <https://medium.com/@kvirajdatt/calculating-output-dimensions-in-acnn-for-convolution-and-pooling-layers-with-keras-682960c73870>

Liu, K. M. Z. (2016). Facial Expression Recognition with CNN Ensemble. 2016 International Conference on Cyberworlds, 163.

Lina, Q. (2019) “Apa itu Convolutional Neural Network?” <https://medium.com/@16611110/apa-itu-convolutional-neural-network-836f70b193a4>

Liu, C., Liu, J., Yu, F., Huang, Y., & Chen, J. (2013). Handwritten character recognition with sequential convolutional neural network. Proceedings - International Conference on Machine Learning and Cybernetics, 1, 291–296.

- Mubarok, H. (2019). Identifikasi Ekspresi Wajah Berbasis Citra Menggunakan Algoritma Convolutional Neural Network (CNN), Universitas Islam Negeri Maulana Malik Ibrahim Malang.
- Negi, V., Mann, S., & Chauhan, V. (2017). Devanagari Character Recognition Using Artificial Neural Network. *International Journal of Engineering and Technology*, 9(3), 2161–2167.
- Peltarion. (2020). Documentation Topic About Binary Crossentropy. <https://peltarion.com/knowledgecenter/documentation/modeling-view/build-an-ai-model/lossfunctions/binary-crossentropy>
- Pradika., Nugroho., & Puspaningrum. (2020). Pengenalan Tulisan Tangan Huruf Hijaiyah Menggunakan Metode Convolutional Neural Network. 1, 98.
- Prasetyo, E. (2014). *Data Mining Mengolah Data Menjadi Informasi Menggunakan Matlab*. Yogyakarta: CV. Andi Offset.
- Putra, E., Wijaya, Y., Soelaiman, R. (2016). Klasifikasi Citra Menggunakan Convolutional Neural Network (CNN) pada Caltech 101. *Jurnal Teknik ITS*, 5(1).
- Qiu, S., Xu, X., & Cai, B. (2018). FReLU: Flexible Rectified Linear Units for Improving Convolutional Neural Networks. *Proceedings - International Conference on Pattern Recognition*, 1223–1228.
- Ravi, B. (2019) “*Build Your Python Flask Application*” <https://medium.com/bhavaniravi/build-your-1st-python-web-app-with-flask-b039d11f101c>

- Rohman, Y. A. (2019) “Pengenalan NumPy, Pandas, Matplotlib”
<https://medium.com/@yasirabd/pengenalan-numpy-pandas-matplotlib-b90bafd36c0>
- Sam’ani, & Qamaruzzaman (2017). Pengenalan Huruf Dan Angka Tulisan Tangan Menggunakan Metode Convolution Neural Network (CNN). *Journal Speed – Sentra Penelitian Engineering Dan Edukasi*, 9(2), 55–64.
- Sharma, S. (2017). Understanding Activation Functions in Neural Networks. *International Journal of Engineering Applied Sciences and Technology*, 4(12), 310–316.
- Solutions, M. (2017). “Advantages and Disadvantages of Python Programming Language by Mind”. <https://medium.com/@mindfiresolutions.usa/advantages-and-disadvantages-of-python-programming-language-fd0b394f2121>
- Srivastava, N., Hinton, G., Krizhevsky A., Sutskever, I., & Salakhutdinov, R. (2014). Dropout: A Simple Way to Prevent Neural Networks from Overfitting, *15(56):1929–1958*.
- Surinta, O., Karaaba, M. F., Schomaker, L. R. B., & Wiering, M. A. (2015). Recognition of handwritten characters using local gradient feature descriptors. *Engineering Applications of Artificial Intelligence*, 45, 405–414.
- Thoma, M. (2017). Analysis and Optimization of Convolutional Neural Network Architectures. ArXiv, August.
- Tsai, C. (2016). Recognizing Handwritten Japanese Characters Using Deep Convolutional Neural Networks. 1–7.

Yusuf, A., Wihandika, R. C., & Dewi, C. (2019). Klasifikasi emosi berdasarkan ciri wajah menggunakan convolutional neural network. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, 3(11), 10595–10604.

Zeiler, M. D., & Fergus, R. (2014). Visualizing and Understanding Convolutional Networks. *European Conference on Computer Vision (ECCV)*, 8689 (Chapter 53), 818–833.