

---

## DAFTAR PUSTAKA

- Akbar, Yohanita Maulina. Aplikasi Analisis Multivariat berdasarkan Warna untuk Memprediksi Brix dan pH pada Buah-Buahan. Yogyakarta: Program Studi Teknik Pertanian Fakultas Teknologi Pertanian Universitas Gadjah Mada. 2014, h.2.
- Amidi, Afshine dan Amidi, Shervine. Convolutional Neural Networks Cheatsheet. <https://stanford.edu/~shervine/teaching/cs-230/cheatsheet-convolutional-neural-networks>. 26 Agustus 2019.
- Andri, Paulus, Wong, Ng Poi.; dan Gunawan, Toni. Segmentasi Buah Menggunakan Metode K-Means Clustering Dan Identifikasi Kematangannya Menggunakan Metode Perbandingan Kadar Warna. Jurnal SIFO Mikroskil, Vol.15, No.2. (Oktober 2014). h.91.
- Brownlee, Jason. A Gentle Introduction to Transfer Learning for Deep Learning. <https://machinelearningmastery.com/transfer-learning-for-deep-learning/>. 27 Agustus 2019
- Das, Siddharth. CNN Architectures:LeNet, AlexNet, VGG, GoogleNet, ResNet and more . . . .. <https://medium.com/@sidereal/cnns-architectures-lenet-alexnet-vgg-googlenet-resnet-and-more-666091488df5>. 24 Agustus 2019.
- Demush, Rostyslav. A Brief History of Computer Vision (and Convolutional Neural Networks). <https://hackernoon.com/a-brief-history-of-computer-vision-and-convolutional-neural-networks-8fe8aacc79f3>. 4 September 2019
- Dertat, Ardent. Applied Deep Learning-Part 4: Convolutional Neural Networks. <https://towardsdatascience.com/applied-deeplearning-part-4convolutional-neural-networks-584bc134cle2>. 17 Agustus 2019.
- Deshpande, Adit. A Beginner's Guide to Understanding Convolutional Neural Networks. <https://adeshpande3.github.io/A-Beginner%27s-Guide-To-Understanding-Convolutional-Neural-Networks/>. 25 Agustus 2019.

- Dimas, Gregory dan Sutojo, T. Analisis Klasifikasi Tingkat Kematangan Buah Mangga Manalagi Menggunakan CBIR (Content Based Image Retrieval) Berdasarkan Warna. Semarang: Program Studi Teknik Informatika Fakultas Ilmu Komputer Universitas Dian Nuswantoro. 2016.
- DOSENIT. 6 Tahapan SDLC yang Perlu Diketahui. <https://dosenit.com/software/tahapan-sdlc>. 26 Agustus 2019.
- Duan, Guoyong; Yang, Jing dan Yang, Yilong. Content-Based Image Retrieval Research. International Conference on Physics Science and Technology, Vol. 22. (2011). h. 471-477.
- Hidayat, Bagas Muharom Hanugrah dan Putra, Ricky Eka. Penerapan CNN dengan Filter Gabor sebagai feature extractor untuk Content-Based Image Retrieval. Journal of Informatics and Computer Science, Vol.1, No.1, (2019), h.20.
- Jay, Prakash. Understanding and Implementing Architectures of ResNet and ResNeXt for state-of-the-art Image Classification: From Microsoft to Facebook [Part 1]. <https://medium.com/@14prakash/understanding-and-implementing-architectures-of-res-net-and-resnext-for-state-of-the-art-image-cf51669e1624>. 28 Agustus 2019.
- Kamus Besar Bahasa Indonesia. Buah. <https://kbbi.web.id/buah>. 27 Agustus 2019.
- Luhaniwal, Vikashraj. Forward Propagation in Neural Network - Simplified Math and Code Version. <https://towardsdatascience.com/forward-propagation-in-neural-networks-simplified-math-and-code-version-bbcfef6f9250>. 25 Agustus 2019.
- Mahmood, Hamza. The Softmax Function, Simplified. <https://towardsdatascience.com/softmax-function-simplified-714068bf8156>. 26 Agustus 2019.
- Markijar. Content Based Image Retrieval (CBIR). <http://www.markijar.com/2015/05/content-based-imageretrieval-cbir.html>. 23 Agustus 2019.

- Mathworks. What is Deep Learning?. <https://www.mathworks.com/discovery/deep-learning.html>. 4 September 2019.
- Mazen, Fatma M. A. dan Nashat, Ahmed A. Ripeness Classification of Bananas Using an Artificial Neural Network. *Arabian Journal for Science and Engineering*. Vol.44. (Januari 2019).
- Opan. Aturan Rantai Turunan dan Turunan Fungsi Komposisi. <https://maths.id/aturan-rantai-turunan-dan-turunan-fungsi-komposisi.php>. 26 Agustus 2019.
- Kurniawati, Peni, Pengujian Sistem, <https://medium.com/skyshidigital/pengujian-sistem-52940ee98c77>, 11 Desember 2019.
- Rian, Zakhayu. Klasifikasi dengan Metode Convolutional Neural Networks untuk Content-Based Image Retrieval. Jakarta: Program Studi Teknik Informatika Fakultas Teknologi Informasi Universitas Tarumanagara (Skripsi tidak dipublikasikan). 2019.
- Perdana, Rizal Setya, Pengukuran Akurasi Menggunakan Precision dan Recall, <https://rizalespe.com/pengukuran-akurasi-menggunakan-precision-dan-recall-71c04988e6ab>, 7 Desember 2019.
- SebastianRaschka. Machine Learning FAQ Why is the ReLU function not differentiable at  $x=0$ ?. <https://sebastianraschka.com/faq/docs/relu-derivative.html>. 25 Agustus 2019
- Sena, Samuel. Pengenalan Deep Learning Part 1: Neural Network. <https://medium.com/@samuelsena/pengenalan-deep-learning-8fbb7d8028ac>. 24 Agustus 2019.
- Sena, Samuel. Pengenalan Deep Learning Part 3: BackPropagation Algorithm. <https://medium.com/@samuelsena/pengenalan-deep-learning-part-3-backpropagation-algorithm-720be9a5fbb8>. 26 Agustus 2019.
- Sena, Samuel. Pengenalan Deep Learning Part 7: Convolutional Neural Network (CNN). <https://medium.com/@samuelsena/pengenalan-deep-learning-part-7-convolutional-neural-network-cnn-b003b477dc94>. 25 Agustus 2019.

---

Sistem Informasi, Pengertian Black Box Testing,  
<http://www.sistem-informasi.xyz/2017/01/pengertian-black-box-testing.html>, 11 Desember 2019.

Sofia, Nadhifa. Convolutional Neural Network.  
<https://medium.com/@nadhifasofia/1-convolutional-neural-network-convolutional-neural-network-merupakan-salah-satu-metode-machine-28189e17335b>. 26 Agustus 2019.

Sularida, Nina; Sari, Jayanti Yusmah.; dan Purnama, Ika Purwanti Ningrum. Identifikasi Tingkat Kematangan Buah Pisang Menggunakan Metode Ekstraksi Ciri Statistik pada Warna Buah. ULTIMATICS: Jurnal Teknik Informatika, Vol. 10, No.2. (Desember 2018). h. 98.

Taufiqullah. Pengertian Klimaterik. <https://www.tneutron.net/pangan/pengertian-klimaterik/>, 16 Agustus 2019.

Wikipedia. Convolutional Neural Network. [https://en.wikipedia.org/wiki/Convolutional\\_neural\\_network](https://en.wikipedia.org/wiki/Convolutional_neural_network), 4 September 2019