

DAFTAR PUSTAKA

- “About: Roll-Off.” n.d. Accessed June 9, 2021. <https://dbpedia.org/page/Roll-off>.
- Academy, Khan. n.d. “Histograms Review (Article) | Khan Academy.” Accessed June 13, 2021. <https://www.khanacademy.org/math/statistics-probability/displaying-describing-data/quantitative-data-graphs/a/histograms-review>.
- Aida, Nur Rohmi. 2020. “Kisaran Harga Rapid Test Antigen Covid-19 Bervariasi, Rp 350.000 Hingga Rp 499.000,” 2020. <https://www.kompas.com/tren/read/2020/12/17/114300165/kisaran-harga-rapid-test-antigen-covid-19-bervariasi-rp-350000-hingga-rp>.
- Amidi, Afshine, and Shervine Amidi. n.d. “CS 230 - Convolutional Neural Networks Cheatsheet.” Accessed June 9, 2021. <https://stanford.edu/~shervine/teaching/cs-230/cheatsheet-convolutional-neural-networks>.
- Bisnis.com. 2020. “Berapa Kisaran Harga Rapid Test Antigen, Rapid Test Antibodi Dan PCR Swab? - Bisnis Tempo.Co,” 2020. https://bisnis.tempo.co/read/1415431/berapa-kisaran-harga-rapid-test-antigen-rapid-test-antibodi-dan-pcr-swab?page_num=2.
- Brigham, E Oran. 1988. “THE FAST FOURIER TRANSFORM AND ITS APPLICATIONS.”
- Brownlee, Jason. 2019. “A Gentle Introduction to the Rectified Linear Unit (ReLU).” 2019. <https://machinelearningmastery.com/rectified-linear-activation-function-for-deep-learning-neural-networks/>.
- College, Emory & Henry. n.d. “What Is Coronavirus (COVID-19)? • E&H: Strong and Safe Together • Emory & Henry.” Accessed February 17, 2021. <https://www.ehc.edu/live/profiles/3171-what-is-coronavirus-covid-19>.
- “Coronavirus Disease (COVID-19).” 2020. 2020. <https://www.who.int/emergencies/diseases/novel-coronavirus-2019/question-and-answers-hub/q-a-detail/coronavirus-disease-covid-19>.
- “COVID-19 Testing Toolkit Homepage.” n.d. Accessed February 17, 2021. <https://www.centerforhealthsecurity.org/covid-19TestingToolkit/>.
- Das, Joy Krishan, Arka Ghosh, Abhijit Kumar Pal, Sumit Dutta, and Amitabha Chakrabarty. 2020. “Urban Sound Classification Using Convolutional Neural Network and Long Short Term Memory Based on Multiple Features.” *4th International Conference on Intelligent Computing in Data Sciences, ICDS 2020*. <https://doi.org/10.1109/ICDS50568.2020.9268723>.
- Dewi, Retia Kertika. 2020. “Sering Dikeluhkan, Ini Alasan Mengapa Tes Swab Mahal.” 2020. <https://www.kompas.com/tren/read/2020/10/01/170500565/sering-dikeluhkan-ini-alasan-mengapa-tes-swab-mahal>.
- Himanshu. 2021. “COVID-19 Cough Recordings | Kaggle.” 2021. <https://www.kaggle.com/himanshu007121/coughclassifier-trial>.
- Krawczyk, Bartosz. 2016. “Learning from Imbalanced Data: Open Challenges and

- Future Directions.” *Progress in Artificial Intelligence*. Springer Verlag. <https://doi.org/10.1007/s13748-016-0094-0>.
- Kumawat, Dinesh. 2019. “Sigmoid Function - an Overview | ScienceDirect Topics.” 2019. <https://www.sciencedirect.com/topics/computer-science/sigmoid-function>.
- Librosa. n.d. “Librosa.Feature.Chroma_stft — Librosa 0.8.1 Documentation.” Accessed June 9, 2021a. https://librosa.org/doc/main/generated/librosa.feature.chroma_stft.html.
- . n.d. “Librosa.Feature.Spectral_centroid — Librosa 0.8.1 Documentation.” Accessed June 9, 2021b. https://librosa.org/doc/main/generated/librosa.feature.spectral_centroid.html?highlight=spectral_centroid.
- . n.d. “Librosa.Stft — Librosa 0.8.1 Documentation.” Accessed June 9, 2021c. <http://librosa.org/doc/main/generated/librosa.stft.html>.
- Marcus, Mary Brophy. 2020. “What Is Coronavirus?” 2020. <https://globalhealth.duke.edu/news/what-coronavirus>.
- McNealis, Nisha, and Aman Oberoi. 2020. “A Simple Introduction to Dropout Regularization (With Code!) | by Nisha McNealis | Analytics Vidhya | Medium.” 2020. <https://medium.com/analytics-vidhya/a-simple-introduction-to-dropout-regularization-with-code-5279489dda1e>.
- Mishra, Mayank. 2020. “Convolutional Neural Networks, Explained | by Mayank Mishra | Towards Data Science.” 2020. <https://towardsdatascience.com/convolutional-neural-networks-explained-9cc5188c4939>.
- Moody, James. 2019. “What Does RMSE Really Mean?. Root Mean Square Error (RMSE) Is A... | by James Moody | Towards Data Science.” 2019. <https://towardsdatascience.com/what-does-rmse-really-mean-806b65f2e48e>.
- Nasution, Torkis. 2012. “Metoda Mel Frequency Cepstrum Coefficients (MFCC) Untuk Mengenali Ucapan Pada Bahasa Indonesia.” *SATIN - Sains Dan Teknologi Informasi* 1: 22–31.
- Orlandic, Lara, Tomas Teijeiro, and David Atienza. 2020. “The COUGHVID Crowdsourcing Dataset: A Corpus for the Study of Large-Scale Cough Analysis Algorithms.” *ArXiv*, September. <http://arxiv.org/abs/2009.11644>.
- . 2021. “The COUGHVID Crowdsourcing Dataset: A Corpus for the Study of Large-Scale Cough Analysis Algorithms,” February. <https://doi.org/10.5281/ZENODO.4498364>.
- Pal Singh, Parwinder, and Pushpa Rani. 2014. “An Approach to Extract Feature Using MFCC.” *IOSR Journal of Engineering* 4 (8): 21–25. <https://doi.org/10.9790/3021-04812125>.
- Radhakrishnan, Pranoy. 2017. “What Are Hyperparameters ? And How to Tune the Hyperparameters in a Deep Neural Network? | by Pranoy Radhakrishnan | Towards Data Science.” 2017. <https://towardsdatascience.com/what-are-hyperparameters-and-how-to-tune-the-hyperparameters-in-a-deep-neural->

network-d0604917584a.

- Rocha, B M, D Filos, L Mendes, I Vogiatzis, E Perantoni, E Kaimakamis, P Natsiavas, et al. 2007. "A Respiratory Sound Database for the Development of Automated Classification." <https://bhichallenge.med.auth.gr/>.
- Sabra, Adam. 2021. "Learning from Audio: Spectrograms | by Adam Sabra | Towards Data Science." 2021. <https://towardsdatascience.com/learning-from-audio-spectrograms-37df29dba98c>.
- Saha, Sumit. 2018. "A Comprehensive Guide to Convolutional Neural Networks — the ELI5 Way | by Sumit Saha | Towards Data Science." 2018. <https://towardsdatascience.com/a-comprehensive-guide-to-convolutional-neural-networks-the-eli5-way-3bd2b1164a53>.
- Sharma, Sagar. 2017. "Epoch vs Batch Size vs Iterations | by SAGAR SHARMA | Towards Data Science." 2017. <https://towardsdatascience.com/epoch-vs-iterations-vs-batch-size-4dfb9c7ce9c9>.
- Sharma, Sandeep, Muhammad F. Hashmi, and Mohamed S. Alhajjaj. 2021. "Cough - StatPearls - NCBI Bookshelf." 2021. https://www.ncbi.nlm.nih.gov/books/NBK493221/#_article-20073_s1_.
- Sharp, David. 2019. "What Is Sound? - OpenLearn - Open University." 2019. <https://www.open.edu/openlearn/science-maths-technology/science/physics-and-astronomy/physics/what-sound>.
- "Spectral Bandwidth | Timbercon." n.d. Accessed June 9, 2021. <https://www.timbercon.com/resources/glossary/spectral-bandwidth/>.
- Srivastava, Nitish, Geoffrey Hinton, Alex Krizhevsky, and Ruslan Salakhutdinov. 2014. "Dropout: A Simple Way to Prevent Neural Networks from Overfitting." *Journal of Machine Learning Research*. Vol. 15.
- Tripathi, Mayank. 2020. "Underfitting and Overfitting in Machine Learning." 2020. <https://datascience.foundation/sciencewhitepaper/underfitting-and-overfitting-in-machine-learning>.
- "Waves." 2001. 2001. <http://earthguide.ucsd.edu/wav/frequency.html>.