

DAFTAR PUSTAKA

- [1] Kementerian Komunikasi dan Informatika Republik Indonesia. (2020), "Pandemi Covid-19 Momentum Transformasi Digital." Accessed: May 25, 2023. [Online]. Available: https://www.kominfo.go.id/content/detail/29815/dirjen-sdppi-pandemi-covid-19-momentum-transformasi-digital/0/berita_satker
- [2] Kementerian Komunikasi dan Informatika Republik Indonesia. (2017), "Perkembangan *E-Commerce* di Indonesia." Accessed: May 25, 2023. [Online]. Available: https://www.kominfo.go.id/content/detail/10524/perkembangan-E-Commerce-di-indonesia-meningkat-cukup-pesat/0/sorotan_media
- [3] Databoks. (2023), "5 *E-Commerce* dengan Pengunjung Terbanyak di Indonesia (Kuartal I 2023)." Accessed: Jun. 12, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2023/05/03/5-E-Commerce-dengan-pengunjung-terbanyak-kuartal-i-2023>
- [4] Databoks. (2019), "*E-Commerce* dengan Pengunjung Terbesar Kuartal III-2019." Accessed: Dec. 28, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2019/10/22/inilah-10-E-Commerce-dengan-pengunjung-terbesar>
- [5] Databoks. (2020), "Pengunjung Bulanan Situs *E-Commerce* (Kuartal III 2020)." Accessed: Dec. 28, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2020/11/20/shopee-E-Commerce-dengan-pengunjung-situs-tertinggi-kuartal-iii-2020>
- [6] Databoks. (2021), "*E-Commerce* dengan Pengunjung Web Bulanan Tertinggi (Kuartal III 2021)." Accessed: Dec. 28, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2021/11/18/tokopedia-masih-jadi-E-Commerce-paling-banyak-dikunjungi-pada-kuartal-iii-2021>
- [7] Databoks. (2022), "Pertumbuhan Tren Pencarian Produk di *E-Commerce* setelah Pandemi (2019 vs 2021)." Accessed: Dec. 28, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2022/04/12/ini-produk-yang-kian-banyak-dicari-di-E-Commerce-setelah-pandemi>
- [8] Databoks. (2022), "Proporsi Jumlah Transaksi Belanja *Online* Berdasarkan Kelompok Umur (2020-2021)." Accessed: Dec. 28, 2023. [Online]. Available: <https://databoks.katadata.co.id/datapublish/2022/06/03/riset-milenial-paling-gemar-belanja-online-saat-pandemi>
- [9] A. Ambre, P. Gaikwad, K. Pawar, and V. Patil, "Web and Android Application for Comparison of *E-Commerce* Products," *International*

Journal of Advanced Engineering, Management and Science, vol. 5, no. 4, pp. 266–268, 2019, doi: 10.22161/ijaems.5.4.5.

- [10] F. Djiwadikusumah, G. Hayindra Irawan, and R. Haekal Al-Fadilah, “*Web scraping* Situs *E-Commerce* Menggunakan Teknik Parsing DOM,” *Siliwangi*, vol. 7, no. 2, 2021.
- [11] Rismita Wahyu Widyastuti, “Prediksi Harga Televisi Dengan Menggunakan Penerapan Metode Random Forest Dan Framework Flask,” Universitas Islam Indonesia, Yogyakarta, 2020.
- [12] D. Deviacita *et al.*, “Implementasi *Web scraping* untuk Pengambilan Data pada Situs Marketplace,” vol. 7, no. 4, 2019.
- [13] D. F. Setiawan, T. Tristiyanto, and A. Hijriani, “Aplikasi *Web scraping* Deskripsi Produk,” *Jurnal Teknoinfo*, vol. 14, no. 1, p. 41, Jan. 2020, doi: 10.33365/jti.v14i1.498.
- [14] Rais Saputra, Faradilla Laksmi Devi, Asep Supriyanto, and Putri Anggun Sari, “Penerapan Teknik *Web scraping* Untuk Pencarian Produk Terlaris Di Berbagai Situs *E-Commerce* Indonesia,” vol. 1, no. 1, Jul. 2022.
- [15] Adi Sopian, Andy Dharmalau, and Alpindo, “Pemanfaatan Teknik *Web scraping* Python Untuk Sistem Pencarian Produk Di Toko *Online*,” vol. 2, no. 2, Jul. 2022.
- [16] Albert Stevan Yondra, Dedi Triyanto, and Syamsul Bahri, “Implementasi *Web scraping* Untuk Mengumpulkan Informasi Produk Dari Situs *E-Commerce* Dan Marketplace Dengan Teknik Pemrosesan Paralel,” vol. 10, no. 1, 2022.
- [17] Ainur Rahman and H. Suroyo, “Analisis Data Produk Elektronik Di *E-Commerce* Dengan Metode Algoritma K-Means Menggunakan Python,” *Journal of Advances in Information and Industrial Technology*, vol. 3, no. 2, pp. 11–18, Nov. 2021, doi: 10.52435/jaiit.v3i2.158.
- [18] N. Ika Purnama, L. Pratamu Putri, R. Bahagia, and J. Kapten Mukhtar Basri No, “Analisis *E-Commerce* Dalam Membantu Penjualan UMKM di Tengah Pandemi,” vol. 21, no. 2, 2021, doi: 10.30596/ekonomikawan.v%vi%i.8503.
- [19] N. Alamsyah, M. Muflih, M. Edya Rosadi, I. Kalimantan Muhammad Arsyad Al Banjari Banjarmasin Jl Adhyaksa No, K. Banjarmasin, and K. Selatan -, “Rancang Bangun Sistem Informasi Administrasi Lembaga Sertifikasi Profesi (LSP) Berbasis Web,” *SMARTICS Journal*, vol. 6, no. 2, pp. 77–88, doi: 10.21067/smartics.v6i2.4700.
- [20] M. Syarif and E. B. Pratama, “Analisis Metode Pengujian Perangkat Lunak BlackBox Testing dan Pemodelan Diagram UML Pada Aplikasi Veterinary

- Services yang Dikembangkan Dengan Model Waterfall,” vol. 5, no. 2, Jul. 2021.
- [21] W. Aliman, “Perancangan Perangkat Lunak Untuk Menggambar Diagram Berbasis Android,” vol. 6, no. 6, Jun. 2021, doi: <https://doi.org/10.36418/syntax-literate.v6i6.1404>.
- [22] Dicoding Academy, “Contoh Use Case Diagram Lengkap dengan Penjelasannya.” Accessed: Dec. 28, 2023. [Online]. Available: <https://www.dicoding.com/blog/contoh-use-case-diagram>
- [23] N. Khesya, “Mengenal Flowchart dan Pseudocode Dalam Algoritma dan Pemrograman,” vol. 1, no. 1, 2021.
- [24] Populix, “Panduan Lengkap Cara Membuat Flowchart untuk Perusahaan.” Accessed: Dec. 28, 2023. [Online]. Available: <https://info.populix.co/articles/cara-membuat-flowchart/>
- [25] H. Ouarnoughi, J. Boukhobza, P. Olivier, L. Plassart, and L. Bellatreche, “Performance Analysis and Modeling of SQLite Embedded Databases on Flash File System,” Sep. 2021, doi: DOI 10.1007/s10617-014-9149-2.
- [26] R. Irsyad, “Penggunaan Python Web Framework Flask Untuk Pemula,” 2018.
- [27] K. Henrys, “Importance of *web scraping* in *E-Commerce* and e-marketing,” 2021.
- [28] M. A. Khder, “*Web scraping* or web crawling: State of art, techniques, approaches and application,” *International Journal of Advances in Soft Computing and its Applications*, vol. 13, no. 3, pp. 144–168, 2021, doi: 10.15849/ijasca.211128.11.
- [29] C. Vadim and C. Kailash, “End user interface for collecting and evaluating company data: Real-time data collection through *web-scraping*,” 2021.
- [30] H. Chaib, M. El Asikri¹, S. Krit, and H. Chaib, “Using *Web scraping* In A Knowledge Environment To Build Ontologies Using Python And Scrapy Article in,” *Eur J Transl Clin Med*, 2020.
- [31] H. Judul, D. Oleh, and R. Baskara, “Implementasi *Web scraping* Pada Media Sosial Instagram,” 2022.
- [32] M. Ferdyandi, N. Y. Setiawan, and F. Abdurrachman Bachtiar, “Prediksi Potensi Penjualan Makanan Beku berdasarkan Ulasan Pengguna Shopee menggunakan Metode Decision Tree Algoritma C4.5 dan Random Forest (Studi Kasus Dapur Lilis),” vol. 6, no. 2, pp. 588–596, 2022.

- [33] S. Raghavendra, “Python Testing with Selenium,” in *Python Testing with Selenium*, Apress, 2021, pp. 1–14. doi: 10.1007/978-1-4842-6249-8_1.
- [34] M. Albarka Umar and C. Zhanfang, “A Study of Automated Software Testing: Automation Tools and Frameworks,” 2019.
- [35] Y. Jing and T. Muniandy, “Fake News Detection Using Machine Learning,” 2021.
- [36] C. P. Milliken, *Python Projects for Beginners*. Apress, 2020. doi: 10.1007/978-1-4842-5355-7.
- [37] S. vanden Broucke and B. Baesens, “Practical *Web scraping* for Data Science,” in *Practical Web scraping for Data Science*, Apress, 2018, pp. 127–154. doi: 10.1007/978-1-4842-3582-9_5.
- [38] Supriyono, “Software Testing with the approach of Blackbox Testing on the Academic Information System,” *Sinta4*, vol. 3, no. 2, pp. 1–1, 2020.
- [39] N. Made, D. Febriyanti, A. A. KOMPIANG, O. Sudana, and N. Piarsa, “Implementasi Black Box Testing pada Sistem Informasi Manajemen Dosen,” 2021.
- [40] Histinawty, R. Tavipia, and H. Matrisnya, “Sistem Aplikasi Perhitungan Sudut Padat Straight Leg Raise Test Menggunakan Motion Capture Kinect Dan Bahasa C#,” *SeNTIK*, vol. 5, no. 1, pp. 3–3, 2021.