

DAFTAR PUSTAKA

- Abdelhamid, A. A., Towfek, S. K., Khodadadi, N., Alhussan, A. A., Khafaga, D. S., Eid, M. M., & Ibrahim, A. (2023). Waterwheel Plant Algorithm: A Novel Metaheuristic Optimization Method. *Processes*, 11(5).
<https://doi.org/10.3390/pr11051502>
- Ahmadar, M., Perwito, P., & Taufik, C. (2021). PERANCANGAN SISTEM INFORMASI PENJUALAN BERBASIS WEB PADA RAHAYU PHOTO COPY DENGAN DATABASE MySQL. *Dharmakarya*, 10(4), 284.
<https://doi.org/10.24198/dharmakarya.v10i4.35873>
- Alam, S. (2023). Application Security Testing to Support Digital-Based Cultural Ecosystem in Jogja Smart Province. *Jurnal Pengabdian kepada Masyarakat (Indonesian Journal of Community Engagement)*, 9(3), 158.
<https://doi.org/10.22146/jpkm.80089>
- Alanda, A., Satria, D., Isthofa Ardhana, M., Dahlan, A. A., & Mooduto, A. (t.t.-a). *INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION journal homepage : www.joiv.org/index.php/joiv INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION Web Application Penetration Testing Using SQL Injection Attack. www.joiv.org/index.php/joiv*
- Alanda, A., Satria, D., Isthofa Ardhana, M., Dahlan, A. A., & Mooduto, A. (t.t.-b). *INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION journal homepage : www.joiv.org/index.php/joiv INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION Web Application Penetration Testing Using*

SQL Injection Attack. www.joiv.org/index.php/joiv

Aliero, M. S., Ghani, I., Qureshi, K. N., & Rohani, M. F. (2020a). An algorithm for detecting SQL injection vulnerability using black-box testing. *Journal of Ambient Intelligence and Humanized Computing*, *11*(1), 249–266. <https://doi.org/10.1007/s12652-019-01235-z>

Aliero, M. S., Ghani, I., Qureshi, K. N., & Rohani, M. F. (2020b). An algorithm for detecting SQL injection vulnerability using black-box testing. *Journal of Ambient Intelligence and Humanized Computing*, *11*(1), 249–266. <https://doi.org/10.1007/s12652-019-01235-z>

Almaarif, A., & Lubis, M. (2020). *Vulnerability Assessment and Penetration Testing (VAPT) Framework: Case Study of Government's Website*. *10*(5).

Avireddy , et al. , " *Random4 : An Application Specific Randomized Encryption Algorithm to prevent SQL injection*. (t.t). <https://www.contextis.com/blog/data-exfiltration>

Azman, M. A., Marhusin, M. F., & Sulaiman, R. (2021). Machine Learning-Based Technique to Detect SQL Injection Attack. *Journal of Computer Science*, *17*(3), 296–303. <https://doi.org/10.3844/JCSSP.2021.296.303>

Bimandaru, A., Alamsyah, A., & Nugroho, A. (2023). ANALISIS PENGUJIAN PENETRASI PADA LAYANAN HOSTING MENGGUNAKAN METODE BLACK BOX (Studi kasus : Blogspot, Wordpress dan Shared Hosting). *Foristek*, *14*(1). <https://doi.org/10.54757/fs.v14i1.238>

Chaghoub, S., & Benterki, D. (2020). COMPARATIVE NUMERICAL STUDY BETWEEN LINE SEARCH METHODS AND MAJORANT FUNCTIONS IN BARRIER LOGARITHMIC METHODS FOR LINEAR PROGRAMMING. Dalam *JOURNAL OF NUMERICAL ANALYSIS AND APPROXIMATION THEORY* *J. Numer. Anal. Approx. Theory* (Vol. 49, Nomor 1).

Dasmen, R. N., Rasmila, R., Widodo, T. L., Kundari, K., & Farizky, M. T. (2023). PENGUJIAN PENETRASI PADA WEBSITE ELEARNING2.BINADARMA.AC.ID DENGAN METODE PTES (PENETRATION TESTING EXECUTION STANDARD). *Jurnal Komputer dan Informatika*, 11(1), 91–95. <https://doi.org/10.35508/jicon.v11i1.9809>

Database new. (t.t.).

De Paoli, S., & Johnstone, J. (2023a). A qualitative study of penetration testers and what they can tell us about information security in organisations. *Information Technology and People*. <https://doi.org/10.1108/ITP-11-2021-0864>

De Paoli, S., & Johnstone, J. (2023b). A qualitative study of penetration testers and what they can tell us about information security in organisations. *Information Technology and People*. <https://doi.org/10.1108/ITP-11-2021-0864>

Erdodi, L., Sommervoll, Å. Å., & Zennaro, F. M. (2021). *Simulating SQL Injection Vulnerability Exploitation Using Q-Learning Reinforcement Learning Agents*. <http://arxiv.org/abs/2101.03118>

Faizi, Z., Ali Ridha, A., Singaperbangsa Karawang, U., HSRonggo Waluyo, J.,

Timur, T., & Barat, J. (t.t.). ANALISIS WEB SECURITY HOLE MENGGUNAKAN METODE PENETRATION TESTING EXECUTION AND STANDARD (STUDI KASUS : UNIVERSITAS SINGAPERBANGSA KARAWANG). *Jurnal informasi dan Komputer*, 11(2), 2023.

Fikri, M. N., Parga Zen, B., Adhitama, R., & Firdaus, E. A. (2023). Analisis Keamanan Sistem Informasi Website SMA Negeri 1 Sokaraja Menggunakan Metode Penetration Testing Execution Standard (PTES). *JURNAL INFORMATIKA*, 2(2). <https://jurnal.uniraya.ac.id/index.php/JI>

Firnando Yusuf, R., & Sijabat, D. R. (t.t.). *Optimasi Serangan Blind Nosql Injection Dengan Pendekatan Algoritma Binary Search*.

Hajar Ismail, S., Ghafar Jaafar, A., & Abdul Rahim, F. (t.t.). *A REVIEW OF PENETRATION TESTING PROCESS FOR SQL INJECTION ATTACK Article history*.

Harahap, A. H., Difa Andani, C., Christie, A., Nurhaliza, D., & Fauzi, A. (t.t.). *Pentingnya Peranan CIA Triad Dalam Keamanan Informasi dan Data Untuk Pemangku Kepentingan atau Stakholder*.

Hasnat, M. M., & Islam, M. A. (2025). Enhancing Web Security: A Comprehensive Approach to Detect and Prevent SQL Injection Attacks through Innovative Query Comparison and Encryption Algorithms. *International Journal of Scientific Research and Modern Technology*, 4(1), 123–133. <https://doi.org/10.5281/zenodo.14960117>

Jibril Ibrahim -, M. (2024). *Makalah IF1220 Matematika Diskrit-Semester I Tahun*.

<https://www.bigocheatsheet.com/>

Johny, J. H. B., Nordin, W. A. F. B., Lahapi, N. M. B., & Leau, Y. B. (2021). SQL Injection Prevention in Web Application: A Review. *Communications in Computer and Information Science*, 1487 CCIS, 568–585. https://doi.org/10.1007/978-981-16-8059-5_35

Kaur, A. (t.t.). *Methodology and Analysis for Various SQL Injection Techniques*. <http://www.banasthali.org/librarydetail.asp?category=book>

KOZEL, V. M., DROZDOVA, IE. A., IVANCHUK, O. I., & PRYKHODKO, O. O. (2024). RESEARCH OF PENETRATION TESTING METHODS. *Вісник Херсонського національного технічного університету*, 3(90), 221–227. <https://doi.org/10.35546/kntu2078-4481.2024.3.28>

Kumar, P., Mahajan, A. K., & Sharma, M. (2023). Site effect assessment and vulnerability analysis using multi-geophysical methods for Kangra city, NW Himalaya, India. *Journal of Earth System Science*, 132(1). <https://doi.org/10.1007/s12040-022-02032-7>

Kumar, S., Shailu, Jain, A., & Moparathi, N. R. (2022). Enhanced Method of Object Tracing Using Extended Kalman Filter via Binary Search Algorithm. *Journal of Information Technology Management*, 14, 180–199. <https://doi.org/10.22059/JITM.2022.86665>

Luo, B., Xiao, W., Wang, S., Huang, J., & Tassiulas, L. (2021). *Tackling System and Statistical Heterogeneity for Federated Learning with Adaptive Client Sampling*. <http://arxiv.org/abs/2112.11256>

- Lutfina, E., Inayati, N., & Saraswati, G. W. (2022). Analisis Perbandingan Kinerja Metode Rekursif dan Metode Iteratif dalam Algoritma Linear Search. *Komputika : Jurnal Sistem Komputer*, 11(2), 143–150. <https://doi.org/10.34010/komputika.v11i2.5493>
- Madani, M. A., Syamsul, L. A., & Akbar, I. (2024). *Penetration Testing untuk Menguji Sistem Keamanan pada Website dengan Metode Black-Box* ARTICLE INFO ABSTRACT (Vol. 2, Nomor 1).
- Mi, Z., Di, C., & Xu, D. (t.t.). *Generalized Binary Search Network for Highly-Efficient Multi-View Stereo*. <https://github.com/MiZhenxing/GBi-Net>.
- Mondal, B., Banerjee, A., & Gupta, S. (2022). review of SQLI detection strategies using machine learning. *International journal of health sciences*, 9663–9676. <https://doi.org/10.53730/ijhs.v6ns2.7519>
- Mukherjee, S., & Sen, P. (t.t.). *SQL Injection: A Sample Review*.
- Natanael, N. (2023). WEB PENETRATION TESTING DALAM MENCARI KERENTANAN SQL INJECTION. Dalam *Jurnal Mahasiswa Teknik Informatika* (Vol. 7, Nomor 6).
- Nugraha, L. A., Kautsar, I. A., & Fitriani, A. S. (2024). SQL Injection: Analisis Efektivitas Uji Penetrasi dalam Aplikasi Web. *SMATIKA JURNAL*, 14(01), 111–123. <https://doi.org/10.32664/smatika.v14i01.1224>
- Nugroho, A. B., & Mandala, S. (2020). Study the Best PenTest Algorithm for Blind SQL Injection Attacks. *International Journal on Information and*

Communication Technology (IJoICT), 5(2), 1.
<https://doi.org/10.21108/ijoint.2019.52.268>

Nurul, S., Anggrainy, S., & Aprelyani, S. (2022). *FAKTOR-FAKTOR YANG MEMPENGARUHI KEAMANAN SISTEM INFORMASI: KEAMANAN INFORMASI, TEKNOLOGI INFORMASI DAN NETWORK (LITERATURE REVIEW SIM)*. 3(5). <https://doi.org/10.31933/jemsi.v3i5>

Oleh, S., & Dwiyanto, E. (t.t.). *Analisis Perbandingan Algoritma Pencarian Ternary, dan Jump pada Aplikasi Jasa Pengiklanan*.

Ombagi, J. (2017). *Time-Based Blind SQL Injection via HTTP Headers: Fuzzing and Exploitation*. *Time-Based Blind SQL Injection via HTTP Headers: Fuzzing and Exploitation*. <https://www.researchgate.net/publication/328880240>

Peng, C., & Gao, W. (2024). Laplacian Matrix Learning for Point Cloud Attribute Compression with Ternary Search-Based Adaptive Block Partition. *MM 2024 - Proceedings of the 32nd ACM International Conference on Multimedia*, 10412–10420. <https://doi.org/10.1145/3664647.3681615>

Pružinec, J., & Anh Quynh, N. (t.t.-a). *Hakuin: Optimizing Blind SQL Injection with Probabilistic Language Models*.

Pružinec, J., & Anh Quynh, N. (t.t.-b). *Hakuin: Optimizing Blind SQL Injection with Probabilistic Language Models*.

Rai, A., Miraz, M. M. I., Das, D., Kaur, H., & Swati. (2021). *SQL Injection*:

Classification and Prevention. *Proceedings of 2021 2nd International Conference on Intelligent Engineering and Management, ICIEM 2021*, 367–372. <https://doi.org/10.1109/ICIEM51511.2021.9445347>

Ramadhan, H., & Avrilia Lantana, D. (t.t.-a). *STRING (Satuan Tulisan Riset dan Inovasi Teknologi) PERBANDINGAN ALGORITMA BINARY SEARCH DAN SEQUENTIAL SEARCH UNTUK PENCARIAN PERSEDIAAN STOK BARANG BERBASIS WEB.*

Ramadhan, H., & Avrilia Lantana, D. (t.t.-b). *STRING (Satuan Tulisan Riset dan Inovasi Teknologi) PERBANDINGAN ALGORITMA BINARY SEARCH DAN SEQUENTIAL SEARCH UNTUK PENCARIAN PERSEDIAAN STOK BARANG BERBASIS WEB.*

Rorong, G. Y., Fachri Pane, S., Amran, M., Siregar, H., & Bangsa, M. (2025). Optimizing Search Efficiency in Ordered Data: A Hybrid Approach Using Jump Binary Search. *Journal of Dinda Data Science, Information Technology, and Data Analytics*, 5(1), 36–44. <http://journal.ittelkom-pwt.ac.id/index.php/dinda>

Rosemond Dora, J., Hluch, L., & Nemoga, K. (2023). ONTOLOGY FOR BLIND SQL INJECTION. *Computing and Informatics*, 42, 480–500. <https://doi.org/10.31577/cai>

Safitra, M. F., & Lubis, M. (t.t.). *Analisis Kerentanan Keamanan Terhadap Website Pemerintahan Daerah XYZ Menggunakan Penetration Testing Execution Standard (PTES) (EC00202394436) Patent · October 2023 CITATIONS 0*

READS 22. <https://www.researchgate.net/publication/374741189>

Sari, A. M., Santhi, T., Ketut, D., Putra, A. M., Haekal, B., Made, I., Listartha, E., Arna, G., & Saskara, J. (t.t.). *Terbit online pada laman web jurnal: https://ejurnalunsam.id/index.php/jicom*. <http://testphp.vulnweb.com>,

SECURITY TESTING WITH PENETRATION TESTING EXECUTION STANDARD (PTES) METHODS TO FIND MISCONFIGURATIONS VULNERABILITIES IN NETWORK DEVICES. (t.t).

Singh, V., Khanzadeh, M., Davis, V., Rush, H., Rossi, E., Shrader, J., & Lio', P. (2025). Bayesian Binary Search. *Algorithms*, 18(8), 452. <https://doi.org/10.3390/a18080452>

Sommervoll, Å. Å., Erdödi, L., & Zennaro, F. M. (2024a). Simulating all archetypes of SQL injection vulnerability exploitation using reinforcement learning agents. *International Journal of Information Security*, 23(1), 225–246. <https://doi.org/10.1007/s10207-023-00738-3>

Sommervoll, Å. Å., Erdödi, L., & Zennaro, F. M. (2024b). Simulating all archetypes of SQL injection vulnerability exploitation using reinforcement learning agents. *International Journal of Information Security*, 23(1), 225–246. <https://doi.org/10.1007/s10207-023-00738-3>

Tahir, M., & Risky, M. (2024). *Analisis Keamanan Website Dinas Pemerintahan Yogyakarta Dengan Metode PTES (Penetration Testing Execution Standard)*.

Tere, T. S. P., Nirwan, S., & Resdiana, W. (2024). IMPLEMENTASI ALGORITMA

LINEAR SEARCH UNTUK OPTIMASI PENCARIAN PENDAFTAR DI DISDUKCAPIL KABUPATEN SUBANG. *Jurnal Kecerdasan Buatan dan Teknologi Informasi*, 3(3), 115–124. <https://doi.org/10.69916/jkbti.v3i3.158>

Untuk, D., Salah, M., Persyaratan, S., & Gelar, M. (t.t.). *UJI KERENTANAN PADA WEBSITE MENGGUNAKAN OPEN WEB APLICATION SECURITY PROJECT (OWASP) TOP 10 tahun 2021 STUDI KASUS (Domain uinjkt.ac.id) SKRIPSI*.

W, Y., Fitriana, Y. B., Esabela, S., & Hamdani, F. (2024). Deteksi Serangan Malware Pada Web Aplikasi Menggunakan Metode Malware Analisis Dinamis dan Statis. *Digital Transformation Technology*, 4(1), 461–470. <https://doi.org/10.47709/digitech.v4i1.4270>

Wahyu Saputra, D., Siwi Pradini, R., & Anshori, M. (2025). Analisis dan Rekomendasi Keamanan Website Kampus X Menggunakan ISSAF. Dalam *Jurnal Indonesia : Manajemen Informatika dan Komunikasi (JIMIK)* (Vol. 6, Nomor 1). <https://journal.stmiki.ac.id>

Yaswanthraj, S., M, A., S, K., & R, J. (2024b). SQL Injection and Prevention. *International Journal of Research Publication and Reviews*, 5(6), 1308–1317. <https://doi.org/10.55248/gengpi.5.0624.1438>

Zhang, L., Zhang, D., Wang, C., Zhao, J., & Zhang, Z. (2019). ART4SQLi: The ART of SQL Injection Vulnerability Discovery. *IEEE Transactions on Reliability*, 68(4), 1470–1489. <https://doi.org/10.1109/TR.2019.2910285>