

REFERENCES

- Adithama, S. P., Wisnubhadra, I. and Sinaga, B. L. (2013). Analisis Dan Desain Real-Time Business Intelligence Menggunakan Change Data Capture. *Seminar Nasional Teknologi Informasi dan Komunikasi 2013 (SENTIKA 2013)*, 2013, 1–9.
- Borang Akreditasi Program Studi. (2019). BAN-PT
- Bambang Soesatyo. Generasi Milenial dan Era Industri 4.0. 6th June 2018. Retrieved from <https://news.detik.com/kolom/d-3981811/generasi-milenial-dan-era-industri-40>
- Broad, J. (2013). System Development Life Cycle (SDLC). *Risk Management Framework*, 39–45. <https://doi.org/10.1016/B978-1-59749-995-8.00005-3>
- Easton, M., Carrodus, G., Delany, T., McArthur, K., Smith, R.. (2014). Oxford Big Ideas Geography/History 9 AC Student Book + obook assess. Australia: Oxford University
- Fathya, F. F. N., Murahartawaty and Widjajarto, A., (2014). Penerapan Business Intelligence Pada Aplikasi Dashboard Monitoring Performansi Mahasiswa Dan Lulusan Berdasarkan Standar 3 Ban-PT Program Studi Sarjana Menggunakan Metode Scrum. Telkom University : *Jurnal Rekayasa Sistem & Industri (JRSI)*, 1(1), 144–151.
- FinancesOnline. (2019). What Is the Purpose of Business Intelligence in a Business?. 18th March 2019. Retrieved from <https://financesonline.com/purpose-business-intelligence-business/>
- Gandomi, A. and Haider, M. (2015). Beyond the hype: Big data concepts, methods, and analytics. *International Journal of Information Management*, 35, 137–144
- GSMA Association. (2014). Understanding The Internet of Things (IoT). UK: connectedliving@gsma.com
- Hadinata, N. and Nasir, M. (2017). Implementasi Metode Scrum Dalam Rancang Bangun Sistem Informasi Penjualan (Study Kasus : Penjualan Sperpart Kendaraan). Palembang : Universitas Bina Darma.
- Imelda. (2013). Business Intelligence. Universitas Komputer Indonesia, Universitas Komputer Indonesia : *Majalah Ilmiah UNIKOM*. Vol. 11, No.1, Maret 2013 p.111-116.

- Kabakchieva, D. (2015). Business intelligence systems for analyzing university students data. *Cybernetics and Information Technologies*, 15(1), 104–115. <https://doi.org/10.1515/cait-2015-0009>
- Krisnanda, M. (2014). Implementasi Metodologi SCRUM dalam Pembangunan Situs Harga Komoditas. *Sistem Informasi*, 9(2), 149–160.
- Kukuh Kumara. Berapa Jumlah Perguruan Tinggi di Indonesia. 26th July 2018. Retrieved from <https://databoks.katadata.co.id/datapublish/2017/05/05/berapa-jumlah-perguruan-tinggi-di-indonesia>
- Larson, D. (2016). A Review and Future Direction of Agile, Business Intelligence, Analytics and Data Science. USA: Larson & Associates, LLC.
- Maheshwari, A. K. (2015). *Business Intelligence and Data Mining*. New York: Business Expert Press.
- Murtadho, M. A., Hendrik. (2012). Penerapan Business Intelligence Pada Aplikasi Partner Relationship Management di PT Indosat Sales Area Kota Mojokerto. *Jurnal Informatika*, 1–8.
- Nagy, J., Olah, J., Edina-Erdei, Mate, D., Popp, J. (2018). The Role and Impact of Industry 4.0 and the Internet of Things on the Business Strategy of the Value Chain—The Case of Hungary. *Sustainability Journal*. 3491
- Nurasiah. (2014). Perencanaan Pengembangan Sistem Informasi Pembayaran Uang Kuliah Dengan Metode SDLC Waterfall. *Jurnal Teknologi Dan Rekayasa*, 19(3), 72–81.
- Pangkalan Data Pendidikan Tinggi Kementerian Riset, Teknologi Dan Pendidikan Tinggi. 4th July 2018. Retrieved from <https://forlap.ristekdikti.go.id/>
- Patel, K. K., Patel, S. M. (2016). Internet of Things-IOT: Definition, Characteristics, Architecture, Enabling Technologies, Application & Future Challenges. India: Faculty of Technology and Engineering-MSU. *International Journal of Engineering Science and Computing*, 6(5).
- Perez, J. A., Deligianni, F., Ravi, D., Yang, G. Z. (2016). Artificial Intelligence and Robotics. UK: UK-RAS Network
- Pradipta, A. A., Prasetyo, Y. A., and Ambarsari, N. (2015). Pengembangan Web E-Commerce Bojana Sari Menggunakan Metode Prototype. *eProceedings of Engineering*, 2(1), 1042–1056.

- Prasetyo, D. (2015). Pengembangan Model Blended Learning Mata Kuliah Interaksi Manusia & Komputer Menggunakan Metode System Development Life Cycle (SDLC) di Universitas Nusa Cendana, 1–11.
- Putri, R. R., (2018). Penerapan Business Intelligence Sebagai Pendukung Analisis Produktivitas Karyawan Bagian Penjualan (Studi Kasus: Northwind). Yogyakarta: Universitas Islam Indonesia.
- Romadhoni E. N. A., Widiyaningtyas, T. and Pujiyanto, U. (2015). Implementasi Model Waterfall Pada Pengembangan Sistem Informasi Alumni SMKN 1 Jenangan Ponorogo. *Seminar Nasional Sistem Informasi Indonesia*, 445–452.
- Sasmito, G. W. (2017). Penerapan Metode Waterfall Pada Desain Sistem Informasi Geografis Industri Kabupaten Tegal. *Jurnal Informatika: Jurnal Pengembangan IT*, 2(1), 6–12.
- Schwab, Klaus. (2016). *The Fourth Industrial Revolution*. Switzerland: World Economic Forum
- Schwaber, K. and Sutherland, J., (2017). *Scrum Guide*, (November). Retrieved from <http://creativecommons.org/licenses/by-sa/4.0/legalcode>
- Seta, H. B., Wati, T., dan Isnainiyah, I. N. (2017). Perancangan Data Warehouse pada Perpustakaan UPN “Veteran” Jakarta Data Warehouse Development for UPN “Veteran” Jakarta Library, 2(2), 161–166.
- Shwartz, S. S., David, S. B. (2014). *Understanding Machine Learning from Theory to Algorithm*. Canada: Cambridge University Press
- Su, X. (2014). *Introduction to Big Data*. Norwegia: Institutt for informatikk og e-l ring ved Norwegian University of Science and Technology.
- Violita, Dita. 2018. *Pembangunan Dashboard Akademik & Mahasiswa Fakultas Teknologi Informasi Universitas Andalas*. Padang: Fakultas Teknologi Informasi Universitas Andalas
- World Intellectual Property Organization Technology Trends. (2019). *Artificial Intelligence*. Switzerland: World Intellectual Property Organization.