

Bibliography

Books

Erik Brynjolfsson, Brian Kahin, 2000, *Understanding the Digital Economy: data, tools, and research*, The MIT Press.

Robert Cooter, Thomas Ulen, 2012, *Law & Economics 6th Edition*, Pearson Education Inc, Boston

Journal Articles

Achmad Ali, “Law and Development in Changing Indonesia”, *Institute of Developing Economies Asian Law Series* No. 8, 2001

Margaret Tan, “Creating the Digital Economy: Strategies and Perspectives from Singapore”, *International Journal of Electronic Commerce*, Vol. 3 No. 3, 1999

Richard A. Posner, “Values and Consequences: An Introduction to Economic Analysis of Law”, *John M. Olin Law & Economics Working Paper*, No. 53

Watson, Hugh J., “Tutorial: Big Data Analytics: Concepts, Technologies, and Applications”, *Communications of the Association for Information Systems*, Vol.34, Article 65, 2014

Research Results & Reports

Centre for Economics and Business Research Ltd., 2002, *Data equity: unlocking the value of big data*. CEBR, April 2012.
<http://www.sas.com/offices/europe/uk/downloads/dataequity-cebr.pdf>

Executive Office of the President of the United States, 2014, *Big Data: Seizing Opportunities, Preserving Values*, May 2014
https://obamawhitehouse.archives.gov/sites/default/files/docs/big_data_privacy_report_may_1_2014.pdf

European Data Protection Supervisor, *Report of workshop on Privacy, Consumers, Competition and Big Data*,
https://edps.europa.eu/sites/edp/files/publication/14-07-11_edps_report_workshop_big_data_en.pdf

Information Commissioner’s Office (ICO), *Big data, artificial intelligence, machine learning and data protection*, September 2017

<https://ico.org.uk/media/for-organisations/documents/2013559/big-data-ai-ml-and-data-protection.pdf>

Michael Mandel, Progressive Policy Institute, *The Economic Impact of Data: Why Data Is Not Like Oil*, July 2017 http://www.progressivepolicy.org/wp-content/uploads/2017/07/PowerofData-Report_2017.pdf

Oxford Economics, “The New Digital Economy: How It Will Transforms Business”, Oxford Economics Executive Summary, January 2013 <http://web.archive.org/web/20140706101452/www.myclouddoor.com/web/documents/The%20New%20Digital%20Economy.pdf>

International Working Group on Data Protection in Telecommunications, Working Paper on Big Data and Privacy, “Privacy principles under pressure in the age of Big Data analytics”, https://www.datenschutz-berlin.de/fileadmin/user_upload/pdf/publikationen/working-paper/2014/06052014_en.pdf

Online Reference

Allen & Overy, “Preparing for the General Data Protection Regulation” January 2018, <http://www.allenoverly.com/SiteCollectionDocuments/Radical%20changes%20to%20European%20data%20protection%20legislation.pdf>, accessed 28 November 2018

Allerin, “Top 5 Sources of Big Data”, <https://www.allerin.com/blog/top-5-sources-of-big-data>, accessed 17 September 2018

BBC, Facebook's Zuckerberg speaks out over Cambridge Analytica 'breach', <https://www.bbc.com/news/world-us-canada-43494337>, accessed 6 October 2018

BBC, “EU court backs ‘right to be forgotten’ in Google case”, <https://www.bbc.com/news/world-europe-27388289>, accessed 20 October 2018

Big Data Made Simple, “Data is the new oil of the Digital Economy”, <http://bigdata-madesimple.com/data-is-the-new-oil-of-the-digital-economy/>, accessed 21 August 2018

Cisco Blogs, “EU Welcomes Big Data Legislation”, <https://blogs.cisco.com/financialservices/eu-welcomes-big-data-legislation>, accessed 21 August 2018

CNBC Indonesia, “Ini Aturan Lengkap Inovasi Keuangan Digital”,
<https://www.cnbcindonesia.com/fintech/20180823190557-37-29934/ini-aturan-lengkap-inovasi-keuangan-digital>, accessed 3 October 2018

CNN Indonesia, “Bocorkan 1 Juta Data Pengguna, Facebook Hanya Ditegur Kominfo”
<https://www.cnnindonesia.com/teknologi/20180405203634-185-288679/bocorkan-1-juta-data-pengguna-facebook-hanya-ditegur-kominfo>,
accessed October 2018

Committee for Economic Development, “Big Data’s Economic Impact”,
<https://www.ced.org/blog/entry/big-datas-economic-impact> accessed 2 September 2018

Gizmodo, “Facebook, Please Tell Me Which One of My Dumbass Friends Did This”,
<https://gizmodo.com/facebook-please-tell-me-which-one-of-my-dumbass-friend-1825149552>, accessed 1 September 2018

Economic Development Board Singapore, “Unicorns rising in Indonesia”,
<https://www.edb.gov.sg/en/news-and-resources/insights/innovation/unicorns-rising-in-indonesia.html>, accessed 27 November 2018

European Commission, “What is the European Data Protection Board (EDPB)?”
https://ec.europa.eu/info/law/law-topic/data-protection/reform/rules-business-and-organisations/enforcement-and-sanctions/enforcement/what-european-data-protection-board-edpb_en, accessed 3 October 2018

Forbes, “The Most Practical Big Data Use Cases Of 2016”
<https://www.forbes.com/sites/bernardmarr/2016/08/25/the-most-practical-big-data-use-cases-of-2016/#8cdb04931625>, accessed 22 August 2018

Forbes, “Amazon Using AI, Big Data To Accelerate Profits”,
<https://www.forbes.com/sites/jonmarkman/2017/06/05/amazon-using-ai-big-data-to-accelerate-profits/#43e59b966d55>, accessed 2 October 2018

Forbes, “A Very Short History Of Big Data”,
<https://www.forbes.com/sites/gilpress/2013/05/09/a-very-short-history-of-big-data/#52a8071265a1>, accessed 18 September 2018

Forbes, “India Finally Has A Data Privacy Framework -- What Does It Mean For Its Billion-Dollar Tech Industry?”
<https://www.forbes.com/sites/sindhujabalaji/2018/08/03/india-finally-has-a-data-privacy-framework-what-does-it-mean-for-its-billion-dollar-tech-industry/#4ea07f1570fe>, accessed 28 September 2018

Forbes, “Starbucks: Using Big Data, Analytics And Artificial Intelligence To Boost Performance”

<https://www.forbes.com/sites/bernardmarr/2018/05/28/starbucks-using-big-data-analytics-and-artificial-intelligence-to-boost-performance/#2973434365cd>, accessed 4 October 2018

Go-Jek Blog, “How GO-JEK Empowers Culinary SMEs”, <https://medium.com/life-at-go-jek/how-go-jek-empowers-culinary-smes-3c36c211c744>, accessed 22 September 2018

Go-Jek Blog, “Go-Jek’s impact for Indonesia”, <https://blog.gojekengineering.com/gojeks-impact-for-indonesia-1d506d2146b1>, accessed 22 September 2018

Harvard Business Review, “What a Big Data Business Model Looks Like” <https://hbr.org/2012/12/what-a-big-data-business-model>, accessed 5 September 2018

Health Care IT News, “1.4 million patient records breached in UnityPoint Health phishing attack”, <https://www.healthcareitnews.com/news/14-million-patient-records-breached-unitypoint-health-phishing-attack>, accessed 18 October 2018

Health Care IT News, “The biggest healthcare data breaches of 2018 (so far)”, <https://www.healthcareitnews.com/projects/biggest-healthcare-data-breaches-2018-so-far>, accessed 18 October 2018

Ince & Co, “Enforcement of the GDPR”, <https://www.incelaw.com/en/knowledge-bank/enforcement-of-the-gdpr>, accessed 17 September 2018

Info Law Group, “GDPR: Getting Ready for the New EU General Data Protection Regulation”, <https://www.infolawgroup.com/2016/05/articles/gdpr/gdpr-getting-ready-for-the-new-eu-general-data-protection-regulation/>, accessed 17 September 2018

Information Week, “Big Data, Avoid ‘Wanna V’ confusion”, <https://www.informationweek.com/big-data/big-data-analytics/big-data-avoid-wanna-v-confusion/d/d-id/1111077>, accessed 11 November 2018

Ivey Business Journal, “Why Big Data is the new competitive advantage”, <https://iveybusinessjournal.com/publication/why-big-data-is-the-new-competitive-advantage/> accessed 28 August 2018

Katadata, “Kecurangan dalam Flash Sale Tokopedia Bisa Dipidana” <https://katadata.co.id/berita/2018/08/28/kecurangan-dalam-flash-sale-tokopedia-bisa-dipidana>, accessed 5 October 2018

Kompas, “Berapa Jumlah Pengguna Internet di Indonesia?”
<https://tekno.kompas.com/read/2018/02/22/16453177/berapa-jumlah-pengguna-internet-indonesia>, accessed 2 September 2018

Kompas, “Data 1 Juta Pengguna Facebook Indonesia Dicuri”,
<https://tekno.kompas.com/read/2018/04/05/10133697/data-1-juta-pengguna-facebook-indonesia-dicuri>, accessed 2 September 2018

Kompas, “UU Perlindungan Data Pribadi Belum Juga Disahkan, Ini Penghalangnya” <https://tekno.kompas.com/read/2018/04/10/09320237/uu-perlindungan-data-pribadi-belum-juga-disahkan-ini-penghalangnya>, accessed 1 October 2018

Kompas, “Tokopedia Dikabarkan Pecat Puluhan Karyawan Terkait Kecurangan Flash Sale” <https://tekno.kompas.com/read/2018/08/27/13324797/tokopedia-dikabarkan-pecat-puluhan-karyawan-terkait-kecurangan-flash-sale>, accessed 5 October 2018

Kontan, “OJK menerbitkan payung hukum keuangan digital”,
<https://keuangan.kontan.co.id/news/ojk-menerbitkan-payung-hukum-keuangan-digital>, accessed 6 October 2018

Kumparan, “Big Data Bikin Go-Jek Bisa Ketahui Kebiasaan Pengguna”,
<https://kumparan.com/@kumparantech/big-data-bikin-go-jek-bisa-ketahui-kebiasaan-pengguna>, accessed 28 August 2018

Liputan 6, “Soal UU Perlindungan Data Pribadi, Indonesia dinilai lamban”,
<https://www.liputan6.com/tekno/read/3142929/soal-uu-perlindungan-data-pribadi-indonesia-dinilai-lamban>, accessed 30 September 2018

Hukum Online, “Data Pribadi dan Dua Dasar Legalitas Pemanfaatannya Oleh: Daniar Supriyadi”
<http://www.hukumonline.com/berita/baca/lt59cb4b3feba88/data-pribadi-dan-dua-dasar-legalitas-pemanfaatannya-oleh--daniar-supriyadi> accessed 22 August 2018

Hukum Online, “Pentingnya Digagas UU Perlindungan Data Pribadi”,
<https://www.hukumonline.com/berita/baca/lt5aa121e363f75/pentingnya-digagas-uu-perlindungan-data-pribadi>, accessed 2 October 2018

Medium, “How Big Data Is Empowering AI and Machine Learning?”,
<https://hackernoon.com/how-big-data-is-empowering-ai-and-machine-learning-4e93a1004c8f>, accessed 20 October 2018

Meta Group, “3D Data Management: Controlling data volume, velocity, and variety”, <https://blogs.gartner.com/doug-laney/files/2012/01/ad949-3D-Data->

[Management-Controlling-Data-Volume-Velocity-and-Variety.pdf](#), accessed 10 September 2018

O'Reilly, "What is big data? An introduction to big data landscape", <https://www.oreilly.com/ideas/what-is-big-data>, accessed 28 November 2018

Rasmussen College, "Six Big Data Jobs That Are in Big Demand" <http://www.rasmussen.edu/degrees/technology/blog/big-data-jobs-in-big-demand/>, accessed 5 September 2018

Reuters, "Indonesia expects to have more than 5 unicorns by 2019: Minister", <https://www.reuters.com/article/us-indonesia-startups/indonesia-expects-to-have-more-than-5-unicorns-by-2019-minister-idUSKCN1G310J>, accessed 27 November 2018

SAS, "Analytics, What it is and why it matters", https://www.sas.com/en_id/insights/analytics/what-is-analytics.html, accessed 20 November 2018

Tempo, "Rudiantara: UU Perlindungan Data Pribadi Masuk Prolegnas 2018", <https://bisnis.tempo.co/read/1086562/rudiantara-uu-perlindungan-data-pribadi-masuk-prolegnas-2018>

The Guardian, "Leaked: Cambridge Analytica's blueprint for Trump victory" <https://www.theguardian.com/uk-news/2018/mar/23/leaked-cambridge-analyticas-blueprint-for-trump-victory>, accessed 24 August 2018

The Guardian, "India goes from village to village to compile world's biggest ID database". <https://www.theguardian.com/world/2016/jun/28/india-village-compile-worlds-biggest-id-database-aadhaar>, accessed 19 September 2018

The Guardian, "Revealed: 50 million Facebook profiles harvested for Cambridge Analytica in major data breach", <https://www.theguardian.com/news/2018/mar/17/cambridge-analytica-facebook-influence-us-election>, accessed 7 October 2018

The Mercury News, "What data does your iOS app collect, and why?" <https://www.mercurynews.com/2018/04/19/what-data-does-your-ios-app-collect-and-why/>, accessed 7 October 2018

The Economic Times, "Justice BN Srikrishna to head Committee for data protection framework", <https://economictimes.indiatimes.com/news/politics-and-nation/justice-bn-srikrishna-to-head-committee-for-data-protection-framework/articleshow/59866006.cms>, accessed 3 October 2018

The New Yorker, “Life Inside SCL, Cambridge Analytica’s Parent Company”, <https://www.newyorker.com/news/letter-from-the-uk/life-inside-scl-cambridge-analyticas-parent-company>, accessed 28 August 2018

Tirto, “Metode Fraud yang Digunakan dalam Kasus Flash Sale Tokopedia” <https://tirto.id/metode-fraud-yang-digunakan-dalam-kasus-flash-sale-tokopedia-cVpY>, accessed 6 October 2018

Tirto, “Langkah Kominfo Soal Data 1 Juta Pengguna Facebook Indonesia Bocor”, <https://tirto.id/langkah-kominfo-soal-data-1-juta-pengguna-facebook-indonesia-bocor-cHie>, accessed 7 October 2018

Times of India, “Beyond consent: With personal data adding up to big data, ownership must rest with citizens”, <https://blogs.timesofindia.indiatimes.com/toi-editorials/beyond-consent-with-personal-data-adding-up-to-big-data-ownership-must-rest-with-citizens/>, accessed 28 September 2018

Tokopedia Blog, “Kemerdekaan yang Diciptakan Tokopedia Selama 9 tahun”, <https://www.tokopedia.com/blog/press-release-ulang-tahun-ke-9-tokopedia/>, accessed 22 September 2018

Quartz, “The Cambridge Analytica scandal affected nearly 40 million more people than we thought”, <https://qz.com/1245049/the-cambridge-analytica-scandal-affected-87-million-people-facebook-says/>, accessed 2 October 2018

Villanova University, “What is Big Data”, <https://www.villanovau.com/resources/bi/what-is-big-data/#.W-fjC3ozbOR>, accessed 11 November 2018

Viva, “Tanpa Aturan Perlindungan Data Pribadi, RI Sangat Terlambat”, <https://www.viva.co.id/digital/digilife/1042777-apa-kabar-aturan-perlindungan-data-pribadi-di-indonesia?medium=autonext>, accessed 1 October 2018

WIRED, “Cambridge Analytica Shuts Down All Offices Amid Ongoing Facebook Crisis”, <https://www.wired.com/story/cambridge-analytica-shuts-down-offices-facebook-crisis/>, accessed 8 September 2018

WIRED, “How Yahoo Spawned Hadoop, the Future of Big Data”, <https://www.wired.com/2011/10/how-yahoo-spawned-hadoop/>, accessed 16 September 2018

WIRED, “How Social Security Rescued IBM From Death by Depression”, <https://www.wired.com/2012/06/how-social-security-saved-ibm/> (Accessed 10 September 2018)

Law

1945 Indonesia Constitution

European Union General Data Protection Regulation

Law No. 19/2016 jo. Law No. 11/2008 on Electronic information and Transaction

Elucidation of Law No. 19/2016 jo. Law No. 11/2008 on Electronic information
and Transaction

Ministerial Regulation of Communication & Informatics No. 20/2016 on
Protection of Private Data in Electronic System

Financial Service Authority Regulation No. 13/2018 on Digital Financial
Innovation