

MN3515 Business Data Analytics

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Agrawal, R., Imieliński, T., & Swami, A. (1993). Mining Association Rules Between Sets of Items in Large Databases. *ACM SIGMOD Record*, 22(2), 207–216.

<https://doi.org/10.1145/170035.170072>

Ashenfelter, O., Ashmore, D., & Lalonde, R. (n.d.). Bordeaux Wine Vintage Quality and the Weather. <http://www.liquidasset.com/orley.htm>

Berlinger, E., Illés, F., Badics, M., Banai, Á., Daróczy, G., Dömötör, B., Gabler, G., Havran, D., Juhász, P., Margitai, I., Márkus, B., Medvegyev, P., Molnár, J., Árpád Szűcs, B., Tuza, Á., Vadász, T., Váradi, K., & Vidovics-Dancs, Á. (2015). *Mastering R for Quantitative Finance*. Packt Publishing.

<https://www.safaribooksonline.com/library/view/mastering-r-for/9781783552078/>

Bertolucci, J. (2014, September 17). Data Scientists Want Big Data Ethics Standards | *InformationWeek*.

<http://www.informationweek.com/big-data/big-data-analytics/data-scientists-want-big-data-ethics-standards/d/d-id/1315798>

Best, J. (2013, September 9). IBM Watson: The Inside Story of How the Jeopardy-Winning Supercomputer Was Born, and What It Wants to Do Next | *TechRepublic*.

<http://www.techrepublic.com/article/ibm-watson-the-inside-story-of-how-the-jeopardy-winning-supercomputer-was-born-and-what-it-wants-to-do-next/>

Brynjolfsson, E. (2011). Strength in Numbers: How Does Data-Driven Decisionmaking Affect Firm Performance? *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.1819486>

Buytendijk, F., & Heiser, J. (2013). Confronting the Privacy and Ethical Risks of Big Data. *Financial Times*. <https://www.ft.com/content/105e30a4-2549-11e3-b349-00144feab7de>

Chapman, P. (2000). *CRISP-DM 1.0: Step-by-Step Data Mining Guide*. SPSS.

<https://the-modeling-agency.com/crisp-dm.pdf>

Cukier, K. N., & Mayer-Schoenberger, V. (2013). Why Big Data Is on the Rise | *Foreign Affairs*. <https://www.foreignaffairs.com/articles/2013-04-03/rise-big-data>

Dallaway, E. (2015a). Ten Data-Driven Sporting Victories - Part One | *Technology*. *The Guardian*.

<http://www.theguardian.com/technology/2015/mar/16/ten-data-driven-sporting-victories-part-one>

Dallaway, E. (2015b). Ten Data-Driven Sporting Victories - Part Two | *Technology*. *The*

Guardian.

<http://www.theguardian.com/technology/2015/mar/16/ten-data-driven-sporting-victories-part-two>

Daróczi, G., Vidovics-Dancs, A., Havran, D., Berlinger, E., Michaletzky, M., Puhle, M., Csóka, P., Váradi, K., & Tulassay, Z. (2013). Introduction to R for Quantitative Finance. Packt Publishing.

<https://www.safaribooksonline.com/library/view/introduction-to-r/9781783280933/>

Datasets for Data Mining and Data Science. (n.d.).

<http://www.kdnuggets.com/datasets/index.html>

Davenport, T. (2007). The Dark Side of Customer Analytics. Harvard Business Review.

<http://search.ebscohost.com/login.aspx?direct=true&db=bth&AN=24635693&site=ehost-live>

de Bree, T. (n.d.). 8 Questions Every Business Analyst Should Ask | Modern Analyst.

<http://www.modernanalyst.com/Resources/Articles/tabid/115/ID/179/8-Questions-Every-Business-Analyst-Should-Ask.aspx>

DeAsi, G. (n.d.). How to Use Customer Behavior Data to Drive Revenue (Like Amazon, Netflix & Google) | Pointillist.

<https://web.archive.org/web/20221020180045/https://www.pointillist.com/blog/customer-behavior-data/>

Decision Support Systems Resources | DSSResources. (n.d.). <http://dssresources.com/>

Deloitte and IBM, We're Facing a Huge UK Digital Skills Gap - Infographic | Ignite. (n.d.).

<https://www.ignite.digital/uk-digital-skills-gap-infographic/>

Egger, D. (n.d.). Business Metrics for Data-Driven Companies: 20-Item Checklist | Onyx Reporting.

<https://web.archive.org/web/20210119104435/http://www.onyxreporting.com/uploads/4/0/8/5/40851971/20itemchecklist.pdf>

Fayyad, U., Piatetsky-Shapiro, G., & Smyth, P. (1996). The KDD Process for Extracting Useful Knowledge From Volumes of Data (Knowledge Discovery in Databases).

Communications of the ACM, 39(11), 27–34. <https://doi.org/10.1145/240455.240464>

Gerber, A. S., Green, D. P., & Larimer, C. W. (2008). Social Pressure and Voter Turnout: Evidence from a Large-Scale Field Experiment. The American Political Science Review, 102(1), 33–48. <https://www.jstor.org/stable/27644496>

Go, A., Bhayani, R., & Huang, L. (n.d.). Twitter Sentiment Classification using Distant Supervision.

<http://cs.stanford.edu/people/alecmgo/papers/TwitterDistantSupervision09.pdf>

Goldfarb, A., & Tucker, C. E. (2011). Privacy Regulation and Online Advertising.

Management Science, 57(1), 57–71. <https://doi.org/10.1287/mnsc.1100.1246>

Goodwin, K. (2013, January 8). A Stakeholder Interview Checklist | Boxes and Arrows.

<http://boxesandarrows.com/a-stakeholder-interview-checklist/>

- Grace-Martin, K. (n.d.). Seven Ways to Make up Data: Common Methods to Imputing Missing Data | The Analysis Factor.
<https://www.theanalysisfactor.com/seven-ways-to-make-up-data-common-methods-to-imputing-missing-data/>
- Hahsler, M., Grun, B., Hornik, K., & Buchta, C. (n.d.). Introduction to Arules – A Computational Environment for Mining Association Rules and Frequent Item Sets.
<https://cran.r-project.org/web/packages/arules/vignettes/arules.pdf>
- Hays, C. L. (2004). What Wal-Mart Knows About Customers' Habits. The New York Times.
http://www.nytimes.com/2004/11/14/business/yourmoney/what-walmart-knows-about-customers-habits.html?_r=1
- Hetherington, R. (2015). Preventing Customer Churn With Better Data Analytics.
<https://www.digitalistmag.com/industries/banking/2015/06/23/preventing-customer-churn-with-better-data-analytics-3-02974982>
- How to Become a Data Scientist (Part 1/3) – Towards Data Science A Medium. (n.d.).
https://medium.com/towards-data-science/how-to-become-a-data-scientist-part-1-3-8706a62b809e?imm_mid=0f59d0&cmp=em-data-na-na-newsltr_20170823
- How to Use Customer Behavior Data to Drive Revenue (Like Amazon, Netflix & Google). (n.d.). <https://www.pointillist.com/blog/customer-behavior-data/>
- How to Use read.csv() to Import Data in R. (n.d.).
<http://www.dummies.com/programming/r/how-to-use-read-csv-to-import-data-in-r/>
- Hype Cycle for Business Intelligence and Analytics, 2016. (n.d.).
<https://www.gartner.com/document/code/290879?ref=grbody&refval=3574217>
- Hype Cycle for Data Science, 2016. (n.d.).
<https://www.gartner.com/document/code/303293?ref=grbody&refval=3574217>
- IBM Big Data and Analytics - Case Studies - United Kingdom. (2015). IBM Corporation.
<https://web.archive.org/web/20150221100253/http://www.ibm.com/big-data/uk/en/big-data-and-analytics/case-studies.html>
- IBM Cognos Analytics on Cloud - United Kingdom. (n.d.).
<https://web.archive.org/web/20210604092138/https://www.ibm.com/uk-en/products/cognos-analytics>
- IBM's Watson Computer Plays Jeopardy!!! | YouTube. (2013).
<https://www.youtube.com/watch?v=P18EdAKuC1U>
- ITScore for BI and Analytics. (n.d.).
<https://www.gartner.com/document/code/314086?ref=grbody&refval=3574217>
- Jain, D., & Gautam, S. (n.d.). Implementation of Apriori Algorithm in Health Care Sector: A Survey. International Journal of Computer Science and Communication Engineering, 2(4), 26-32.
- Jeet, P., & Vats, P. (2017). Learning Quantitative Finance with R. Packt Publishing.

<https://www.safaribooksonline.com/library/view/learning-quantitative-finance/9781786462411/>

Kenny, G. (2014). Five Questions to Identify Key Stakeholders. Harvard Business Review. <https://hbr.org/2014/03/five-questions-to-identify-key-stakeholders>

Lee, L., & Pang, B. (n.d.). Opinion Mining and Sentiment Analysis [open access]. Foundations and Trends in Information Retrieval, 2(1-2), 1-135. <http://www.cs.cornell.edu/home/llee/omsa/omsa.pdf>

Lehmann, J., & Joseph, S. (2009). Biochar for Environmental Management: Science and Technology. Earthscan.

Lewis, M. (2004a). Moneyball: The Art of Winning an Unfair Game. W.W. Norton & Company.

Lewis, M. (2004b). Moneyball: The Art of Winning an Unfair Game. W.W. Norton & Company.

Manyika, J., Chui, M., Brown, B., Bughin, J., Dobbs, R., Roxburgh, C., & Byers, A. H. (2011, May 1). Big Data: The Next Frontier for Innovation, Competition, and Productivity | McKinsey & Company. <https://web.archive.org/web/20200606014002/https://www.mckinsey.com/business-functions/mckinsey-digital/our-insights/big-data-the-next-frontier-for-innovation>

Mason, H. (2010, September 25). A Taxonomy of Data Science | Dataists. <https://web.archive.org/web/20210728133552/http://www.dataists.com/2010/09/a-taxonomy-of-data-science/>

Miller, B. (2011). Moneyball. Columbia Pictures.

Moro, S., Cortez, P., & Rita, P. (2014). A Data-Driven Approach to Predict the Success of Bank Telemarketing. Decision Support Systems, 62, 22-31. <https://doi.org/10.1016/j.dss.2014.03.001>

Pious, K. (2013, June 20). Interacting With Stakeholders as a Business Analyst: Who Are You Dealing With? | Captech Consulting. <https://web.archive.org/web/20151015043859/https://www.captechconsulting.com/blogs/interacting-with-stakeholders-as-a-business-analyst-who-are-you-dealing-with>

Provost, F., & Fawcett, T. (2013a). Data Science for Business. O'Reilly. <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1323973>

Provost, F., & Fawcett, T. (2013b). Data Science for Business. O'Reilly.

Provost, F., & Fawcett, T. (2013c). Data Science for Business. O'Reilly. <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1323973>

Provost, F., & Fawcett, T. (2013d). Data Science for Business. O'Reilly.

Provost, F., & Fawcett, T. (2013e). Data Science for Business. O'Reilly. <https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1323973>

- Provost, F., & Fawcett, T. (2013f). Data Science for Business. O'Reilly.
- Provost, F., & Fawcett, T. (2013g). Data Science for Business. O'Reilly.
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1323973>
- Provost, F., & Fawcett, T. (2013h). Data Science for Business. O'Reilly.
- Provost, F., & Fawcett, T. (2013i). Data Science for Business. O'Reilly.
- Provost, F., & Fawcett, T. (2013j). Data Science for Business. O'Reilly.
- Provost, F., & Fawcett, T. (2013k). Data Science for Business. O'Reilly.
- Provost, F., & Fawcett, T. (2013l). Data Science for Business. O'Reilly.
- Sharda, R. (2014a). Business Intelligence: A Managerial Perspective on Analytics (3rd Edition). Pearson.
- Sharda, R. (2014b). Business Intelligence: A Managerial Perspective on Analytics (3rd Edition). Pearson.
- Sharda, R., Delen, D., & Turban, E. (2014). Business Intelligence: A Managerial Perspective on Analytics (3rd Edition). Pearson.
- Sharma, A. S. (2013, March 5). Stakeholder Analysis and Management | ExpertBA.
<https://web.archive.org/web/20161028033209/http://expertbusinessanalyst.com/stakeholder-analysis-and-management/>
- Sherman, R. (2014). Business Intelligence Guidebook: From Data Integration to Analytics. Morgan Kaufmann.
- Sherman, R. (2015). Business Intelligence Guidebook: From Data Integration to Analytics. Elsevier/Morgan Kaufmann.
<https://ebookcentral.proquest.com/lib/rhul/detail.action?docID=1832704>
- SIGKDD. (n.d.). <http://kdd.org/>
- TDWI | Advancing All Things Data | Business Intelligence, Data Warehousing, Analytics | Education & Research. (n.d.). <https://tdwi.org/Home.aspx>
- Teradata University Network. (n.d.). <http://www.teradatauniversitynetwork.com/>
- The Case for Data Ethics | Accenture Outlook. (n.d.).
<https://www.accenture.com/gb-en/insight-outlook-case-data-ethics>
- Top 10 Strategic Technology Trends for 2017: Artificial Intelligence and Advanced Machine Learning. (n.d.).
<https://www.gartner.com/document/code/319573?ref=grbody&refval=3645332>
- UCI Machine Learning Repository: Data Sets. (n.d.).
<https://archive.ics.uci.edu/ml/datasets.php>

UK Government Statistics. (n.d.). <https://www.gov.uk/government/statistics>

U.S. Data and Statistics | USA.gov. (n.d.). <https://www.usa.gov/statistics>

Watson and the Jeopardy! Challenge. (2014).
https://www.youtube.com/watch?v=_Xcmh1LQB9I

Webinars and Videos On Demand. (n.d.).
https://www.rstudio.com/resources/webinars/?mkt_tok=eyJpLjoiWVdNNFltTXlaREUxWIRVMylsInQiOiJlZ0NHNklzc0tPTTNldzFmaHNFaU5YOGJFcEVSZU81NWpxYThOb0ZFZGVIWjFaSTc1cFFtZzQ0cWxNbU9MMW1seFFKSGZ2aXFjZ1pSRGs5UFRnYkt2Wko1a1lclzNcL1hFblZxRkdOWXpGTVF3PSJ9

Welcome! | Score a Hit! (n.d.).
<https://web.archive.org/web/20160704080559/http://www.scoreahit.com/>

Wick, A. (2012, October 1). Six Effective Elicitation Questions to Ask Your Stakeholders | BA Times.
<http://www.batimes.com/articles/six-effective-elicitation-questions-to-ask-your-stakeholders.html>

Zhang, C., & Zhang, S. (n.d.). Association Rule Mining. Springer Berlin Heidelberg.

Zumel, N., & Mount, J. (2014a). Practical Data Science With R. Manning.
<https://www.safaribooksonline.com/library/view/-/9781617291562/?ar>

Zumel, N., & Mount, J. (2014b). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014c). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014d). Practical Data Science With R. Manning.
<https://www.safaribooksonline.com/library/view/-/9781617291562/?ar>

Zumel, N., & Mount, J. (2014e). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014f). Practical Data Science With R. Manning.
<https://www.safaribooksonline.com/library/view/-/9781617291562/?ar>

Zumel, N., & Mount, J. (2014g). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014h). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014i). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014j). Practical Data Science With R. Manning Publications Co.

Zumel, N., & Mount, J. (2014k). Practical Data Science With R. Manning Publications Co.