- 0xdata. *H2O*, 10:27:59. https://github.com/0xdata/h2o.
- 3 Round Stones. Callimachus, 21:58:48. http://callimachusproject.org/.
- 451 Research. "Database Landscape Map," n.d.
 - http://blogs.the451group.com/information_management/files/2013/02/db_Map_2_13.jpg.
- Abadi, Daniel. "Classifying the SQL-on-Hadoop Solutions." *Hadapt*. Accessed October 17, 2013. http://hadapt.com/blog/2013/10/02/classifying-the-sql-on-hadoop-solutions/.
- Abelson, Harold. *Structure and Interpretation of Computer Programs*. 2nd ed. Cambridge, Mass.: New York: MIT Press; McGraw-Hill, 1996.
- Abouzeid, Azza, Kamil Bajda-Pawlikowski, Daniel J. Abadi, and Avi Silberschatz. *HadoopDB*. Accessed October 17, 2013. http://sourceforge.net/projects/hadoopdb/.
- Abu-Mostafa, Yaser S, Magdon-Ismail, and Hsuan-Tien Lin. *Learning from Data: a Short Course*. [United States]: AMLBook.com, 2012.
- Agarwal, Rohit. "Sparse Matrix Multiplication Using SQL," 23:48:56.
 - http://notes.mindprince.in/2013/06/07/sparse-matrix-multiplication-using-sql.html.
- Agarwal, Sameer, and AMPLab at UC Berkeley. *BlinkDB*. Accessed October 20, 2013. https://github.com/sameeragarwal/blinkdb.
- Agarwal, Sameer, Anand P. Iyer, Aurojit Panda, Samuel Madden, Barzan Mozafari, and Ion Stoica. "Blink and It's Done: Interactive Queries on Very Large Data." *Proceedings of the VLDB Endowment* 5, no. 12 (2012): 1902–1905.
- AGBeat. "Visualizing the Differences Between UX and UI," 23:24:08. http://agbeat.com/tech-news/visualizing-the-differences-between-ux-and-ui/.
- Agrawal, Ritesh. "On Writing Python UDF for Pig: A Perspective." *Memento*, 20:29:41. http://ragrawal.wordpress.com/2013/02/24/on-writing-python-udf-for-pig-a-perspective/.
- Airbnb. *Chronos*, 06:48:36. https://github.com/airbnb/chronos.
- Alag, Satnam. *Collective Intelligence in Action*. Greenwich, Conn.: Manning, 2008. AlchemyAPI. *AlchemyAPI*, 12:42:42. http://www.alchemyapi.com/.
- Alves Alexandre Llevel Williams and Bobin I. Smith "An Overvi
- Alves, Alexandre, Lloyd Williams, and Robin J. Smith. "An Overview of Complex Event Processing," n.d. http://www.packtpub.com/article/overview-complex-event-processing.
- Amazon Web Services. *Amazon DynamoDB*, 10:25:15. http://aws.amazon.com/dynamodb/.
- ——. Amazon Elastic MapReduce (EMR), n.d. http://aws.amazon.com/elasticmapreduce/.
- . Amazon Redshift. Amazon Web Services, Inc., 12:44:29.
- http://aws.amazon.com/redshift/.
- - https://github.com/AmazonEMR/bootstrap.actions.
- -----. *EMR Sample Apps*. Accessed October 17, 2013. https://github.com/AmazonEMR/sample.apps.
- AMPLab at UC Berkeley. *GraphX*. Accessed October 20, 2013.
 - https://github.com/amplab/graphx.
- . *MLbase*. Accessed October 20, 2013. http://www.mlbase.org/.
- ———. *Shark*, 08:52:11. https://github.com/amplab/shark.
- ——. *Tachyon*. Accessed October 20, 2013. https://github.com/amplab/tachyon.
- Anand, Sid. "LinkedIn's Segmentation & Targeting Platform." Business & Mgmt, June 26, 2013.
 - http://www.slideshare.net/r39132/linkedins-segmentation-targeting-platform?ref=http://eventifier.co/event/hadoopsummit2013/slides.

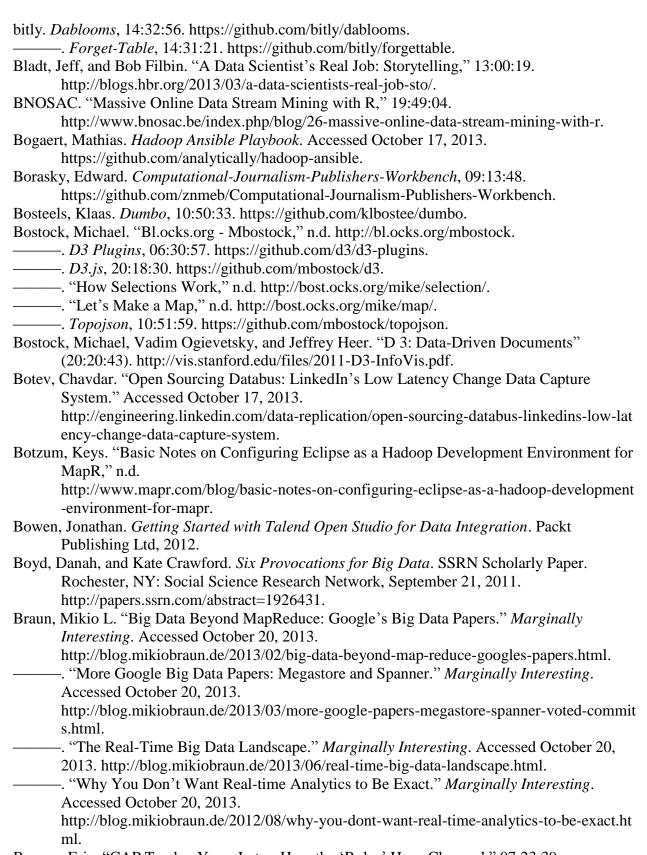
Anderson, Jesse. "How-to: Use Eclipse with MapReduce in Cloudera's QuickStart VM," n.d. http://blog.cloudera.com/blog/2013/08/how-to-use-eclipse-with-mapreduce-in-clouderasquickstart-vm/.

Anil, Robin, Ted Dunning, and Ellen Friedman. Mahout in Action. Manning Publications

Company, 2011.
Apache Software Foundation. <i>Apache Accumulo</i> . Accessed October 20, 2013.
http://accumulo.apache.org/.
———. Apache Ambari, 21:46:13. http://incubator.apache.org/ambari/.
——. Apache Avro, 10:14:10. http://avro.apache.org/.
———. Apache Cassandra, 14:08:44. http://cassandra.apache.org/.
——. Apache Crunch, 21:17:56. http://crunch.apache.org/.
——. Apache Drill, 14:23:49. http://incubator.apache.org/drill/.
——. Apache Falcon, 10:17:04. http://falcon.incubator.apache.org/.
——. Apache Flume, n.d. http://flume.apache.org/.
——. Apache Giraph, 21:38:50. http://giraph.apache.org/.
——. Apache Hadoop, 14:09:18. http://hadoop.apache.org/.
———. <i>Apache Hadoop YARN</i> , 09:39:12.
http://hadoop.apache.org/docs/current/hadoop-yarn/hadoop-yarn-site/YARN.html.
———. Apache HBase, 21:25:16. http://hbase.apache.org/.
Apache Hive, n.d. http://hive.apache.org/.
———. Apache Kafka, n.d. http://kafka.apache.org.
——. Apache Lucene, 09:15:57. http://lucene.apache.org/.
———. Apache Mahout, 09:12:48. http://mahout.apache.org/.
———. Apache Mesos, n.d. http://mesos.apache.org/.
——. Apache Nutch. Accessed October 14, 2013. http://nutch.apache.org/.
——. Apache Oozie, 09:13:35. http://oozie.apache.org/.
———. Apache Pig, 20:37:09. http://pig.apache.org/.
———. <i>Apache S4</i> , n.d. http://incubator.apache.org/s4/.
——. Apache Samza, 10:42:52. http://samza.incubator.apache.org/.
——. Apache Solr, 09:15:23. http://lucene.apache.org/solr/.
———. Apache Spark, n.d. http://spark-project.org/.
———. Apache Sqoop, n.d. http://sqoop.apache.org/.
———. Apache Tez, 09:37:54. http://tez.incubator.apache.org/.
<i>Apache Thrift</i> , 11:45:38. http://thrift.apache.org/.
——. Apache ZooKeeper, 09:14:27. http://zookeeper.apache.org/.
"SolrEcosystem," 23:05:31. http://wiki.apache.org/solr/SolrEcosystem.
"The Apache HBase Reference Guide," 21:20:48.
http://hbase.apache.org/book/book.html.
Apt, Krzysztof R., Evangelos Markakis, and Sunil Simon. Paradoxes in Social Networks with
Multiple Products. ArXiv e-print, January 31, 2013. http://arxiv.org/abs/1301.7592.
Archive Team. "The WARC Ecosystem." Accessed October 14, 2013.
http://www.archiveteam.org/index.php?title=The_WARC_Ecosystem.
Armstrong, Joe. "Solving the Wrong Problem," n.d.
http://joearms.github.com/2013/03/28/solving-the-wrong-problem.html.
Arthur, David. "Pig and HBase with LucidWorks Big Data," 20:07:13.

http://info.lucidworks.com/blog/bid/272738/Pig-and-HBase-with-LucidWorks-Big-Data.

- Atbrox. *Atbr*, 21:56:09. https://github.com/atbrox/atbr.
- Auradkar, Aditya, Chavdar Botev, Shirshanka Das, Dave De Maagd, Alex Feinberg, Phanindra Ganti, Lei Gao, Bhaskar Ghosh, Kishore Gopalakrishna, and Brendan Harris. "Data Infrastructure at LinkedIn." In *Data Engineering (ICDE)*, 2012 IEEE 28th International Conference On, 1370–1381, 2012. http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6228206.
- Aurelius. Faunus, 14:25:07. https://github.com/thinkaurelius/faunus.
- . *Titan*, 14:24:57. https://github.com/thinkaurelius/titan.
- Automic (UC4). ONE Automation, n.d. http://automic.com/the-automation-engine/.
- Bahmani, Bahman. "Sketching Techniques for Real-time Big Data." 00:19:56. http://strataconf.com/strata2013/public/schedule/detail/27311.
- Ballabio, Luigi. *QuantLib*, 21:03:53. https://github.com/lballabio/quantlib.
- ———. *QuantLib-Python*, 17:44:29. https://pypi.python.org/pypi/QuantLib-Python.
- Barber, David. *Bayesian Reasoning and Machine Learning*. Cambridge; New York: Cambridge University Press, 2011.
- Barlow, Mike. *The Culture of Big Data*. O'Reilly Media, October 8, 2013. http://oreilly.com/data/culture-of-big-data.csp.
- Bartlett, Randy. A Practitioner's Guide to Business Analytics: Using Data Analysis Tools to Improve Your Organization's Decision Making and Strategy. New York: McGraw-Hill, 2013.
- Bauer, Stefan. *Getting Started With Amazon Redshift*. Packt Publishing, 2013. http://www.myilibrary.com?id=498652.
- Bayer, Judy, and Marie Taillard. "Data Analysis Should Be a Social Event." *Harvard Business Review*, 07:33:18. http://blogs.hbr.org/2013/04/data-analysis-should-be-a-soci/.
- Beazley, David M. Python Cookbook. Beijing: O'Reilly, 2013.
- ———. *Python Essential Reference*. 4th ed. Developer's Library. Upper Saddle River, NJ: Addison-Wesley, 2009.
- Beckett, Dave. *Redland RDF Libraries*, n.d. http://librdf.org/.
- Bejeck, Bill. *Getting Started with Google Guava Write Better, More Efficient Java, and Have Fun Doing So.* Olton Birmingham [England]: Packt Pub. Ltd., 2013. http://site.ebrary.com/id/10747042.
- Bergstein, Brian. "Review: The Problem with Our Data Obsession." *MIT Technology Review*, 22:49:47.
 - http://www.technologyreview.com/review/511176/the-problem-with-our-data-obsession/.
- Bhattacharya, Dibyendu. "Using Coprocessors to Index Columns in an Elasticsea..." Technology, August 2, 2013.
 - http://www.slideshare.net/cloudera/hbasecon-2013-apache-hadoop-and-apache-hbase-for-real time-video-analytics.
- Biddulph, Matt. *Pig RedisStorer*, 10:31:28. https://github.com/mattb/pig-redis.
- Binns, Aaron. "Web Analytics with Hadoop and Pig." n.d.
 - http://infolab.stanford.edu/wac/aaronBinnsTalk2012/index.html#slide1.
- Bird, Steven. *Natural Language Processing with Python*. 1st ed. Beijing; Cambridge [Mass.]: O'Reilly, 2009.
- ——. *NLTK*, n.d. http://nltk.org/.
- Bishop, Christopher M. *Pattern Recognition and Machine Learning*. New York, NY: Springer, 2009.



Brewer, Eric. "CAP Twelve Years Later: How the 'Rules' Have Changed," 07:23:39.

- http://www.infoq.com/articles/cap-twelve-years-later-how-the-rules-have-changed.
- Britcher, Robert N. *The Limits of Software: People, Projects, and Perspectives*. Reading, Mass.: Addison-Wesley, 1999.
- Brown, Aaron. *Red-blooded Risk: The Secret History of Wall Street*. Hoboken, N.J. Wiley, 2012. Bryer, Jason. *Sqlutils*, 19:11:04. https://github.com/jbryer/sqlutils.
- Bumgarner, Vincent. *Implementing Splunk: Big Data Reporting and Development for Operational Intelligence*. Birmingham: Packt Pub., 2013.
- Busch, Michael, Krishna Gade, Brian Larson, Patrick Lok, Samuel Luckenbill, and Jimmy Lin. "Earlybird: Real-time Search at Twitter." In *Data Engineering (ICDE), 2012 IEEE 28th International Conference On*, 1360–1369, 2012. http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6228205.
- Cairo, Alberto. The Functional Art: An Introduction to Information Graphics and Visualization, 2013.
- Canny, John, and Huasha Zhao. "Big Data Analytics with Small Footprint: Squaring the Cloud." In *Proceedings of the 19th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, 95–103, 2013. http://dl.acm.org/citation.cfm?id=2487677.
- Capriolo, Edward. *Cassandra High Performance Cookbook*. Birmingham, UK: Packt Pub., 2011. http://proquest.safaribooksonline.com/?fpi=9781849515122.
- ———. *Clojure Data Analysis Cookbook*. [S.l.]: Packt Publishing Limited, 2013. http://lib.myilibrary.com?id=475335.
- Capriolo, Edward, Dean Wampler, and Jason Rutherglen. *Programming Hive*. Sebastopol, CA: O'Reilly & Associates, 2012.
- Carlsson, Gunnar. "Topology and Data." *Bulletin of the American Mathematical Society* 46, no. 2 (2009): 255–308.
- Cataldo, Adam. "Quick Deploy: a Distributed Systems Approach to Developer Productivity." Accessed October 17, 2013. http://engineering.linkedin.com/developer-productivity/quick-deploy-distributed-systems -approach-developer-productivity.
- Chang, Winston. *R Graphics Cookbook*. Sebastopol, CA: O'Reilly Media, 2012. http://proquest.safaribooksonline.com/?fpi=9781449363086.
- Chinchilla, Carlos. *Tales*, 22:00:25. https://github.com/calufa/tales-core.
- Ching, Avery. "Scaling Apache Giraph to a Trillion Edges," n.d. https://www.facebook.com/notes/facebook-engineering/scaling-apache-giraph-to-a-trillio n-edges/10151617006153920.
- Chu-Carroll, Mark C. Good Math: a Geek's Guide to the Beauty of Numbers, Logic, and Computation. Dallas, TX: Pragmatic Programmers, 2013.
- Citus Data. CitusDB, 21:51:57. http://www.citusdata.com/downloads.
- Clarke, Daoud. *Seven Steps to Success: Machine Learning in Practice*, n.d. http://daoudclarke.github.io/guide.pdf.
- Clayton, Rich. "Why Business Leaders Must Master Data And Analytics." *Forbes*, 11:19:55. http://www.forbes.com/sites/oracle/2013/04/22/why-business-leaders-must-master-data-and-analytics/.
- Clegg, Andrew. "Pig-data-mining-talk." 20:33:09. https://github.com/andrewclegg/pig-data-mining-talk.
- Cloudera. Cloudera ML. Accessed October 20, 2013. https://github.com/cloudera/ml.
- . HTrace, 12:52:47. https://github.com/cloudera/htrace.

```
———. Hue, 16:36:31. https://github.com/cloudera/hue.
      -. Impala, 09:02:47.
      http://www.cloudera.com/content/cloudera/en/products/cdh/impala.html.
      -. RecordBreaker, n.d. http://cloudera.github.com/RecordBreaker/.
Collie, Rob. DAX Formulas for PowerPivot. Uniontown, Ohio: Holy Macro! Books, 2013.
       http://www.books24x7.com/marc.asp?bookid=50324.
CommonCrawl. CommonCrawl Crawler. Accessed October 14, 2013.
       https://github.com/commoncrawl/commoncrawl-crawler.
Concurrent. Cascading, n.d. http://www.cascading.org/.
Condie, Tyson, Neil Conway, Peter Alvaro, Joseph M. Hellerstein, Khaled Elmeleegy, and
       Russell Sears. "MapReduce Online." 21-21. NSDI'10. Berkeley, CA, USA: USENIX
       Association, 2010. http://dl.acm.org/citation.cfm?id=1855711.1855732.
Congiu, Roberto. Hive-JSON-Serde, 10:18:48. https://github.com/rcongiu/Hive-JSON-Serde.
Continuuity. Continuuity Reactor, 12:30:48. http://continuuity.com/.
      -. Weave, 17:30:30. https://github.com/continuuity/weave.
Continuum Analytics. Anaconda. Continuum Analytics, 12:48:47.
      https://store.continuum.io/cshop/anaconda/.
     —. Blaze. Continuum Analytics, Inc., 12:48:25. https://github.com/ContinuumIO/blaze.
——. Bokeh. Continuum Analytics, Inc., 12:48:35. https://github.com/ContinuumIO/Bokeh.
 ----. Wakari, n.d. https://wakari.io/.
Cook, John D. "Recognizing Numbers." The Endeavour, n.d.
       http://www.johndcook.com/blog/2013/04/30/recognizing-numbers/.
Corbett, James C., Jeffrey Dean, Michael Epstein, Andrew Fikes, Christopher Frost, J. J.
       Furman, Sanjay Ghemawat, Andrey Gubarev, Christopher Heiser, and Peter Hochschild.
       "Spanner: Google's Globally-distributed Database." In Proceedings of OSDI. Vol. 1,
       2012. https://www.usenix.org/system/files/conference/osdi12/osdi12-final-16.pdf.
Corr, Lawrence, and Jim Stagnitto. Agile Data Warehouse Design: Collaborative Dimensional
       Modeling, from Whiteboard to Star Schema. Leeds: Decisionone Press, 2012.
Corum, Jonathan. "Storytelling with Data." n.d. http://style.org/tapestry/.
Craig, Terence, and Mary E Ludloff. Privacy and Big Data. Sebastopol, CA: O'Reilly, 2011.
Crawford, Kate. "The Hidden Biases in Big Data." HBR Blog Network - Harvard Business
       Review, 15:48:03. http://blogs.hbr.org/2013/04/the-hidden-biases-in-big-data/.
Croll, Alistair. "The Business Singularity: Why Software Means Cycle Time Trumps Scale."
       00:25:54. http://strataconf.com/strata2013/public/schedule/detail/27993.
CRS4. Pydoop, 21:26:06. https://github.com/crs4/pydoop.
Damarla, Chanu. "Warren Buffett, The Human Big Data Engine." Business 2 Community,
       08:30:54.
       http://www.business2community.com/big-data/warren-buffett-the-human-big-data-engin
       e-0484510.
Daniel Tunkelang. "Find and Be Found: Information Retrieval at LinkedIn." Technology, July
       31, 2013.
       http://www.slideshare.net/dtunkelang/find-and-be-found-information-retrieval-at-linked-i
Daniels, Doug. "Domesticating Pig with Lipstick." Mortar Data Blog, 20:20:17.
       http://blog.mortardata.com/post/60765120319/domesticating-pig-with-lipstick.
Das, Tathagata. "Deep Dive with Spark Streaming." June 23, 2013.
```

http://www.slideshare.net/spark-project/deep-divewithsparkstreaming-tathagatadasspark meetup20130617.

Datameer. Datameer, n.d. http://www.datameer.com/index.html.

Datasalt. *Pangool*, 21:16:14. http://pangool.net/.

Davenport, Thomas H. *Enterprise Analytics: Optimize Performance, Process and Decisions through Big Data.* Upper Saddle River, N.J.: Financial Times/Prentice Hall, 2013.

Davenport, Thomas H, and Jinho Kim. *Keeping up with the Quants: Your Guide to Understanding and Using Analytics*, 2013.

Davenport, Tom. "How P&G Presents Data to Decision-Makers," n.d.

http://blogs.hbr.org/cs/2013/04/how_p_and_g_presents_data.html.

Davidson-Pilon, Cameron. "Probabilistic Programming and Bayesian Methods for Hackers." *GitHub*, 07:20:43.

https://github.com/CamDavidsonPilon/Probabilistic-Programming-and-Bayesian-Method s-for-Hackers.

Davis, Kord, and Doug Patterson. Ethics of Big Data. Farnham: O'Reilly, 2012.

Day, Allen. "Data Platform Design Patterns." Education, September 17, 2013.

http://www.slideshare.net/allenday54/20130905-singapore-big-datasg.

——. "NoSQL and SQL Work Side-by-Side to Tackle Real-time Big Data Needs." September 17, 2013.

http://www.slideshare.net/allenday 54/20130617-new-york-open-analytics-summit-no-sql-and-sql.

De Cadenza, Michele. "Online Available Data Services: a Primer." Education, July 3, 2013. http://www.slideshare.net/indecadenza/daa-s-xchange2013galassopiuntiv04.

De Goes, John. "Analytics Maturity Model." Technology, April 9, 2013. http://www.slideshare.net/jdegoes/analytics-maturity-model.

Deepspeed media. Internet Archive, 2013. http://vimeo.com/59207751.

Deming, W. Edwards. *Out of the Crisis*. Cambridge, Mass: Massachusetts Institute of Technology, Center for Advanced Engineering Study, 1986.

Denis, Frank. "Why We Love Apache Pig." *Umbrella Security Labs*, 20:10:20. http://labs.umbrella.com/2013/04/08/pig-jruby/.

Devlin, Catherine. *Ipython-sql*, 14:29:32. https://pypi.python.org/pypi/ipython-sql.

DigitalPebble. Behemoth, 21:44:24. https://github.com/DigitalPebble/behemoth.

Dimiduk, Nick. "HBase Client APIs (for Webapps?)." March 28, 2013.

http://www.slideshare.net/xefyr/hbase-client-apis-for-webapps.

———. *HBase in Action*. Shelter Island, NY: Manning, 2013.

Disco Project. Disco, 18:30:30. https://github.com/discoproject/disco.

Downey, Allen. Think Python. Sebastopol, CA: O'Reilly, 2012.

 $http://www.contentreserve.com/TitleInfo.asp?ID= \{8BDDEF5E-F64A-4212-A868-9B60\ E742EC40\}\& Format=50.$

——. *Think Stats*. 1st ed. Probability and Statistics for Programmers. Sebastopol, CA: O'Reilly Media, 2011.

Downey, Allen B. *Think Complexity*. Bejing [etc.]: O'Reilly, 2012.

Downey, Allen B. *Think Bayes*. Oreilly & Associates Inc, 2013.

Duarte, Nancy. "When Presenting Your Data, Get to the Point Fast." *HBR Blog Network - Harvard Business Review*, 11:18:43.

http://blogs.hbr.org/2013/03/when-presenting-your-data-get/.

- DuCharme, Bob. *Learning SPARQL: Querying and Updating with SPARQL 1.1.* 1st ed. Sebastopol, CA: O'Reilly Media, 2011.
- Dunn, Roland, Ger Hobbelt, Andrew Thornton, Chris Viau, and Troy Mott. *Developing a D3.js Edge*. Bleeding Edge Press, 2013.
- Dunning, Ted. "Introduction to Mahout and How To Build a Recommender." Technology, August 24, 2013.
 - http://www.slideshare.net/tdunning/dfw-big-data-talk-on-mahout-recommenders.
- - http://www.slideshare.net/tdunning/buzz-wordsdunningmultimodalrecommendation.
- ——. "Using Mahout and a Search Engine for Recommendation." Technology, October 5, 2013.
 - http://www.slideshare.net/tdunning/using-mahout-and-a-search-engine-for-recommendation.
- eBay Software Foundation. *Ql.io*, 22:08:08. https://github.com/ql-io/ql.io.
- Eckerson, Wayne. "Analytical Modeling Is Both Science and Art," 12:49:54.
 - http://searchbusinessanalytics.techtarget.com/opinion/Analytical-modeling-is-both-scienc e-and-art.
- ——. Secrets of Analytical Leaders: Insights from Information Insiders. 1st ed. Westfield, NJ: Technics Publications, LLC, 2012.
- . Visual Discovery Tools: Market Segmentation and Product Positioning, 00:50:08. http://www.idgconnect.com/view_abstract/14386/visual-discovery-tools-market-segment ation-product-positioning.
- Elasticsearch. *ElasticSearch*, 21:48:26. https://github.com/elasticsearch/elasticsearch.
- ———. *Elasticsearch Hadoop*, 21:46:29. https://github.com/elasticsearch/elasticsearch-hadoop.
- Elmahrek, Abraham. "How-to: Import a Pre-existing Oozie Workflow into Hue," n.d. http://blog.cloudera.com/blog/2013/03/how-to-import-a-pre-existing-oozie-workflow-int o-hue/.
- EMRG. *NodeBox*, n.d. http://nodebox.net/.
- Enthought. EPD, n.d. http://www.enthought.com/.
- EPFL. Scala, 12:42:47. http://www.scala-lang.org/.
- Epstein, Charles, Gunnar Carlsson, and Herbert Edelsbrunner. "Topological Data Analysis." *Inverse Problems* 27, no. 12 (December 1, 2011): 120201. doi:10.1088/0266-5611/27/12/120201.
- Erickson, Justin. "Impala: A Modern SQL Engine for Hadoop." 00:17:11. http://strataconf.com/strata2013/public/schedule/detail/27991.
- EsperTech. Esper, n.d. http://esper.codehaus.org/.
- Esri. GIS Tools for Hadoop, 10:24:08. https://github.com/Esri/gis-tools-for-hadoop.
- ———. *Spatial Framework for Hadoop*, 10:23:52. https://github.com/Esri/spatial-framework-for-hadoop.
- European Journalism Centre, and Open Knowledge Foundation. *The Data Journalism Handbook*. 1st ed. Sebastopol, CA: O'Reilly Media, 2012.
- Facebook. Scribe, 21:55:19. https://github.com/facebook/scribe.
- Farina, Daniel. WAL-E, n.d. https://github.com/wal-e/wal-e#wal-e-disaster-recovery.
- Farmer, F. Randall, and Bryce Glass. *Building Web Reputation Systems*. Sebastopol, CA: O'Reilly, 2010.
- Faroult, Stéphane. The Art of SQL. 1st ed. Sebastopol, CA: O'Reilly, 2006.

- Ferrera, Pedro, Ivan de Prado, Eric Palacios, Jose Luis Fernandez-Marquez, and Giovanna Di Marzo Serugendo. "Tuple MapReduce: Beyond Classic MapReduce." In *Data Mining (ICDM)*, 2012 IEEE 12th International Conference On, 260–269, 2012. http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6413897.
- Few, Stephen. *Information Dashboard Design: Displaying Data for At-a-glance Monitoring*. Burlingame, CA: Analytics Press, 2013.
- ——. *Information Dashboard Design: The Effective Visual Communication of Data*. 1st ed. Beijing; Cambride [MA]: O'Reilly, 2006.
- ———. Now You See It: Simple Visualization Techniques for Quantitative Analysis. Oakland, Calif: Analytics Press, 2009.
- Flach, Peter. Machine Learning. Cambridge: CAMBRIDGE UNIVERSITY PRESS, 2012.
- Flach, Peter A. *Machine Learning the Art and Science of Algorithms That Make Sense of Data*. Cambridge: Cambridge University Press, 2012. http://dx.doi.org/10.1017/CBO9780511973000.
- Fonnesbeck, Chris, Anand Patil, and John Salvatier. *PyMC*, 20:59:34. https://github.com/pymc-devs/pymc.
- Ford, Daniel, Fran\ccois Labelle, Florentina I. Popovici, Murray Stokely, Van-Anh Truong, Luiz Barroso, Carrie Grimes, and Sean Quinlan. "Availability in Globally Distributed Storage Systems." In *OSDI*, 61–74, 2010.
 - http://static.usenix.org/events/osdi10/tech/full_papers/Ford.pdf.
- Franks, Bill. Taming the Big Data Tidal Wave: Finding Opportunities in Huge Data Streams with Advanced Analytics, 2012.
- Fredheim, Rolf. "Quantifying Memory: Experiments in Python and D3 from R: GDELT Made Easy." *Quantifying Memory*, 22:09:31.
 - $http://quantifying memory.blog spot.com/2013/04/experiments-in-python-and-d3-from-r.h.\ tml.$
- "Free-programming-books." *GitHub*. Accessed October 17, 2013. https://github.com/vhf/free-programming-books.
- Fung, Kaiser. Numbersense: How to Use Big Data to Your Advantage, 2013.
- Furuhashi, Sadayuki. MessagePack, 19:52:05. https://github.com/msgpack/msgpack.
- . *MessagePack-Hadoop*, 19:52:42. https://github.com/msgpack/msgpack-hadoop.
- Galloway, Alexander R. The Interface Effect. Cambridge, UK; Malden, MA: Polity, 2012.
- Ganglia Development Team. Ganglia Monitoring System, 14:17:19. http://ganglia.info/.
- Ganjisaffar, Yasser. Crawler4j. Accessed October 14, 2013.
 - https://code.google.com/p/crawler4j/.
- García, Miguel, and Barry Harmsen. *QlikView 11 for Developers: Develop Business Intelligence Applications with QlikView 11*. Birmingham: Packt Pub., 2012.
- Garnaat, Mitch. *Python and AWS Cookbook*. Sebastopol, CA: O'Reilly, 2012. http://proquest.safaribooksonline.com/9781449308100.
- Gates, Alan. "How to Make Apache Hive 100X Faster? Apache Hive Stinger." *Hortonworks*, 21:00:13. http://hortonworks.com/blog/100x-faster-hive/.
- . "Pig and Hive at Yahoo!" Yahoo, 20:11:58.
 - http://developer.yahoo.com/blogs/hadoop/pig-hive-yahoo-464.html.
- - http://proquest.safaribooksonline.com/?fpi=9781449317881.
- Gates, Alan F., Olga Natkovich, Shubham Chopra, Pradeep Kamath, Shravan M.

- Narayanamurthy, Christopher Olston, Benjamin Reed, Santhosh Srinivasan, and Utkarsh Srivastava. "Building a High-level Dataflow System on Top of Map-Reduce: The Pig Experience." *Proc. VLDB Endow.* 2, no. 2 (August 2009): 1414–1425.
- George, Lars. *HBase the Definitive Guide*. Sebastopol, CA: O'Reilly, 2011. http://proquest.safaribooksonline.com/9781449314682.
- Gitelman, Lisa. "Raw Data" Is an Oxymoron, 2013. http://books.google.com/books?isbn=0262518287.
- Goodhope, Ken, Joel Koshy, Jay Kreps, Neha Narkhede, Richard Park, Jun Rao, and Victor Yang Ye. "Building LinkedIn's Real-time Activity Data Pipeline." *IEEE Data Eng. Bull.* 35, no. 2 (2012): 33–45.
- Goodman, Sasha C. RSeek.org, n.d. http://rseek.org/.
- Google. Google BigQuery, n.d. https://developers.google.com/bigquery/docs/overview.
- ———. *Google Fusion Tables*, 12:40:34. https://developers.google.com/fusiontables/.
- ———. *Protocol Buffers*, 09:45:37. https://code.google.com/p/protobuf/.
- Gopalakrishna, Kishore. "Untangling Cluster Management with Helix." January 29, 2013. http://www.slideshare.net/amywtang/helix-socc-v10final-16247096.
- Goyal, Sonal. Crux, 00:51:45. https://github.com/sonalgoyal/crux.
- -----. *HIHO*, 12:12:45. https://github.com/sonalgoyal/hiho.
- Graham, Bill. "Hadoop and Vertica: The Data Analytics Platform at Twitter." Business & Mgmt, June 21, 2012.
 - http://www.slideshare.net/billonahill/hadoop-summit-2012-hadoop-and-vertica-the-data-a nalytics-platform-at-twitter.
- Gravity. *HPaste*, 21:52:42. https://github.com/GravityLabs/HPaste.
- Gregg, Brendan. "Linux Performance Analysis and Tools." March 1, 2013. http://www.slideshare.net/brendangregg/linux-performance-analysis-and-tools.
- Gregg, Forest, and Derek Eder. *Dedupe*, 21:21:44. https://github.com/open-city/dedupe.
- Groskopf, Christopher. Csvkit, 06:35:31. https://github.com/onyxfish/csvkit.
- Guha, Saptarshi. RHIPE, 09:23:09. http://www.datadr.org/.
- Guha, Saptarshi, Ryan Hafen, Jeremiah Rounds, Jin Xia, Jianfu Li, Bowei Xi, and William S. Cleveland. "Large Complex Data: Divide and Recombine (D&R) with RHIPE." *Stat* 1, no. 1 (2012): 53–67.
- Guha, Saptarshi, Paul Kidwell, Ryan Hafen, and William S. Cleveland. "Visualization Databases for the Analysis of Large Complex Datasets." 193–200, 2009. http://machinelearning.wustl.edu/mlpapers/paper_files/AISTATS09_GuhaKHC.pdf.
- Guo, Shumin. *Hadoop Operations and Cluster Management Cookbook*. Birmingham, UK: Packt Publishing Ltd., 2013. http://site.ebrary.com/id/10742618.
- Gupta, Pankaj, Ashish Goel, Jimmy Lin, Aneesh Sharma, Dong Wang, and Reza Zadeh. "Wtf: The Who to Follow Service at Twitter." In *Proceedings of the 22nd International Conference on World Wide Web*, 505–514, 2013. http://dl.acm.org/citation.cfm?id=2488433.
- Hafen, Ryan. *Datadr*, 09:26:50. https://github.com/hafen/datadr.
- ———. *Trelliscope*, 09:24:30. https://github.com/hafen/trelliscope.
- Hall, Alexander, Olaf Bachmann, Robert Büssow, Silviu G\uanceanu, and Marc Nunkesser. "Processing a Trillion Cells Per Mouse Click." *Proceedings of the VLDB Endowment* 5, no. 11 (2012): 1436–1446.
- Hamstra, Mark, and Matei Zaharia. Learning Spark: Lightning-fast Big Data Analytics, 2013.

- Hanborq. *PigML*, 11:09:46. https://github.com/hanborq/pigml.
- ———. *RockStor*, 11:10:01. https://github.com/hanborq/rockstor.
- Hargrave, Vic. "Securing Hadoop with OSSEC." Accessed October 17, 2013. http://vichargrave.com/securing-hadoop-with-ossec/.
- Harrington, Peter. *Machine Learning in Action*. Shelter Island, N.Y.: Manning Publications Co., 2012.
- Hastie, Trevor, Robert Tibshirani, and J. H Friedman. *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*. New York: Springer, 2009.
- Hausenblas, Michael. "Apache Drill: Interactive Analytics for Large--scale Datasets." Accessed October 17, 2013. https://speakerdeck.com/mhausenblas/hug-stockholm-apache-drill.
- Hayes, Matthew. "A Brief Tour of DataFu." Design, June 25, 2013. http://www.slideshare.net/matthewterencehayes/datafu.
- ——. "Building Data Products at LinkedIn with DataFu." Technology, August 26, 2013. http://www.slideshare.net/matthewterencehayes/building-data-products-at-linkedin-with-datafu.
- "Hourglass: a Library for Incremental Processing on Hadoop." Education, October 9, 2013.
 http://www.slideshare.net/matthewterencehayes/hourglass-a-library-for-incremental-processing-on-hadoop.
- Hayes, Matthew, and Sam Shah. "Hourglass: a Library for Incremental Processing on Hadoop." Santa Clara, CA, USA, n.d.
- Hearst, Marti. "Analyzing Big Data with Twitter | A Special UC Berkeley iSchool Course." Accessed October 15, 2013. http://blogs.ischool.berkeley.edu/i290-abdt-s12/2012/12/13/uc-berkeley-course-lectures-a nalyzing-big-data-with-twitter/.
- Heer, Jeffrey, Michael Bostock, and Vadim Ogievetsky. "A Tour Through the Visualization Zoo," 12:34:43. http://hci.stanford.edu/jheer/files/zoo/.
- Helmling, Gary. "A Bird's-Eye View of Pig and Scalding with hRaven." Business & Mgmt, June 28, 2013. http://www.slideshare.net/ghelmling/helmling-june27-1100amhall1?ref=http://eventifier.co/event/hadoopsummit2013/slides.
- Hemann, Chuck, and Ken Burbary. *Digital Marketing Analytics Making Sense of Consumer Data in a Digital World*. Indianapolis, Ind.: Que, 2013. http://proquest.safaribooksonline.com/?fpi=9780133150933.
- Herodotou, Herodotos, Harold Lim, Gang Luo, Nedyalko Borisov, Liang Dong, Fatma Bilgen Cetin, and Shivnath Babu. "Starfish: A Self-tuning System for Big Data Analytics." 11:261–272, 2011. http://x86.cs.duke.edu/~gang/documents/CIDR11_Paper36.pdf.
- Herodotou, Herodotos, Harold Lim, Gang Luo, Nedyalko Borisov, Liang Dong, Fatma Bilgen Cetin, Shivnath Babu, Jie Li, Kunal Agarwal, and Fei Dong. *Starfish*, 13:22:13. http://www.cs.duke.edu/starfish/.
- Heule, Stefan, Marc Nunkesser, and Alexander Hall. "HyperLogLog in Practice: Algorithmic Engineering of a State of the Art Cardinality Estimation Algorithm." 683–692, 2013. http://dl.acm.org/citation.cfm?id=2452456.
- Hewlett-Packard. Vertica, 09:00:24. http://www.vertica.com/.
- Hey, Tony, and Kristin Tolle. *The Fourth Paradigm Data-intensive Scientific Discovery*. Redmond, Wash.: Microsoft Research, 2009.

- Hindman, Benjamin, Andy Konwinski, Matei Zaharia, Ali Ghodsi, Anthony D. Joseph, Randy Katz, Scott Shenker, and Ion Stoica. "Mesos: A Platform for Fine-grained Resource Sharing in the Data Center." In *Proceedings of the 8th USENIX Conference on Networked Systems Design and Implementation*, 22–22, 2011.
 - http://static.usenix.org/events/nsdi11/tech/full_papers/Hindman_new.pdf.
- Hintjens, Pieter. ZeroMQ. Beijing: O'Reilly, 2013.
- Hirst, Tony. "Mapping Corporate Networks With OpenCorporates." Technology, April 23, 2013. http://www.slideshare.net/psychemedia/mapping-corporate-networks-with-opencorporate s?ref=http://blog.ouseful.info/2013/04/23/mapping-corporate-networks-with-opencorporates/.
- Hoffman, Steve. *Apache Flume: Distributed Log Collection for Hadoop*. Packt Publishing, 2013. http://lib.myilibrary.com?id=504765.
- Højsgaard, Søren, David Edwards, and Steffen L Lauritzen. *Graphical Models with R*. New York: Springer, 2012. http://dx.doi.org/10.1007/978-1-4614-2299-0.
- Holmes, Alex. Hadoop in Practice. Shelter Island, NY: Manning, 2012.
- . *Htuple*. Accessed October 17, 2013. https://github.com/alexholmes/htuple.
- Hornick, Mark, and Tom Plunkett. *Using R to Unlock the Value of Big Data: Big Data Anylytics with Oracle R Enterprise and Oracle R Connector for Hadoop.* New York: Mcgraw-Hill, 2013.
- Hortonworks. *Apache Hadoop Patterns of Use: Refine, Enrich and Explore*, 00:15:55. http://hortonworks.com/blog/apache-hadoop-patterns-of-use-refine-enrich-and-explore/.
- ———. *Gohadoop*. Accessed October 17, 2013. https://github.com/hortonworks/gohadoop.
- ——. "Hadoop Icons," n.d.
 - $http://hortonworks.com/blog/a-set-of-hadoop-related-icons/?mkt_tok=3RkMMJWWfF9\\wsRoiua7OZKXonjHpfsX54\%2BgvXKG\%2FlMI\%2F0ER3fOvrPUfGjI4CTsdjI\%2BSL\\DwEYGJlv6SgFT7TMMbFh1rgNUxc\%3D.$
- -----. "Hadoop Patterns of Use." Business & Mgmt, April 10, 2013.
 - http://www.slideshare.net/hortonworks/hadoop-patterns-of-use.
- http://www.slideshare.net/hortonworks/hwxqubolehiveudfguide10.
- ------. *The Business Value of Hadoop as Seen through the Big Data*, 00:25:06. http://hortonworks.com/blog/the-business-value-of-hadoop-as-seen-through-the-big-data/
- Howard, Jeremy, Margit Zwemer, and Mike Loukides. *Designing Great Data Products*. O'Reilly Media, Inc., 2012.
- Hsieh, Jonathan, and Himanshu Vashishtha. "Using HBase Effectively What You Need to Know as an Application Developer." 00:22:50. http://strataconf.com/strata2013/public/schedule/detail/27109.
- Hubbard, Douglas W. *How to Measure Anything Finding the Value of "Intangibles" in Business*. Hoboken, N.J.: Wiley, 2010. http://site.ebrary.com/id/10381009.
- Huber, Peter J. Data Analysis: What Can Be Learned From the Past 50 Years. John Wiley & Sons, 2012.
- Huff, Darrell. How to Lie with Statistics. New York: Norton, 1993.
- Hultberg, Theo. Piglet, 18:20:11. https://github.com/iconara/piglet.
- -----. *Rubydoop*, 11:03:30. https://github.com/iconara/rubydoop.

Huß, Roland. Jolokia, 12:58:01. https://github.com/rhuss/jolokia. IBM. Many Eyes, n.d. http://www-958.ibm.com/software/data/cognos/manyeyes/. Idris, Ivan. NumPy Cookbook. Birmingham: Packt Pub., 2012. http://proquest.safaribooksonline.com/?fpi=9781849518925. iMatix. ZeroMQ, 09:05:54. http://zeromq.org/. Infochimps. How to Do a Big Data Project, n.d. http://bigdata.infochimps.com/Portals/174427/docs/bigdataprojecthowto.pdf. ——. *Pigsy*, 20:29:08. https://github.com/infochimps-labs/pigsy. ——. *Wonderdog*, 10:30:31. https://github.com/infochimps-labs/wonderdog. . Wukong, 12:12:51. https://github.com/infochimps/wukong. Ingersoll, Grant S. "Large-Scale Search Discovery Analytics with Hadoop, Mahout, Solr." Technology, June 20, 2012. http://www.slideshare.net/Hadoop Summit/large-scale-search-discover-analytics-mahoot -solr. -. Taming Text: How to Find, Organise, and Manipulate It. Shelter Island, NY: London: Manning; Pearson Education [distributor], 2013. Intel OTC. *GraphBuilder*. Accessed October 20, 2013. https://github.com/01org/graphbuilder. Internet Archive. Heritrix. Accessed October 12, 2013. https://github.com/internetarchive/heritrix3. -. Waimea, 20:32:23. https://github.com/internetarchive/waimea. IPython Development Team. IPython, 14:28:51. https://github.com/ipython/ipython. Isson, Jean Paul, and Jesse Harriott. Win with Advanced Business Analytics Creating Business Value from Your Data. Hoboken, N.J.: John Wiley & Sons, 2013. http://proxy.uqtr.ca/login.cgi?action=login&u=uqtr&db=books24x7&ezproxy=1&ezurl= http://library.books24x7.com/library.asp?%5EB&bookid=46732. Jacomy, Alexis. Sigma.js, n.d. http://sigmajs.org/. Janert, Philipp K. Data Analysis with Open Source Tools. Sebastopol, CA: O'Reilly, 2011. Jannach, Dietmar. Recommender Systems: An Introduction. New York: Cambridge University Press, 2011. Jiang, Y. HBase Administration Cookbook. Birmingham: Packt Publishing, Limited, 2012. https://ezproxy.siast.sk.ca:443/login?url=http://proquest.safaribooksonline.com/97818495 17140. Johnson, Barry. Algorithmic Trading & DMA: An Introduction to Direct Access Trading Strategies. London: 4Myeloma Press, 2010. Johnson, Grier. "Autometrics: Self-service Metrics Collection." Accessed October 17, 2013. http://engineering.linkedin.com/52/autometrics-self-service-metrics-collection. Johnson, Ian. *Tributary*, 22:04:10. https://github.com/enjalot/tributary. Jonas, Jeff. "Streaming Analytics Vs. Perpetual Analytics (Advantages of Windowless Thinking)," 19:24:09. http://jeffjonas.typepad.com/jeff_jonas/2007/04/streaming_analy.html. Journey, Russell. "HOWTO Use Hive to SQLize Your Own Tweets - Part Two: Loading Hive, SQL Queries." Hortonworks, 20:55:52. http://hortonworks.com/blog/howto-use-hive-to-sqlize-your-own-tweets-part-two-loading -hive-sql-queries/. -. "LinkedIn, Apache Pig, and Open Source," 20:23:28. http://blog.linkedin.com/2010/07/01/linkedin-apache-pig/.

- ——. "Pig, ToJson, and Redis to Publish Data with Flask." *Hortonworks*, 20:22:50. http://hortonworks.com/blog/pig-tojson-and-redis-to-publish-data-with-flask/.
- JSON-LD. JSON-LD, 19:30:23. https://github.com/json-ld/json-ld.org.
- Junqueira, Flavio, and Benjamin Reed. *Zookeeper: Distributed Process Coordination*. O'Reilly Media, Incorporated, 2013.
- Jurka, Tim. *RTextTools*, 12:42:00. https://github.com/timjurka/RTextTools.
- Jurney, Russell. *Agile Data Science: Building Data Analytics Applications with Hadoop*. [S.l.]: O'Reilly Media, 2012.
- Kabacoff, Robert. *R in Action: Data Analysis and Graphics with R*. Shelter Island, NY: Manning, 2011.
- Kamat, Govind, and Sumeet Singh. "Compression Options in Hadoop A Tale of Tradeoffs." July 10, 2013.
 - http://www.slideshare.net/Hadoop_Summit/kamat-singh-june27425pmroom210cv2.
- Kane, Andrew. *Chartkick*, 08:32:42. https://github.com/ankane/chartkick.
- Karambelkar, H. Scaling Big Data with Hadoop and Solr. [S.l.]: Packt Publishing Limited, 2013.
- Karmasphere. *Karmasphere*, 09:52:22. http://www.karmasphere.com/.
- Karnezos, Timon. "AWS Redshift: How Amazon Changed The Game," n.d.
 - http://blog.aggregateknowledge.com/2013/05/16/aws-redshift-how-amazon-changed-thegame/.
- Katz, Joel. *Designing Information: Human Factors and Common Sense in Information Design*. Hoboken, N.J: Wiley, 2012.
- Kelly, Jeff. "Big Data Vendor Revenue and Market Forecast 2012-2017," 23:56:31. http://wikibon.org/w/index.php?title=Big_Data_Vendor_Revenue_and_Market_Forecast _2012-2017&printable=yes.
- Kelly, Mat. WARCreate. Accessed October 14, 2013. https://github.com/machawk1/warcreate.
- ——. "WARCreate Create Wayback-Consumable WARC Files from Any Webpage." Technology, July 27, 2012.
 - http://www.slideshare.net/matkelly 01/warcreate-create-way backconsumable-warc-files-from-any-webpage.
- ———. *Web Archiving Integration Layer (WAIL)*. Accessed October 14, 2013. https://github.com/machawk1/wail.
- Kent, William. Data and Reality. Bloomington, Ind.: 1st Books Library, 2000.
- Khanwalkar, Manoj, and Govind Asawa. "Evolving a First-Generation Apache HBase Deployment..." Technology, August 2, 2013.
 - http://www.slideshare.net/cloudera/hbasecon-2013-evolving-a-first generation-apache-hbase-deployment-to-second-generation-and-beyond.
- Kiji Project. Kiji, 21:25:56. http://www.kiji.org/.
- Kim, Henry M., Iryna Gel, and Ho-Nam Cheung. *Data Analytics Using Ontologies of Management Theories: Towards Implementing "From Theory to Practice."* SSRN Scholarly Paper. Rochester, NY: Social Science Research Network, August 29, 2012. http://papers.ssrn.com/abstract=2138121.
- Kimball, Ralph, and Margy Ross. *The Data Warehouse Toolkit The Definitive Guide to Dimensional Modeling*. Hoboken: Wiley, 2013. http://public.eblib.com/EBLPublic/PublicView.do?ptiID=1313513.
- Kirk, Andy. *Data Visualization a Successful Design Process*. Birmingham, UK: Packt Pub, 2013.

- "Essential Collection of Visualisation Resources," 11:26:00.
 http://www.visualisingdata.com/index.php/resources/.
 "The 8 Hats of Data Visualisation." Technology, June 23, 2012.
 http://www.slideshare.net/visualisingdata/the-8-hats-of-data-visualisation.
 "Understanding Learning in Order to Implement Efficient Visualisation Methods."
 Technology, September 21, 2012.
 http://www.slideshare.net/visualisingdata/andy-kirk-talk-at-big-data-world-europe-septe mber-2012.
 "Visualisation Workflow: Finding Stories and Telling Stories." January 10, 2013.
 http://www.slideshare.net/visualisingdata/andy-kirks-facebook-talk.
- http://www.slideshare.net/visualisingdata/andy-kirks-facebook-talk.
 Klr. "D3 Lifeline from Vega and Clickme." *Timely Portfolio*, April 4, 2013.
- http://timelyportfolio.blogspot.com/2013/04/d3-lifeline-from-vega-and-clickme.html. KNIME.com AG. *KNIME*, 12:25:36. http://www.knime.org/.
- Kohei, KaiGai. *Pg_strom*, 16:29:15. https://github.com/kaigai/pg_strom.
- Koomey, Jon. *Turning Numbers into Knowledge: Mastering the Art of Problem Solving*. Oakland, CA: Analytics Press, 2008.
- Kosara, Robert, and Jock Mackinlay. "Storytelling: The Next Step for Visualization." *Computer* 46, no. 5 (2013): 44–50.
- Koshy, Joel. "Building a Real-Time Data Pipeline: Apache Kafka at LinkedIn." Technology, July 2, 2013. http://www.slideshare.net/amywtang/building-a-realtime-data-pipeline-apache-kafka-at-linked-in.
- Kozea. Multicorn. Accessed October 20, 2013. https://github.com/Kozea/Multicorn.
- Kraska, Tim, Ameet Talwalkar, John C. Duchi, Rean Griffith, Michael J. Franklin, and Michael I. Jordan. "MLbase: A Distributed Machine-learning System." In *CIDR*, 2013. http://www.cs.berkeley.edu/~ameet/mlbase.pdf.
- Kreps, Jay. "Getting Real About Distributed System Reliability." *Jay Kreps*. Accessed October 17, 2013. http://blog.empathybox.com/post/19574936361/getting-real-about-distributed-system-reliability.
- Krishnan, Sriram. "Genie Hadoop Platform as a Service at Netflix." Technology, June 25, 2013. http://www.slideshare.net/krishflix/genie-hadoop-platform-as-a-service-at-netflix.
- Kuć, Rafał, and Marek Rogoziński. *Elasticsearch Server: Create a Fast, Scalable, and Flexible Search Solution with the Emerging Open Source Search Server, ElasticSearch.*Birmingham [u.a.]: Packt Publ., 2013.
- Kuhn, Max, and Kjell Johnson. *Applied Predictive Modeling*. New York, NY: Springer, 2013. Kumar, Hari. "HBase: Performance Tuners," 21:21:40. http://labs.ericsson.com/blog/hbase-performance-tuners.
- Kyrola, Aapo, Guy Blelloch, and Carlos Guestrin. "GraphChi: Large-scale Graph Computation on Just a PC." 31–46, 2012.
 - https://www.usenix.org/system/files/conference/osdi12/osdi12-final-126.pdf.
- Kyrola, Aapo, and GraphLab. GraphChi, n.d. http://graphchi.org.
- Ladley, John. Data Governance How to Design, Deploy, and Sustain an Effective Data Governance Program. Waltham, Mass.: Morgan Kaufmann, 2012.
- Lam, Chuck. Hadoop in Action. Greenwich, Conn.: Manning Publications, 2011.
- Lamb, Andrew, Matt Fuller, Ramakrishna Varadarajan, Nga Tran, Ben Vandiver, Lyric Doshi,

- and Chuck Bear. "The Vertica Analytic Database: C-store 7 Years Later." *Proceedings of the VLDB Endowment* 5, no. 12 (2012): 1790–1801.
- Lankhorst, Marc. *Enterprise Architecture at Work Modelling, Communication and Analysis*. Berlin, Heidelberg: Springer Berlin Heidelberg: Imprint: Springer, 2013.
- Lans, Rick F. van der. *Data Virtualization for Business Intelligence Systems: Revolutionizing Data Integration for Data Warehouses*. Amsterdam: Elsevier, Morgan Kaufmann, 2012.
- Le Dem, Julien. "Dremel Made Simple with Parquet." *Twitter Blogs*. Accessed October 17, 2013. https://blog.twitter.com/2013/dremel-made-simple-with-parquet.
- Le Dem, Julien, and Nong Li. "Parquet: Columnar Storage for the People." Technology, June 27, 2013. http://www.slideshare.net/julienledem/parquet-hadoop-summit-2013.
- Ledolter, Johannes. *Data Mining and Business Analytics with R.* Hoboken, N.J.: Wiley, 2013. http://UCM.eblib.com/patron/FullRecord.aspx?p=1204741.
- Lee, George, Jimmy Lin, Chuang Liu, Andrew Lorek, and Dmitriy Ryaboy. "The Unified Logging Infrastructure for Data Analytics at Twitter." *Proceedings of the VLDB Endowment* 5, no. 12 (2012): 1771–1780.
- Lee, Kyungyong, Roy Indrajit, and Vanish Talwar. "Comparing Pattern Mining on a Billion Records with HP Vertica and Hadoop," n.d. http://www.vertica.com/2013/04/08/comparing-pattern-mining-on-a-billion-records-with-hp-vertica-and-hadoop/.
- Leetaru, Kalev. "GDELT Data," n.d.
 - http://eventdata.psu.edu/data.dir/GDELT.html#.UWMC3-UnquE.twitter.
- Lemoine, Nathan. "Python Complements R's Shortcomings." *R-bloggers*, 21:01:12. http://www.r-bloggers.com/python-compliments-rs-shortcomings/.
- Lengler, Ralph, and Martin Eppler. "A Periodic Table of Visualization Methods," 12:27:19. http://www.visual-literacy.org/periodic_table/periodic_table.html.
- Leo, Simone, and Gianluigi Zanetti. "Pydoop: a Python MapReduce and HDFS API for Hadoop." 819–825. HPDC '10. New York, NY, USA: ACM, 2010. doi:10.1145/1851476.1851594.
- Leonhardi, David. "Soft Skills: The 'Killer App' for Analytics," 21:29:33. http://www.analytics-magazine.org/november-december-2011/475-soft-skills-the-killer-app-for-analytics?tmpl=component&print=1&page=.
- Liebowitz, Jay. *Big Data and Business Analytics*. Boca Raton, FL: CRC Press, 2013. http://search.ebscohost.com/login.aspx?direct=true&scope=site&db=nlebk&db=nlabk&A N=562870.
- Lin, Jimmy. Cloud9, 10:20:25. https://github.com/lintool/Cloud9.
- -----. "Mapreduce Is Good Enough? If All You Have Is a Hammer, Throw Away Everything That's Not a Nail!" *Big Data* 1, no. 1 (2013): 28–37.
- ------. "Monoidify! Monoids as a Design Principle for Efficient MapReduce Algorithms." *arXiv Preprint arXiv:1304.7544* (2013). http://arxiv.org/abs/1304.7544.
- ——. *WarcBase*. Accessed October 14, 2013. https://github.com/lintool/warcbase.
- Lin, Jimmy, and Chris Dyer. "Data-intensive Text Processing with MapReduce," 17:36:09. http://lintool.github.io/MapReduceAlgorithms/index.html.
- ——. Data-intensive Text Processing with MapReduce. [San Rafael, Calif.]: Morgan & Claypool Publishers, 2010.
 - http://www.morganclaypool.com/doi/abs/10.2200/S00274ED1V01Y201006HLT007.

- Lin, Jimmy, and Alek Kolcz. "Large-scale Machine Learning at Twitter." 793–804, 2012. http://dl.acm.org/citation.cfm?id=2213958.
- Lin, Jimmy, and Dmitriy Ryaboy. "Scaling Big Data Mining Infrastructure: The Twitter Experience." *ACM SIGKDD Explorations Newsletter* 14, no. 2 (2013): 6–19.
- Lin, Jimmy, Dmitriy Ryaboy, and Kevin Weil. "Full-text Indexing for Optimizing Selection Operations in Large-scale Data Analytics." In *Proceedings of the Second International Workshop on MapReduce and Its Applications*, 59–66, 2011. http://dl.acm.org/citation.cfm?id=1996105.
- Lin, Liang, Vera Lychagina, Weiran Liu, Younghee Kwon, Sagar Mittal, and Michael Wong. "Tenzing a Sql Implementation on the Mapreduce Framework" (2011). http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.226.772.

Linked Data, 12:36:26. http://linkeddata.org/.

- LinkedIn. Azkaban, 10:27:43. http://azkaban.github.io/azkaban2/.
- . Camus. Accessed October 12, 2013. https://github.com/linkedin/camus.
- . Databus, 00:42:03. https://github.com/linkedin/databus.
- . DataFu, 10:48:47. https://github.com/linkedin/datafu.
- ------. *Hopscotch*. Accessed October 17, 2013. https://github.com/linkedin/hopscotch.
- -----. *White Elephant*. Accessed October 12, 2013. https://github.com/linkedin/white-elephant.
- Linoff, Gordon. Data Analysis Using SQL and Excel. Indianapolis, IN: Wiley Pub, 2008.
- Liu, Bing. Sentiment Analysis and Opinion Mining. San Rafael, Calif: Morgan & Claypool, 2012.
- Longo, Chris. *Pig for Sublime Text*. Accessed October 12, 2013. https://github.com/chrislongo/Pig.
- Loo, Mark P.J. van der. Learning RStudio for R Statistical Computing: Learn to Effectively Perform R Development, Statistical Analysis, and Reporting with the Most Popular R IDE. Birmingham: Packt Publishing, 2012.
- Lorica, Ben. "Data Science Tools: Are You 'All in' or Do You 'Mix and Match'?," 14:34:10. http://strata.oreilly.com/2013/03/data-science-tools-all-in-or-mix-and-match.html.
- ------. "Near Realtime, Streaming, and Perpetual Analytics," 11:18:50. http://strata.oreilly.com/2013/07/near-realtime-streaming-and-perpetual-analytics.html?imm_mid=0adcff&cmp=em-strata-na-newsltr_20130807_elist.
- ——. "Simpler Workflow Tools Enable the Rapid Deployment of Models," 15:21:19. http://strata.oreilly.com/2013/04/workflow-tools-enable-the-rapid-deployment-of-models. html.
- Loshin, David. Big Data Analytics From Strategic Planning to Enterprise Integration With Tools, Techniques, Nosql, and Graph. Morgan Kaufmann Pub, 2013.
- ——. "New Paradigms for High Performance Analytical Computing" (2009). https://www.ndm.net/datawarehouse/pdf/High_Performance_Paradigms.pdf.
- Loughran, Steve. "Hoya (HBase on YARN): Application Architecture." *Hortonworks*, 21:23:55. http://hortonworks.com/blog/hoya-hbase-on-yarn-application-architecture/.
- Loukides, Mike. The Evolution of Data Products. O'Reilly Media, Inc., 2011.
- Lublinsky, Boris, Kevin T Smith, and Yakubovich. *Professional Hadoop Solutions*, 2013. LucidWorks. *LucidWorks Big Data*, 23:22:51.
 - http://docs.lucidworks.com/display/bigdata/System+Architecture.
- Lum, P. Y., G. Singh, A. Lehman, T. Ishkanov, M. Vejdemo-Johansson, M. Alagappan, J.

- Carlsson, and G. Carlsson. "Extracting Insights from the Shape of Complex Data Using Topology." *Scientific Reports* 3 (February 7, 2013). doi:10.1038/srep01236.
- Macfarlane, John. Pandoc. Accessed October 16, 2013. http://johnmacfarlane.net/pandoc/.
- MADlib Project. MADlib, 14:25:40. https://github.com/madlib/madlib.
- Makoto Yui. Hivemall. Accessed October 17, 2013. https://github.com/myui/hivemall.
- Malewicz, Grzegorz, Matthew H. Austern, Aart J.C Bik, James C. Dehnert, Ilan Horn, Naty Leiser, and Grzegorz Czajkowski. "Pregel: a System for Large-scale Graph Processing." 135–146. SIGMOD '10. New York, NY, USA: ACM, 2010. doi:10.1145/1807167.1807184.
- Malik, Jaibeer. "ElasticSearch: Text Analysis for Content Enrichment." *Jai's Weblog Tech*, *Security & Fun...*, 15:11:06. http://jaibeermalik.wordpress.com/2013/03/26/elasticsearch-text-analysis-for-content-enri chment/.
- Manning, Christopher D, Prabhakar Raghavan, and Hinrich Schütze. *Introduction to Information Retrieval*. New York: Cambridge University Press, 2008.
- Manoochehri, Michael. *Data Just Right: Practical Big Data Analytics*. Harlow: Addison-Wesley, 2013.
- Manyika, James, Michael Chui, Brad Brown, Jacques Bughin, Richard Dobbs, Charles Roxburgh, and Angela Hung Byers. *Big Data: The Next Frontier for Innovation, Competition, and Productivity*. McKinsey Global Institute, 2011.
- Marchand, Donald A., and Joe Peppard. "Why IT Fumbles Analytics," 06:15:55. http://hbr.org/2013/01/why-it-fumbles-analytics/ar/1?imm_mid=0a4eb2&cmp=em-st rata-newsletters-stratasc-video-20130403-elist.
- Marmanis, Haralambos, and Dmitry Babenko. *Algorithms of the Intelligent Web*. Greenwich, Conn.: Manning, 2009.
- Martin, Patrick. *Dex*, n.d. http://dexvis.com/.
- ——. *DexCharts*, 20:42:14. https://github.com/PatMartin/DexCharts.
- Marz, Nathan. *Big Data: Principles and Best Practices of Scalable Realtime Data Systems*. [S.l.]: O'Reilly Media, 2013.
- ———. Cascalog, 13:28:36. https://github.com/nathanmarz/cascalog.
- ———. *ElephantDB*, 11:18:06. https://github.com/nathanmarz/elephantdb.
- ——. "Human Fault-tolerance." 00:12:41.
 - http://strataconf.com/strata2013/public/schedule/detail/27610.
- ———. *Storm*, 22:01:45. https://github.com/nathanmarz/storm.
- Mashape. "List of 40+ Machine Learning APIs." *Mashape's Voice*, 11:16:40. http://blog.mashape.com/post/48074869493/list-of-40-machine-learning-apis.
- Massie, Matt. "A Powerful Big Data Trio: Spark, Parquet and Avro," 12:27:50.
 - http://zenfractal.com/2013/08/21/a-powerful-big-data-trio/.
- ——. *Monitoring with Ganglia*. Sebastopol, CA: O'Reilly Media, 2012. http://proquest.safaribooksonline.com/?fpi=9781449330637.
- Matloff, Norman S. *The Art of R Programming: Tour of Statistical Software Design*. San Francisco: No Starch Press, 2011.
- Matsumoto, Yukihiro. Ruby, 09:58:04. https://www.ruby-lang.org.
- Matusevych, Sergiy, Alex Smola, and Amr Ahmed. "Hokusai-Sketching Streams in Real Time." *arXiv Preprint arXiv:1210.4891* (2012). http://arxiv.org/abs/1210.4891.
- McCallum, Q. Ethan. Bad Data Handbook. Beijing; Sebastopol, CA: O'Reilly, 2012.

- McDaniel, Eileen, and Stephen McDaniel. *The Accidental Analyst: Show Your Data Who's Boss.* Seattle, WA: Freakalytics, LLC, 2012.
- Mcguire, Ryan. "Tools for Testing Cassandra." *DataStax*. Accessed October 17, 2013. http://www.datastax.com/dev/blog/tools-for-testing-cassandra.
- McKinney, Wes. "Intro to Python for Financial Data Analysis." Technology, June 22, 2012. http://www.slideshare.net/wesm/intro-to-python-for-financial-data-analysis.
- ———. *Python for Data Analysis*. Sebastopol, CA: O'Reilly Media, 2012. http://proquest.safaribooksonline.com/?fpi=9781449323592.
- Melnik, Sergey, Andrey Gubarev, Jing Jing Long, Geoffrey Romer, Shiva Shivakumar, Matt Tolton, and Theo Vassilakis. "Dremel: Interactive Analysis of Web-scale Datasets." *Proceedings of the VLDB Endowment* 3, no. 1–2 (2010): 330–339.
- Meru, Varad. "Step-by-step MapReduce Programming," 23:22:08. http://www.orzota.com/step-by-step-mapreduce-programming/.

Mesosphere. *Marathon*, 21:27:42. https://github.com/mesosphere/marathon.

Metamarkets. *Druid*, n.d. http://druid.io/.

Microsoft. HDInsight, n.d.

http://www.microsoft.com/en-us/sqlserver/solutions-technologies/business-intelligence/big-data.aspx.

——. StreamInsight, n.d.

http://www.microsoft.com/sqlserver/en/us/solutions-technologies/business-intelligence/st reaming-data.aspx.

- Microsoft, Yahoo, and John Langford. *Vowpal_wabbit*, 17:40:44. https://github.com/JohnLangford/vowpal_wabbit.
- Miller, Cat. "Pig Eye for the SQL Guy." *Hortonworks*, 11:20:58. http://hortonworks.com/blog/pig-eye-for-the-sql-guy/.
- Miller, Mark. "Solr+Hadoop = Big Data Search." Technology, July 15, 2013. http://www.slideshare.net/cloudera/solrhadoopbigdatasearch.
- Miller, Thomas W. Modeling Techniques in Predictive Analytics: Business Problems and Solutions with R, 2014.
- Milne, Adrian. "Dispatches from the Codeface: Complex Event Processing Made Easy (using Esper)," 20:57:20.
 - http://corsoft limited.blog spot.co.uk/2013/02/complex-event-processing-made-easy.html.
- Miner, Donald. "Data Science and Hadoop." Technology, October 10, 2013. http://www.slideshare.net/DonaldMiner/data-scienceandhadoop.
- . Pig Vs. MapReduce: When, Why, and How, 2013. http://vimeo.com/73211764.

Miner, Donald, and Adam Shook. MapReduce Design Patterns. Sebastopol, CA: Oreilly, 2013.

Mishne, Gilad, Jeff Dalton, Zhenghua Li, Aneesh Sharma, and Jimmy Lin. "Fast Data in the Era of Big Data: Twitter's Real-Time Related Query Suggestion Architecture." *arXiv Preprint arXiv:1210.7350* (2012). http://arxiv.org/abs/1210.7350.

MIT. STAR: Cluster, n.d. http://star.mit.edu/cluster/.

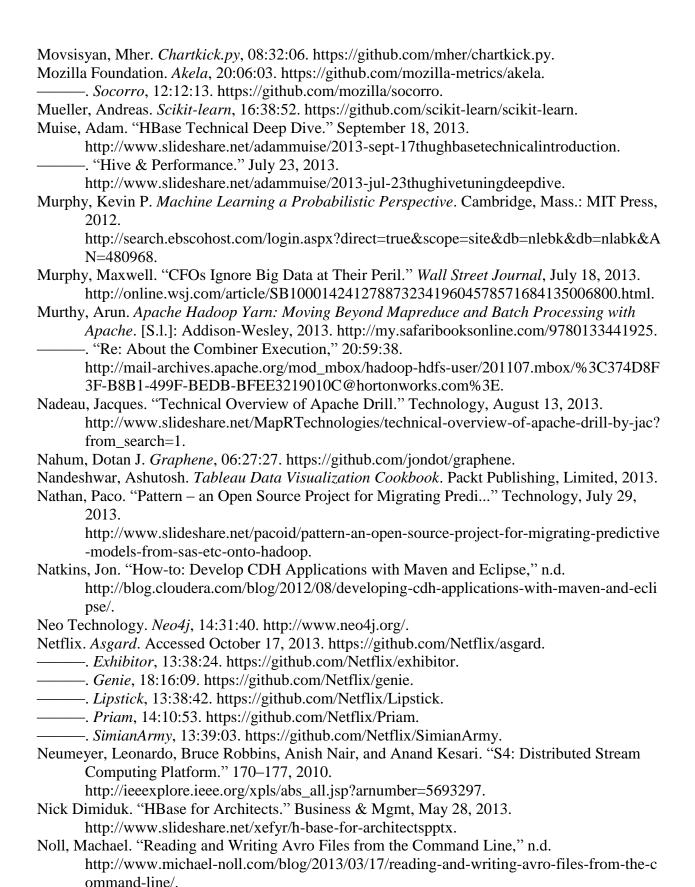
MongoDB. *MongoDB*, n.d. http://www.mongodb.org/.

Mortar Data. Bacon-bits. Accessed October 17, 2013. https://github.com/mortardata/bacon-bits.

https://github.com/mortardata/mortar.

-----. *Mortar Watchtower*. Accessed October 17, 2013.

https://github.com/mortardata/watchtower.



- Noris, Basilio. *MLDemos*, 13:57:09. https://gitorious.org/mldemos/.
- Novus. NVD3. Accessed October 17, 2013. https://github.com/novus/nvd3.
- Nullege. "Nullege: A Search Engine for Python Source Code," n.d. http://nullege.com/.
- Numenta. NuPIC, 22:10:46. https://github.com/numenta/nupic.
- Nussbaum, Bruce. *Creative Intelligence: Harnessing the Power to Create, Connect, and Inspire*. New York: HarperBusiness, 2013.
- O'Malley, Owen, and Eric Hansen. "ORC File and Vectorization Hadoop Summit 2013." June 28, 2013.
 - http://www.slideshare.net/oom65/orc-andvectorizationhadoopsummit?ref=http://www.slideshare.net/slideshow/embed_code/23625246.
- O'Neil, Cathy. *Doing Data Science*. [S.l.]: O'Reilly Media, 2013.
- O'Reilly, Tim. *How Data Science Is Transforming Health Care*. Sebastopol, CA: O'Reilly Media, 2012.
 - http://oreilly.com/data/radarreports/how-data-science-is-transforming-health-care.csp.
- Ogievetsky, Vadim. "Facet: The Recursive Approach to Visualization." 00:11:54. http://strataconf.com/strata2013/public/schedule/detail/27485.
- Ohlhorst, Frank. *Big Data Analytics Turning Big Data into Big Money*. Hoboken, N.J.: Wiley, 2013.
 - http://search.ebscohost.com/login.aspx?direct=true&scope=site&db=nlebk&db=nlabk&A N=503336.
- Open Data Group. *Augustus*, n.d. https://code.google.com/p/augustus/.
- Open Knowledge Foundation. *BibServer*. Accessed October 14, 2013.
 - https://github.com/okfn/bibserver.
- . CKAN. Accessed October 14, 2013. https://github.com/okfn/ckan.
- . Data Explorer. Accessed October 14, 2013. https://github.com/okfn/dataexplorer.
- ——. Data Proxy. Accessed October 14, 2013. https://github.com/okfn/dataproxy.
- . *Messytables*. Accessed October 14, 2013. https://github.com/okfn/messytables.
- . *Recline.js*. Accessed October 14, 2013. https://github.com/okfn/recline.
- OpenRefine Development Team. *OpenRefine*, n.d. https://github.com/OpenRefine/OpenRefine. OpenSCG. *BigSQL*, n.d. http://www.bigsql.org/se/.
- Owens, Jonathan R, Jon Lentz, and Brian Femiano. *Hadoop Real-world Solutions Cookbook*. Birmingham: Packt Pub., 2013.
- Pan, Xinghao, Evan R. Sparks, and Andre Wibisono. "MLbase: Distributed Machine Learning Made Easy." Accessed October 20, 2013.
 - http://www.cs.berkeley.edu/~kubitron/courses/cs262a-F12/projects/reports/project15_report.pdf.
- Paradigm4. *SciDB*, n.d. http://www.scidb.org/.
- Patterson, Josh. Knitting Boar, 10:12:22. https://github.com/jpatanooga/KnittingBoar.
- ———. "Linear Regression and Metronome." March 24, 2013. http://www.slideshare.net/jpatanooga/hadoop-summit-eu-2013-parallel-linear-regression-iterativereduce-and-yarn.
- Patterson, Pat. Database.com-FDW, n.d.
 - https://github.com/metadaddy-sfdc/Database.com-FDW-for-PostgreSQL.
- Pavlo, Andrew, Erik Paulson, Alexander Rasin, Daniel J. Abadi, David J. DeWitt, Samuel Madden, and Michael Stonebraker. "A Comparison of Approaches to Large-scale Data Analysis." In *Proceedings of the 2009 ACM SIGMOD International Conference on*

- Management of Data, 165–178, 2009. http://dl.acm.org/citation.cfm?id=1559865.
- Pentaho. Pentaho Big Data Plugin, 21:06:06. https://github.com/pentaho/big-data-plugin.
- Perez, Antonio Santiago. Openlayers Cookbook. [S.l.]: Packt Publishing Limited, 2012.
- Perez, Fernando. "Literate Computing and Computational Reproducibility: IPython in the Age of Data-driven Journalism," n.d.
 - http://blog.fperez.org/2013/04/literate-computing-and-computational.html.
- Perkins, Jacob. "Data Recipes: Using Hadoop to Explore Chaos." *Data Recipes*, August 12, 2013. http://thedatachef.blogspot.com/2013/08/using-hadoop-to-explore-chaos.html.
- . *NLTK Trainer*, 13:00:06. https://github.com/japerk/nltk-trainer.
- ———. Python Text Processing with NLTK 2.0 Cookbook: Over 80 Practical Recipes for Using Python's NLTK Suite of Libraries to Maximize Your Natural Language Processing Capabilities. Birmingham [u.a.]: Packt Publ., 2010.
- Perkins, Jacob A. Sounder, 12:59:08. https://github.com/thedatachef/sounder.
- ———. *SwineHerd*, 12:59:19. https://github.com/thedatachef/swineherd.
- ——. *Varaha*, 12:59:14. https://github.com/thedatachef/varaha.
- Peterson, Mike. "Using Hadoop to Expand Data Warehousing." 00:22:47. http://strataconf.com/strata2013/public/schedule/detail/28638.
- Phillips, Judah. *Building a Digital Analytics Organization Create Value by Integrating Analytical Processes, Technology, and People into Business Operations*, 2013. http://proquest.safaribooksonline.com/?fpi=9780133372823.
- Pidcock, Woody, and Michael Uschold. "What Are the Differences Between a Vocabulary, a Taxonomy, a Thesaurus, an Ontology, and a Meta-model?," 19:04:58. http://infogrid.org/trac/wiki/Reference/PidcockArticle.
- Pike, Rob, Sean Dorward, Robert Griesemer, and Sean Quinlan. "Interpreting the Data: Parallel Analysis with Sawzall" (14:28:57).
 - http://lambda.csail.mit.edu/~chet/papers/others/p/pike/sawzall-sciprog.pdf.
- Pinte, Didrik. "Interactive Python Graphics/visualisation with Excel," n.d. http://dpinte.wordpress.com/2010/03/12/interactive-python-graphicsvisualisation-with-excel/.
- Plunkett, Tom, Brian Macdonald, Bruce Nelson, Helen Sun, Mark F Hornick, Laker, Khader Mohiuddin, et al. *Oracle Big Data Handbook*, 2014.
- Preferred Infrastructure, and NTT Software Innovation Center. *Jubatus*, 17:29:59. https://github.com/jubatus/jubatus.
- Project Blacklight. Blacklight, 20:57:17. https://github.com/projectblacklight/blacklight.
- Provost, Foster, and Tom Fawcett. *Data Science for Business: [what You Need to Know About Data Mining and Data-analytic Thinking]*. Sebastopol, Calif.: O'Reilly, 2013.
- Python Software Foundation. *Python*, 09:17:16. http://www.python.org/.
- QlikTech. QlikView, 10:55:49. http://www.qlikview.com/.
- Quandl. Quandl, n.d. http://www.quandl.com/.
- Quantcast. QFS, 10:07:59. https://github.com/quantcast/qfs.
- Rabinowitz, Nick, and Nate Agrin. "Seven Dirty Secrets of Data Visualisation," n.d. http://www.netmagazine.com/features/seven-dirty-secrets-data-visualisation.
- Raghunathan, Balaji. The Complete Book of Data Anonymization: From Planning to Implementation, 2013.
- Rajaraman, Anand, and Jeffrey D Ullman. *Mining of Massive Datasets*. New York, N.Y.; Cambridge: Cambridge University Press, 2012.

- Ramanujam, Srivatsan. *Pymadlib*, 14:26:03. https://pypi.python.org/pypi/pymadlib/0.1.4.
- Rao, Jun, and Sam Shah. "Data Infrastructure at LinkedIn." Technology, July 8, 2013. http://www.slideshare.net/amywtang/webscale-analyticsfb-24031929.
- Raper, Simon. "Mahout for R Users." *R-bloggers*. Accessed October 10, 2013. http://www.r-bloggers.com/mahout-for-r-users/.
- Rapid-I. RapidMiner, 12:24:57. http://rapid-i.com/content/view/181/190/.
- Redhat. Drools, 10:02:40. http://www.jboss.org/drools/.
- ——. JBoss Teiid, n.d. http://www.jboss.org/teiid/.
- Redmond, Stephen. *QlikView for Developers Cookbook*. Birmingham: Packt Publishing, 2013. http://public.eblib.com/EBLPublic/PublicView.do?ptiID=1192682.
- Reeve, April. Managing Data in Motion: Data Integration, Best Practice Techniques and Technologies, 2013.
- Reich, Justin. "Small Data and Big Data Should Be Best Friends." *Education Week EdTech Researcher*, 15:44:24.
 - http://blogs.edweek.org/edweek/edtechresearcher/2013/03/small_data_and_big_data_should_be_best_friends.html?cmp=SOC-SHR-FB.
- Reitz, Kenneth. *Elephant*, 19:28:21. https://github.com/kennethreitz/elephant.
- -----. *Httpbin*, 18:50:35. https://github.com/kennethreitz/httpbin.
- Rendgen, Sandra, Julius Wiedemann, Paolo Ciuccarelli, Richard Saul Wurman, Simon Rogers, and Nigel Holmes. *Information graphics*. Köln: Taschen, 2012.
- Reshef, David, and Yakir Reshef. MINE, n.d. http://www.exploredata.net/.
- Revolution Analytics. RHadoop, 09:19:01. https://github.com/RevolutionAnalytics/RHadoop.
- . *Rhdfs*, 09:20:19. https://github.com/RevolutionAnalytics/rhdfs.
- -----. *Rmr*2, 09:20:34. https://github.com/RevolutionAnalytics/rmr2.
- Riccomini, Chris. "Apache Samza: LinkedIn's Real-time Stream Processing Framework." Accessed October 17, 2013.
 - http://engineering.linkedin.com/data-streams/apache-samza-linkedins-real-time-stream-processing-framework.
- Richardson, Leonard. *Beautiful Soup*, 06:51:03. https://pypi.python.org/pypi/beautifulsoup4.
- Richert, Willi, and Luis Pedro Coelho. *Building Machine Learning Systems with Python*. Birmingham, UK: Packt Pub., 2013. http://site.ebrary.com/id/10742638.
- Rios, Miguel, and Jimmy Lin. "Distilling Massive Amounts of Data into Simple Visualizations: Twitter Case Studies." In *Workshop on Social Media Visualization at ICWSM*, 2012. http://www.aaai.org/ocs/index.php/icwsm/icwsm12/paper/download/4785/5095.
- ———. "Visualizing the' Pulse' of World Cities on Twitter." In *Seventh International AAAI Conference on Weblogs and Social Media*, 2013. http://www.aaai.org/ocs/index.php/ICWSM/ICWSM13/paper/viewPaper/6127.
- Roch, Eric. "Drive Smarter Decisions with Big Data Using Complex Event Processing." Technology, July 17, 2013.
 - http://www.slideshare.net/perficientinc/drive-smarter-decisions-with-big-data-using-complex-event-processing.
- Rodriguez, Marko A., and Peter Neubauer. *Constructions from Dots and Lines*. ArXiv e-print, June 11, 2010. http://arxiv.org/abs/1006.2361.
- Ross, Jeanne W, David C Robertson, and Peter Weill. Enterprise Architecture as Strategy:

Creating a Foundation for Business Execution. Boston, Mass: Harvard Business School Press, 2006.

Ross, Noam. "FasteR! HigheR! StongeR! -- A Guide to Speeding Up R Code for Busy People," n.d.

http://www.r-bloggers.com/faster-higher-stonger-a-guide-to-speeding-up-r-code-for-busy-people/.

Rossant, Cyrille. Learning IPython for Interactive Computing and Data Visualization, 2013.

Roy, Indrajit. "Distributed R for Big Data," 21:19:59.

http://www.vertica.com/2013/02/21/presto-distributed-r-for-big-data/.

Roztočil, Jakub. HTTPie, 19:25:33. https://github.com/jkbr/httpie.

RStudio. RStudio, 21:41:27. https://github.com/rstudio/rstudio.

———. *Shiny*, 21:41:51. https://github.com/rstudio/shiny.

Russell, Matthew A. Mining the Social Web. Sebastopol, CA: O'Reilly, 2011.

Salesforce.com. *Phoenix*, 10:26:43. https://github.com/forcedotcom/phoenix.

Sammer, Eric. Hadoop Operations. Sebastopol, CA: O'Reilly, 2012.

Sanfilippo, Salvatore. *Redis*, 09:40:34. http://redis.io/.

Savage, Sam L. *The Flaw of Averages: Why We Underestimate Risk in the Face of Uncertainty*. Hoboken, N.J: Wiley, 2009.

Schmidt, Kevin. *Programming Elastic Mapreduce: Using Aws Services to Build an End-to-end Application*. [S.l.]: O'Reilly Media, 2013.

Schrage, Michael. "The Question All Smart Visualizations Should Ask." *HBR Blog Network - Harvard Business Review*, 11:15:19.

http://blogs.hbr.org/2013/03/the-question-all-smart-visualizations/.

Schulte, W. Roy, and K. Mani Chandy. *Event Processing: Designing IT Systems for Agile Companies*. 1 edition. McGraw-Hill, 2009.

Schwarzkopf, Malte, Andy Konwinski, Michael Abd-El-Malek, and John Wilkes. "Omega: Flexible, Scalable Schedulers for Large Compute Clusters." In *Proceedings of the 8th ACM European Conference on Computer Systems*, 351–364, 2013. http://dl.acm.org/citation.cfm?id=2465386.

ScraperWiki. Custard, 22:55:40. https://github.com/scraperwiki/custard.

———. ScraperWiki, 22:55:16. https://github.com/scraperwiki/scraperwiki-python.

Scrapy project. *Scrapely*, 15:19:13. https://github.com/scrapy/scrapely.

SeatGeek. FuzzyWuzzy, 22:56:53. https://github.com/seatgeek/fuzzywuzzy.

Sebastian-Coleman, Laura. *Measuring Data Quality for Ongoing Improvement: a Data Quality Assessment Framework*. Waltham, MA: Morgan Kaufmann, 2013.

Sedgewick, Robert, and Kevin Daniel Wayne. *Algorithms*. Upper Saddle River, NJ: Addison-Wesley, 2011.

Segaran, Toby. *Programming Collective Intelligence: Building Smart Web 2.0 Applications*. Beijing; Sebastapol [Calif.]: O'Reilly, 2007.

Segaran, Toby, and Jamie Taylor. *Programming the Semantic Web*. Beijing; Sebastopol, CA: O'Reilly, 2009.

Segel, E. "How to Tell Stories with Data (really)." Technology, November 5, 2011. http://www.slideshare.net/kris77chan/edward-segel-interactivestorytelling.

Segel, E., and J. Heer. "Narrative Visualization: Telling Stories with Data." *IEEE Transactions on Visualization and Computer Graphics* 16, no. 6 (2010): 1139–1148. doi:10.1109/TVCG.2010.179.

- Seiler, Uwe. "Introduction to the Hadoop Ecosystem with Hadoop 2.0 Aka YARN (Java..." Business & Management, September 6, 2013. http://de.slideshare.net/uweseiler/introduction-to-thehadoopecosystemjavaserbiacodecent ric.
- Sematext Group. *HBaseHUT*, 13:19:05. https://github.com/sematext/HBaseHUT.
- . *HBaseWD*, 13:19:38. https://github.com/sematext/HBaseWD.
- SenseiDB. SenseiDB. Accessed October 12, 2013. https://github.com/senseidb/sensei.
- Shah, Sam, Craig AN Soules, Gregory R. Ganger, and Brian D. Noble. "Using Provenance to Aid in Personal File Search." In *USENIX Annual Technical Conference*, 171–184, 2007. http://static.usenix.org/events/usenix07/tech/full_papers/shah/shah_html/.
- Shanklin, Carter. "How To Perform Spatial Analytics with Hive and Hadoop." *Hortonworks*, 20:58:31.
 - http://hortonworks.com/blog/how-to-perform-spatial-analytics-with-hive-and-hadoop/.
- ——. "ORCFile in HDP 2: Better Compression, Better Performance." *Hortonworks*. Accessed October 17, 2013.
 - http://hortonworks.com/blog/orcfile-in-hdp-2-better-compression-better-performance/.
- Shapira, Chen (Gwen). "Data Wrangling and Oracle Connectors for Hadoop." Technology, September 30, 2013.
 - http://www.slideshare.net/gwenshap/data-wrangling-and-oracle-connectors-for-hadoop.
- - http://www.slideshare.net/gwenshap/scaling-etl-with-hadoop-shapira-3.
- Sharethrough. *Elasticity*, 21:51:38. https://github.com/rslifka/elasticity.
- Sheikh, Nauman. *Implementing Analytics: a Blueprint for Design, Development, and Adoption*. [S.l.]: Morgan Kaufmann, 2013.
- Shekhar, Jayant. "Building Recommendation Platforms with Hadoop." 00:08:52. http://strataconf.com/strata2013/public/schedule/detail/27475.
- Sheng, Lee. "Fixing Classpath Ordering Issues in Hadoop." Accessed October 17, 2013. http://www.kiji.org/2013/10/08/fixing-classpath-ordering-issues-in-hadoop/.
- Shron, Max. "Data's Missing Ingredient? Rhetoric. Strata," 07:39:42. http://strata.oreilly.com/2013/04/datas-missing-ingredient-rhetoric.html.
- Shutterstock. *Rickshaw*, 20:55:12. https://github.com/shutterstock/rickshaw.
- Sid Anand. "Building a Modern Website for Scale (QCon NY 2013)." Design, June 14, 2013.
 - http://www.slideshare.net/r39132/q-con-ny2013 modern websites calability final-22989785.
- ——. "LinkedIn Data Infrastructure Slides (Version 2)." June 21, 2012.
 - http://www.slideshare.net/r39132/linkedin-data-infrastructure-slides-version-2-13394853.
- Siegel, Eric. *Predictive Analytics: The Power to Predict Who Will Click, Buy, Lie, or Die.* Hoboken, N.J.: Wiley, 2013.
- Sigelman, Benjamin H., Luiz Andre Barroso, Mike Burrows, Pat Stephenson, Manoj Plakal, Donald Beaver, Saul Jaspan, and Chandan Shanbhag. "Dapper, a Large-scale Distributed Systems Tracing Infrastructure." *Google Research* (2010). http://sites.google.com/site/atlediadema/training-documents/Google%20Technical%20Re
 - http://sites.google.com/site/atlediadema/training-documents/Google%20Technical%20Report%20-%20dapper,%202010.pdf.
- Sigoure, Benoit, and Viral Bajaria. *AsyncHBase*, 09:34:33. https://github.com/OpenTSDB/asynchbase.
- Silva, Francisco Javier Blanco. *Learning Scipy for Numerical and Scientific Computing*. [S.l.]: Packt Publishing Limited, 2013.

- Simon, Phil. Too Big to Ignore: The Business Case for Big Data, 2013.
- Singh, Chandeep. "Ingesting XML in Hive Using XPath." *The Data Stack*, 11:02:02. https://communities.intel.com/community/datastack/blog/2013/08/15/hadoop-tutorials-ingesting-xml-in-hive-using-xpath.
- Sinton, Antoine. "Building an Elasticsearch Index Offline Using Hadoop Pig," n.d. http://www.poudro.com/blog/building-an-elasticsearch-index-offline-using-hadoop-pig/.
- SlamData. Labcoat. Accessed October 17, 2013. https://github.com/precog/labcoat-new.
- ——. *Precog Platform*, 16:43:01. https://github.com/precog/platform.
- Smeets, Bart. "Creating a Business Dashboard in R," 14:20:32.

http://www.r-bloggers.com/creating-a-business-dashboard-in-r/.

Smith, Justin. *Hbase-Writer*. Accessed October 14, 2013. https://code.google.com/p/hbase-writer/.

Smith, Tim. "aRrgh - A Newcomer's (angry) Guide to Data Types in R." *GitHub*, 21:32:20. https://github.com/tdsmith/aRrgh.

Smolan, Rick, and Jennifer Erwitt. *The Human Face of Big Data*. Sausalito, Calif.: Against All Odds Productions, 2012.

Snowplow Analytics. Snowplow, 21:53:31. https://github.com/snowplow/snowplow.

Solid IT. "DB-Engines Ranking," 17:25:54. http://db-engines.com/en/ranking.

Soztutar, Enis. "Apache HBase and HDFS - Understanding Filesystem Usa..." Technology, July 9, 2013. http://www.slideshare.net/cloudera/internals-session-5.

Spotify. Luigi, 10:49:19. https://github.com/spotify/luigi.

———. *Snakebite*, 12:13:47. https://github.com/spotify/snakebite.

Spring Data: Modern Data Access for Enterprise Java. Sebastopol, CA: O'Reilly, 2013.

SpringSource. Spring for Apache Hadoop, 12:14:26.

https://github.com/spring-projects/spring-hadoop.

Square. Crossfilter, 07:29:25. https://github.com/square/crossfilter.

Sripati, Praveen. "Hadoop Tips: Debugging a Hadoop MapReduce Program in Eclipse," n.d. http://www.thecloudavenue.com/2012/10/debugging-hadoop-mapreduce-program-in.htm l.

Stado Global Development Group. Stado, 10:13:14. https://launchpad.net/stado.

Stanford Visualization Group. *Data Wrangler*, n.d. http://vis.stanford.edu/wrangler/app/.

Story, Rob. *Bearcart*, 08:35:13. https://github.com/wrobstory/bearcart.

——. *Vincent*, 08:34:28. https://github.com/wrobstory/vincent.

Strata Conference. *Strata Conference Santa Clara 2013: Complete Video Compilation*. [Calif?].: O'Reilly Media, 2013. http://my.safaribooksonline.com/video/databases/9781449365394.

Strathausen, Johann Philipp. *Graph Dracula*, 17:41:23. https://github.com/strathausen/dracula.

 $Stripe.\ \textit{MoSQL}, n.d.\ https://github.com/stripe/mosql.$

Stucchio, Chris. "Don't Use Hadoop - Your Data Isn't That Big." Accessed October 17, 2013. http://www.chrisstucchio.com/blog/2013/hadoop_hatred.html.

Sturm, Brian W. "The Enchanted Imagination: Storytelling's Power To Entrance Listeners." *School Library Media Research* 2 (1999).

http://www.eric.ed.gov/ERICWebPortal/recordDetail?accno=EJ593526.

Sumbaly, Roshan, Jay Kreps, Lei Gao, Alex Feinberg, Chinmay Soman, and Sam Shah. "Serving Large-scale Batch Computed Data with Project Voldemort." In *Proceedings of the 10th USENIX Conference on File and Storage Technologies*, 18–18, 2012. http://dl.acm.org/citation.cfm?id=2208479.

Sumbaly, Roshan, Jay Kreps, and Sam Shah. "The Big Data Ecosystem at LinkedIn." 1125–1134, 2013. http://dl.acm.org/citation.cfm?id=2463707.

Sweet, Nathan. Kryo, 18:23:35. http://code.google.com/p/kryo/.

SymPy Development Team. *SymPy*, 09:26:18. http://sympy.org.

SYSTAP. Bigdata, n.d.

http://sourceforge.net/apps/mediawiki/bigdata/index.php?title=Main_Page.

Tableau Software. *Tableau*, 11:00:58. http://www.tableausoftware.com.

Talend. *Talend Big Data*, 10:11:42. http://www.talend.com/products/big-data.

Talwalkara, Ameet, Tim Kraskaa, Rean Griffithb, John Duchia, Joseph Gonzaleza, Denny Britza, Xinghao Pana, Virginia Smitha, Evan Sparksa, and Andre Wibisonoa. "MLbase: A Distributed Machine Learning Wrapper." Accessed October 20, 2013. http://www.cs.berkeley.edu/~ameet/dmx_nips.pdf.

Tavory, Ami. *DAGPype*, 14:22:31. https://pypi.python.org/pypi/DAGPype.

Taylor, James. *Decision Management Systems a Practical Guide to Using Business Rules and Predictive Analytics*. [Boston, Mass.]: IBM Press/Pearson Education, 2012. http://www.books24x7.com/marc.asp?bookid=45443.

Teetor, Paul. R Cookbook. 1st ed. Beijing; Sebastopol, CA: O'Reilly, 2011.

The Gephi Consortium. Gephi, n.d. https://gephi.org/.

The Legacy of Fischer Black. New York: Oxford University Press, 2005.

The Miso Project. D3.chart, 22:17:36. https://github.com/misoproject/d3.chart.

——. *Dataset.js*, 22:16:24. https://github.com/misoproject/dataset.

The OpenTSDB Authors, Benoit Sigoure, Geoffrey Anderson, Ion Savin, and Will Moss. *OpenTSDB*, 09:32:28. http://opentsdb.net/.

The PostgreSQL Global Development Group. *PostgreSQL*, 11:40:33. http://www.postgresql.org/.

The PyData Development Team. *Pandas*, 14:26:56. https://github.com/pydata/pandas.

The R Foundation. *The R Project*, 09:16:32. http://www.r-project.org/.

The Saddle Development Team. SADDLE, 22:51:09. https://github.com/saddle/saddle.

theguardian.com. "All Our Datasets: The Complete Index," 13:58:15.

http://www.theguardian.com/news/datablog/interactive/2013/jan/14/all-our-datasets-index.

Thorp, Jer. "Visualization as Process, Not Output," n.d. http://blogs.hbr.org/cs/2013/04/visualization_as_process.html.

Ting, Kathleen, and Jarek Jarcec Cecho. *Apache Sqoop Cookbook*. Sebastopol, CA: O'Reilly Media, 2013.

TinkerPop. *Gremlin*, 14:30:37. https://github.com/tinkerpop/gremlin.

Tran, Nga, Sreenath Bodagala, and Jaimin Dave. "Designing Query Optimizers for Big Data Problems of The Future." *Proceedings of the VLDB Endowment* 6, no. 11 (2013). http://db.disi.unitn.eu/pages/VLDBProgram/pdf/flash/Vertica.pdf.

Trifacta. Triflow, 12:56:37. https://github.com/trifacta/triflow.

——. *Vega*, 12:56:53. https://github.com/trifacta/vega.

Trudeau, Richard J, and Richard J Trudeau. *Introduction to Graph Theory*. New York: Dover Pub., 1993.

Tsvetovat, Maksim. SnowWhite, 15:45:52. https://github.com/maksim2042/snowwhite.

Tsvetovat, Maksim, and Alexander Kouznetsov. *Social Network Analysis for Startups: [finding Connections on the Social Web]*. Sebastopol, CA: O'Reilly Media, 2011.

Tufte, Edward R. Visual Explanations: Images and Quantities, Evidence and Narrative. Cheshire, Conn: Graphics Press, 1997.

Tupper, Charles. *Data Architecture: From Zen to Reality*. Burlington, MA: Morgan Kaufmann/Elsevier, 2011.

Twimpact. Streamdrill. Accessed October 20, 2013. https://streamdrill.com/.

Twitter. *Ambrose*, 20:22:28. https://github.com/twitter/ambrose.

———. *Aurora*. Accessed October 20, 2013. https://github.com/twitter/aurora.

——. *Chill*, 18:16:38. https://github.com/twitter/chill.

———. *Elephant Twin*, 20:33:56. https://github.com/twitter/elephant-twin.

-----. *Finagle*, 09:49:04. https://github.com/twitter/finagle.

. FlockDB. Accessed October 20, 2013. https://github.com/twitter/flockdb.

-----. *Hadoop-LZO*, 18:20:28. https://github.com/twitter/hadoop-lzo.

——. Scalding, 18:15:14. https://github.com/twitter/scalding.

. Snowflake, 14:09:59. https://github.com/twitter/snowflake.

———. *Summingbird*, 18:15:42. https://github.com/twitter/summingbird.

. Zipkin, 12:51:39. https://github.com/twitter/zipkin.

Twitter, and Cloudera. Parquet, 09:55:21. http://parquet.io/.

Twitter, Kevin Weil, Dmitriy Ryaboy, Chuang Liu, and Florian Leibert. *Elephant Bird*, 18:23:49. https://github.com/kevinweil/elephant-bird.

Typesafe. Akka, 09:39:54. http://akka.io/.

Üngür, Osman. Simmetrica, 11:12:53. https://github.com/o/simmetrica.

University of Athens. *madIS*, n.d. http://code.google.com/p/madis/.

University of Ljubljana. Orange, 12:24:23. http://orange.biolab.si/.

University of Waikato. Weka 3, 12:25:07. http://www.cs.waikato.ac.nz/%7Eml/weka/.

Uruchurtu, Linda. "38 Tools For Beautiful Data Visualisations," 12:58:31.

http://www.elisa-dbi.co.uk/blog/38-tools-for-beautiful-data-visualisations/.

Valiant, Leslie G. "A Bridging Model for Parallel Computation." *Commun. ACM* 33, no. 8 (August 1990): 103–111. doi:10.1145/79173.79181.

Vernat, Emeric. *JavaMelody*, 12:53:37. https://code.google.com/p/javamelody/.

Vertica. Vertica Avro Parser, 17:05:31. https://github.com/vertica/Vertica-Extension-Packages.

——. Vertica-Hadoop-Connector, 20:38:30.

https://github.com/vertica/Vertica-Hadoop-Connector.

Verwoerd, Jos. "Data, Data, Data: Thousands of Public Data Sources," n.d.

http://blog.bigml.com/2013/02/28/data-data-data-thousands-of-public-data-sources/.

Villellas, Oscar. "Faster, More Memory Efficient SQL Queries via IOPro," n.d. http://continuum.io/blog/iopro-pyodbc-performance.

Voldemort Development Team. *Voldemort*, 10:22:32. https://github.com/voldemort/voldemort.

Waber, Ben. *People Analytics How Social Sensing Technology Will Transform Business and What It Tells Us About the Future of Work*. Upper Saddle River, N.J.: FT Press, 2013. http://proquest.safaribooksonline.com/?fpi=9780133158342.

Wampler, Dean. "Hadoop Data Warehousing with Hive." 00:12:36. http://strataconf.com/strata2013/public/schedule/detail/26899.

Wang, R. "Ray." "What a Big-Data Business Model Looks Like." *Harvard Business Review*, 22:24:37. http://blogs.hbr.org/2012/12/what-a-big-data-business-model/.

Warden, Pete. Data Source Handbook. 1st ed. Sebastopol, CA; Beijing [China]: O'Reilly, 2011. White, Brandyn. *Hadoopy*, 21:24:12. https://github.com/bwhite/hadoopy. White, Tom. Hadoop: The Definitive Guide. Farnham; Sebastopol, Calif.: O'Reilly, 2012. Wickham, Hadley. "Advanced R Development," 12:56:23. https://github.com/hadley/adv-r/. http://www.polisci.ucla.edu/workshops/ap-workshop-papers/Hadley%20Wickham%20Pa per-%2004-08-13.pdf. ———. *Ggplot2*, 12:59:38. http://ggplot2.org/. . Lubridate, 12:59:04. https://github.com/hadley/lubridate. ——. *Plyr*, 12:59:18. https://github.com/hadley/plyr. . "The Split-apply-combine Strategy for Data Analysis." Journal of Statistical Software 40, no. 1 (2011): 1–29. William, Sam. "Building Scalable Big Data Infrastructure Using Open Source Software." 00:09:43. http://strataconf.com/strata2013/public/schedule/detail/27419. Wilson, Chris. "Binify + D3 = Gorgeous Honeycomb Maps," 19:50:23. http://mechanicalscribe.com/notes/binify-d3-topojson-tutorial/. Wilson, Greg. "Software Carpentry: A Rational Computing Process: How and Why to Fake It," 23:04:03. http://software-carpentry.org/blog/2013/05/rational-computing-process.html. Wise, Lyndsay. Using Open Source Platforms for Business Intelligence: Avoid Pitfalls and Maximize ROI. Waltham, MA: Morgan Kaufmann, 2012. Wittenauer, Allen. "Hadoop Operations at LinkedIn." March 21, 2013. http://www.slideshare.net/allenwittenauer/2013-hadoopsummitemea?ref=http://eventifier. co/event/hadoopsummit2013/slides. -. "Hadoop Performance at LinkedIn." January 19, 2013. http://www.slideshare.net/allenwittenauer/2012-lihadoopperf. Wong, Dona M. The Wall Street Journal Guide to Information Graphics: The Dos and Don'ts of Presenting Data, Facts, and Figures. 1st ed. New York: W.W. Norton & Co, 2010. Wood, David. Linked Data. [S.l.]: O'Reilly Media, 2013. http://www.manning.com/dwood/. Wu, Lili, Roshan Sumbaly, Chris Riccomini, Gordon Koo, Hyung Jin Kim, Jay Kreps, and Sam Shah. "Avatara: OLAP for Web-scale Analytics Products." *Proc. VLDB Endow.* 5, no. 12 (August 2012): 1874–1877. Xavier, Amatriain, and Justin Basilico. "The Netflix Tech Blog: System Architectures for Personalization and Recommendation," 23:52:37. http://techblog.netflix.com/2013/03/system-architectures-for.html. Xin, Reynold. "An Introduction to the Berkeley Data Analytics Stack (BDAS) Featuring Spark, Spark Streaming, and Shark." 23:11:02. http://strataconf.com/strata2013/public/schedule/detail/27438. Xin, Reynold, Josh Rosen, Matei Zaharia, Michael J. Franklin, Scott Shenker, and Ion Stoica. "Shark: SQL and Rich Analytics at Scale." arXiv Preprint arXiv:1211.6176 (2012). http://arxiv.org/abs/1211.6176. Yahoo. Storm-yarn, 10:10:02. https://github.com/yahoo/storm-yarn. Yang, Fangjin. "Fast, Cheap, and 98% Right: Cardinality Estimation for Big Data." *Metamarkets*, 17:50:04. http://metamarkets.com/2012/fast-cheap-and-98-right-cardinality-estimation-for-big-data/

Yau, Nathan. Data Points Visualization That Means Something. Hoboken, N.J.: Wiley, 2013.

http://lib.myilibrary.com?id=471991.

— . Visualize This: The FlowingData Guide to Design, Visualization, and Statistics. Indianapolis, Ind: Wiley, 2011. http://www.myilibrary.com?id=317758.

Yelp. *Mrjob*, 21:23:32. https://github.com/Yelp/mrjob.

Yhat. *Pandasql*, 09:20:38. https://github.com/yhat/pandasql.

Zadrozny, Peter. Big Data Analytics Using Splunk. [New York, N.Y.]: Apress, 2013.

Zaharia, MATEI, MOSHARAF Chowdhury, TATHAGATA Das, ANKUR Dave, JUSTIN Ma, MURPHY McCauley, M. Franklin, SCOTT Shenker, and I. Stoica. "Fast and Interactive Analytics over Hadoop Data with Spark." Accessed October 17, 2013.

https://www.usenix.org/system/files/login/articles/zaharia.pdf.

Zaitlen, Benjamin. "Wakari and Big Finance," 22:35:42.

http://continuum.io/blog/wakari-and-big-finance.

Zeyliger, Philip. "Debug Servlets, or 'HTTP Won; Use It' - Philz," n.d.

http://omel.ette.org/blog/2013/02/06/debug-servlets/.

------. "Tricks for Distributed System Debugging and Diagnosis." 00:22:43. http://strataconf.com/strata2013/public/schedule/detail/27194.

Zhai, Ke, Jordan Boyd-Graber, Nima Asadi, and Mohamad L. Alkhouja. "Mr. LDA: A Flexible Large Scale Topic Modeling Package Using Variational Inference in MapReduce." 879–888, 2012. http://dl.acm.org/citation.cfm?id=2187955.