[1] John Gantz and David Reinsel. THE DIGITAL UNIVERSE IN 2020: Big Data, Bigger Digital Shadows, and Biggest Growth in the Far East. December 2012

[2] David Reinsel – John Gantz – John Rydning. The Digitization of the World From Edge to Core. November 2018

[3] Data never sleeps. <https://www.domo.com/learn/data-never-sleeps-7>

[4] James Manyika Michael Chui Brad Brown Jacques Bughin Richard Dobbs Charles Roxburgh Angela Hung Byers. Big data: The next frontier for innovation, competition, and productivity. McKinsey Global Institute

[5] Carlos A. Gomez-Uribe and Neil Hunt. 2015. The Netflix recommender system: Algorithms, business value, and innovation. ACM Trans. Manage. Inf. Syst. 6, 4, Article 13 (December 2015)

[6] Netflix Recommendations: Beyond the 5 stars. <https://netflixtechblog.com/netflix-recommendations-beyond-the-5-stars-part-1-55838468f429>

[7] GORDON E. MOORE. Cramming more components onto integrated circuits. Electronics, Volume 38, Number 8, April 19, 1965

[8] Intel's Core i7 870 & i5 750. <https://www.anandtech.com/show/2832>

[9] Intel® Xeon® Processor X7560 <https://ark.intel.com/content/www/us/en/ark/products/46499/intel-xeon-processor-x7560-24m-cache-2-26-ghz-6-40-gt-s-intel-qpi.html>

[10] AMD EPYC™ 7H12. <https://www.amd.com/en/products/cpu/amd-epyc-7h12>

[11] Google Iowa data center. <https://www.google.com/about/datacenters/gallery/>

[12] Sanjay Ghemawat, Howard Gobioff, and Shun-Tak Leung. The Google File System. SOSP’03, October 19–22, 2003, Bolton Landing, New York, USA.

[13] Jeffrey Dean and Sanjay Ghemawat. MapReduce: Simplified Data Processing on Large Clusters. OSDI'04: Sixth Symposium on Operating System Design and Implementation, San Francisco, CA (2004), pp. 137-150

[14] Konstantin Shvachko, Hairong Kuang, Sanjay Radia, Robert Chansler. MSST '10: Proceedings of the 2010 IEEE 26th Symposium on Mass Storage Systems and Technologies (MSST)May 2010 Pages 1–10

[15] MATEI ZAHARIA, REYNOLD S. XIN, PATRICK WENDELL, TATHAGATA DAS, MICHAEL ARMBRUST, ANKUR DAVE, XIANGRUI MENG, JOSH ROSEN, SHIVARAM VENKATARAMAN, MICHAEL J. FRANKLIN, ALI GHODSI, JOSEPH GONZALEZ, SCOTT SHENKER, AND ION STOICA. Apache Spark: A Unified Engine for Big Data Processing. Communications of the ACM October 2016

[16] Apache Spark. <https://spark.apache.org/>

[17] Spark Architecture and Deployment Environment. <https://medium.com/@goyalsaurabh66/spark-architecture-and-deployment-f713ac031a88>

[18] RDD Programming Guide. <https://spark.apache.org/docs/latest/rdd-programming-guide.html>

[19] John L. Hennessy, David Patterson. Computer Architecture: A Quantitative Approach

[20] Memory hierarchy. <https://www.cs.swarthmore.edu/~kwebb/cs31/f18/memhierarchy/mem_hierarchy.html>

[21] Karlheinz Brandenburg. MP3 AND AAC EXPLAINED. Fraunhofer Institute for Integrated Circuits FhG-IIS A, Erlangen, Germany. The Audio Engineering Society 17th International Conference: High-Quality Audio Coding, 2-5 September 1999

[22] D. Lemire1 , G. Ssi-Yan-Kai2 , O. Kaser3. Consistently faster and smaller compressed bitmaps with Roaring. Software: Practice and Experience Volume 46, Issue 11, pages 1547-1569, November 2016

[23] Apache Parquet. <https://parquet.apache.org/>

[24] Apache Impala. <https://impala.apache.org/>

[25] Daniel J. Abadi, Samuel R. Madden, Nabil Hachem. Column-Stores vs. Row-Stores: How Different Are They Really?. SIGMOD’08, June 9–12, 2008, Vancouver, BC, Canada

[26] Chunbin Lin, Jianguo Wang, Yannis Papakonstantinou. Data Compression for Analytics over Large-scale In-memory Column Databases. June 2016

[27] Best practices for successfully managing memory for Apache Spark applications on Amazon EMR. <https://aws.amazon.com/blogs/big-data/best-practices-for-successfully-managing-memory-for-apache-spark-applications-on-amazon-emr/>

[28] Sameer Agarwal, Barzan Mozafari, Aurojit Panda, Henry Milner, Samuel Madden, Ion Stoica. BlinkDB: Queries with Bounded Errors and Bounded Response Times on Very Large Data. Eurosys ’13, 15-17 April 2013, Praque, Czech Republic

[29] Memcached. <https://memcached.org/>

[30] Redis. <https://redis.io/>