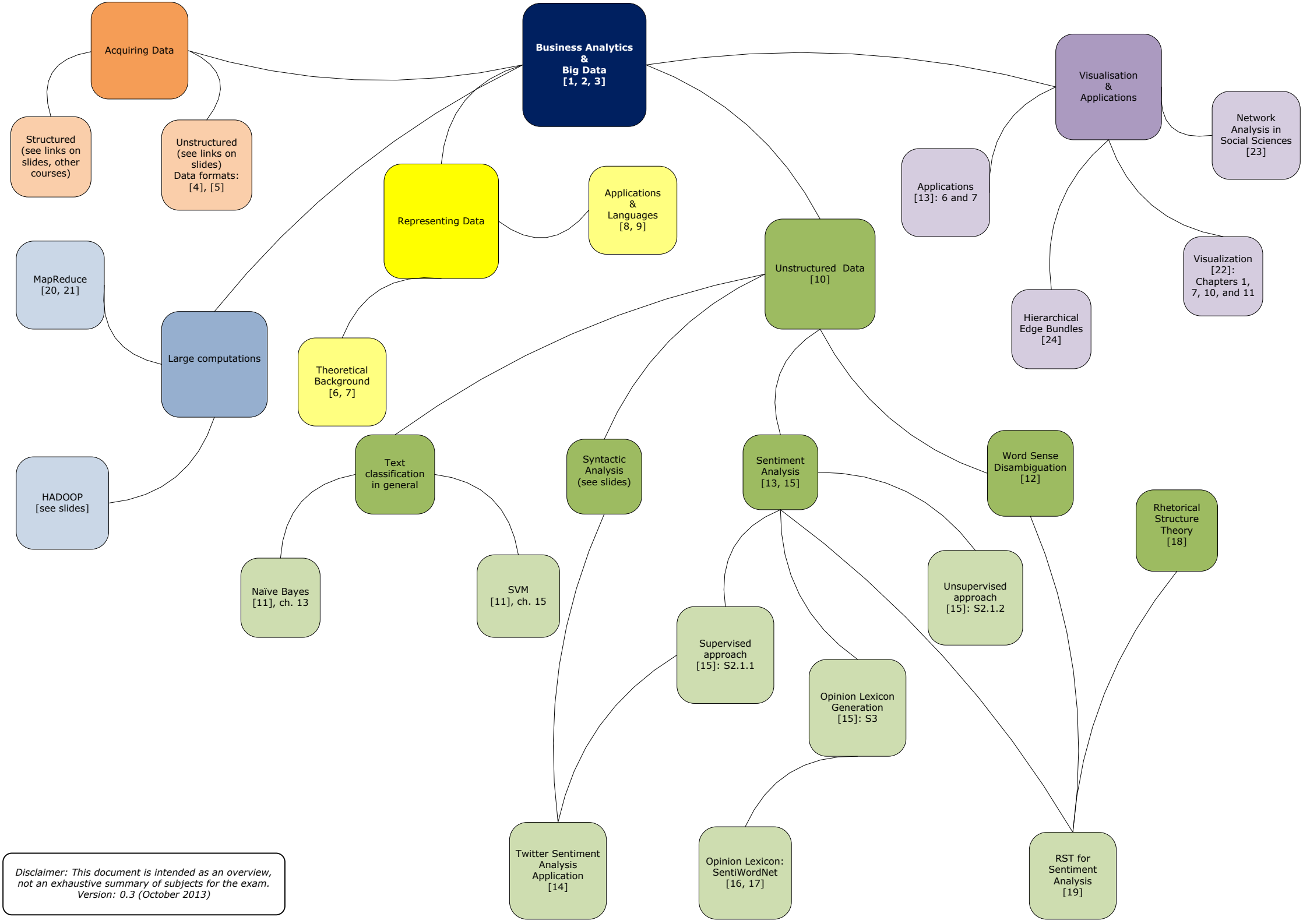

Disclaimer: This document is intended as an overview, not an exhaustive summary of subjects for the exam. Version: 0.3 (October 2013)

Required reading

[1]	The Deciding Factor: Big Data & Decision Making, by the Economist Intelligence Unit.	Available here
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[3]	Chen, H., Chiang, R.H.L & Storey, V.C. Business Intelligence and Analytics: From Big Data to Big Impact. MIS Quarterly, vol. 36, no. 4, pp. 1165-1188.	Univ. Library
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[6]	Davis, R., Shrobe, H., & Szolovits, P. (1993). What is a knowledge representation?. AI magazine, 14(1), 17.	Available here
[7]	Berners-Lee, T., Hendler, J., & Lassila, O. (2001). The semantic web. Scientific American, 284(5), 28-37.	Available here
[8]	RDF Primer by W3C.	Available here
[9]	OWL2 Primer by W3C.	Available here
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[11]	Christopher D. Manning, Prabhakar Raghavan and Hinrich Schütze, Introduction to Information Retrieval, Cambridge University Press. 2008. Required reading: chapters 13, and 15.	Available here
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[20]	Dean, J., & Ghemawat, S. (2008). MapReduce: simplified data processing on large clusters. Communications of the ACM, 51(1), 107-113.	Available here
[21]	Lin, J., & Dyer, C. (2010). Data-intensive text processing with MapReduce. Morgan & Claypool Publishers. Required reading: Chapter 2.	Available here
[22]	Steele, J., & Iliinsky, N. (2010). Beautiful visualization. O'Reilly Media, Inc. Required reading: Chapters 1, 7, 10, and 11.	Available here
[23]	Borgatti, S. P., Mehra, A., Brass, D. J., & Labianca, G. (2009). Network analysis in the social sciences. Science, 323(5916), 892-895.	Available here
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