



Reading List – CM3010 Databases and Advanced Data Techniques

Topics 1–5

Chen, P. 'The Entity-Relationship Model – Toward a Unified View of Data', *ACM Transactions on Database Systems* 1(1) 1976, pp.9–36. [Online Library](#).

Codd, E. 'A relational model of data for large shared data banks', *Comms of the ACM* 13/6 1970, pp.377–87. [Online Library](#).

Codd, E. '[Normalized data base structure: a brief tutorial](#)'. In Proceedings of the 1971 ACM SIGFIDET (now SIGMOD) Workshop on Data Description, Access and Control (SIGFIDET '71). Association for Computing Machinery, New York, NY, USA (1971) pp.1–17.

Date, C.J. [Database Design and Relational Theory](#). (Healdsburg, CA: Apress, 2019) Chapter 4. FDs and BCNF (informal)

Härder, T and A. Reuter 'Principles of Transaction-Oriented Database Recovery', *ACM Computing Surveys*, 15/4 1983. [Online Library](#).

Katie Rawson and Trevos Muñoz, '[Against Cleaning](#)' from Matthew K. Gold and Lauren F. Klein *Debates in the Digital Humanities*, 5 (University of Minnesota Press, 2019).

Lewis, D. *CO2209 Database systems*. (London: University of London, 2016).

Web resources

Alex Ball, [How to License research data](#),

[Databases using R](#).

[How Mapping Relationships Between Jazz Musicians Elevates Unsung Histories](#),

[Linked Jazz](#)

[n odejs](#)

[P HP](#)

[P ython](#)

[Trevor Munoz, 'Refining the problem'](#)

[Trevor Munoz, 'What IS on the menu'](#)

[What's on the menu](#)