

Data Science - Notebook

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The self-study that I expect you to do

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The self-study that I expect you to do for each topic is:

- Business understanding: Data Science for Business chapter 1, 2 & 11 and Appendix A, and the Business understanding questionnaire (Minerva -> Learning Resources -> Lectures - other handouts & material)
- Data understanding: None
- Data preparation: Data quality film <https://tinyurl.com/VizDataQuality>
- Linkage: Data linkage technical report https://lida.leeds.ac.uk/wp-content/uploads/2021/01/QuantiCode_technical_report.pdf and Scottish Informatics Programme film <https://www.youtube.com/watch?v=smnnD9ZXwP0>
- Similarity & clustering: Data Science for Business chapter 6
- Classification: Data Science for Business chapter 3
- Model-fitting: Data Science for Business chapters 4 & 5
- Evaluation: Data Science for Business chapter 7
- Big data: Growing data science teams <http://stanke.co/13-tips-for-growing-data-science-teams> and Visual analytics commercial systems paper (in Minerva -> Learning Resources -> Lectures - other handouts & material)

The module textbook is available online via the University Library (Provost & Fawcett, 2013. Data Science for Business: What you need to know about data mining and data-analytic thinking).

I also recommend you read the Writing Tips I have provided (Minerva -> Learning Resources -> Lectures - other handouts & material).
