

Magisterprogram i dataanalys och ekonomi **Kurslitteratur – HT2024/VT2025**

MSc in Data Analytics and Business Economics **Literature – autumn term 2024/spring term 2025**

DABN13 Machine Learning from a Regression Perspective

Lindholm, A., Wahlström, N., Lindsten, F., & Schön, T. B. (2022): *Machine Learning: A First Course for Engineers and Scientists*. Cambridge University Press.

James, G., Witten, D., Hastie, T., & Tibshirani, R. (2021). *An introduction to statistical learning*. Second edition. New York: Springer.

Supplementary material.

DABN14 Advanced Machine Learning

Lindholm, A., Wahlström, N., Lindsten, F., & Schön, T. B. (2022): *Machine Learning: A First Course for Engineers and Scientists*. Cambridge University Press.

James, G., Witten, D., Hastie, T., & Tibshirani, R. (2021). *An introduction to statistical learning*. Second edition. New York: Springer.

Supplementary material.

DABN17 Analytics-based Strategic Management

Besanko, David, David Dranove, Mark Shanley and Scott Schaefer (2017): *Economics of Strategy*, seventh edition, John Wiley & Sons Inc.

Supplementary material.

DABN18 Legal aspects of Data Analytics

A selection of statutory (legal) texts, and scholarly articles.

Supplementary course material to be provided electronically on the learning platform

DABN19 Data Visualisation

Healy, K. J. (2018): *Data visualization: a practical introduction*, Princeton University Press. Also available from <https://socviz.co/>. ISBN: 978-0-691-18162-2.

Wickham, H. (2016): *ggplot2: Elegant Graphics for Data Analysis*, 2nd ed. Springer. Also available from <https://ggplot2-book.org/>. ISBN: 978-3-319-24275-0.

Supplementary material.

DABN20 Working with Databases

A set of articles.

DABN22 Introduction to Programming

VanderPlas, J. (2016): *Python Data Science Handbook*, O'Reilly Media, Inc. Also available from <https://jakevdp.github.io/PythonDataScienceHandbook/>.