Data science: analytics and visualisation 880 (TRG 880)

Qualification	Postgraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	20.00
Programmes	MCom Advanced Data Analytics (Coursework)
	MSc Advanced Data Analytics (Coursework)
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	Admission to relevant programme.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1 or Semester 2

Module content

Supervised learning and applications. Multicollinearity, ridge regression, the LASSO and the elastic net. Parametric and nonparametric logistic regression and nonlinear regression. Survival regression. Regression extensions: Random forests MARS and Conjoint analysis. Neural networks.

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