Statistical and machine learning 880 (MVA 880)

Qualification	Postgraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	20.00
NQF Level	09
Programmes	MCom (Advanced Data Analytics) (Coursework)
	MSc (Advanced Data Analytics) (Coursework)
Service modules	Faculty of Natural and Agricultural Sciences
Prerequisites	Admission to the 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

Unsupervised learning: deterministic clustering, model-based clustering, latent class and behavioural analytics, dimension reduction. Natural language processing and topic modelling; recommender systems. Organisation of data, data wrangling and data structure exploration.

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