University of Pretoria Yearbook 2022

Decision modelling and machine learning 712 (GIA 712)

Qualification	Postgraduate
Faculty	Gordon Institute of Business Science
Module credits	10.00
NQF Level	08
Programmes	PGDip (Business Administration) Full-time
	PGDip (Business Administration) Part-time
	PGDip (General Management)
Prerequisites	No prerequisite.
Contact time	35 contact hours per 3 week-cycle
Department	Gordon Institute of Business Science
Period of presentation	Semester 1 or Semester 2

Module content

This module exposes students to machine and statistical learning algorithms that can be used to manipulate big data, identify trends from the data, modelling trends for prediction purposes as well as modelling for the detection of hidden knowledge. Student will learn to Identify settings in which models can be used effectively and apply modelling concepts in practical situations, including visualisation – the encoding of information, such as patterns, into visual objects.

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