

University of Pretoria Yearbook 2021

Applications in data science 212 (WST 212)

Qualification	Undergraduate
Faculty	Faculty of Economic and Management Sciences
Module credits	12.00
NQF Level	06
Programmes	BCom Informatics Information Systems
	BCom Investment Management
	BCom Statistics and Data Science
	BIT Information Systems
	BSc Computer Science
	BSc Information and Knowledge Systems
	BSc Actuarial and Financial Mathematics
	BSc Mathematical Statistics
Prerequisites	WST 111, WST 121 or STK 110, STC 122
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 1

Module content

Introductory machine learning concepts. Data base design and use. Data preparation and extraction. Statistical modelling using data base structures. Statistical concepts are demonstrated and interpreted through practical coding and simulation within a data science framework.

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