

University of Pretoria Yearbook 2020

Applications in data science 212 (WST 212)

Qualification Undergraduate

Faculty [Faculty of Economic and Management Sciences](#)

Module credits 12.00

Programmes [BCom Investment Management](#)

[BCom Statistics and Data Science](#)

[BIT Information 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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