

University of Pretoria Yearbook 2020

Data visualisation and exploration 804 (NEP 804)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 15.00

Programmes [MSc eScience \(Coursework\)](#)

Prerequisites No prerequisites.

Language of tuition Module is presented in English

Department Statistics

Period of presentation Semester 1 or Semester 2

Module content

Data and image models; visualisation attributes (colour) and design (layout); exploratory data analysis; interactive data visualisation; multidimensional data; graphical perception; visualisation software (Python & R); and types of visualisation (animation, networks and text).

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