

University of Pretoria Yearbook 2016

Analytical tools and techniques 852 (GIE 852)

Qualification	Postgraduate
Faculty	Gordon Institute of Business Science
Module credits	9.00
Language of tuition	English
Academic organisation	Gordon Institute of Business S
Period of presentation	Semester 2

Module content

In this module students will examine and apply statistical tools used in business decision-making. Statistical methods will be introduced in a non-technical manner and developed in business contexts. Topics include the time value of money, descriptive and inferential statistics, the basis of investment decisions, risk, net present value, the internal rate of return, and basic probability theory. Statistical computer packages play a major supporting role in statistical applications, and frequently encountered spreadsheet and software packages will be utilised during the course. Students will learn how to interpret the information contained in management data, and to define and analyse management problems quantitatively. You will develop an intuitive understanding of statistical techniques through explanations of methods and interpretation of real business problems. Ultimately, if you need to consult experts in this area, you will be better able to select, evaluate and use their services.

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