AIM:
One of the most important skills that a manager can possess is the ability to collect, analyse and interpret data. Data analysis in the context of organisations can assist managers in making empirically informed decisions. This series of lectures and tutorials will provide an introduction to quantitative research in the area of organisation studies. This material is useful for aspiring managers, nearly all of whom are now expected to have a strong command of data analysis.

METHOD OF TEACHING & LEARNING:
There will be two one-hour lectures per week, across seven weeks, for a total of 14 hours of lecture. Students will also attend three one-hour tutorials where they will review the material covered in lecture and prepare for the exam.

The lecturer will have office hours once a week to deal with student enquiries.

Note that tutorials will commence in Week 2 of the second semester.

LEARNING OUTCOMES:
By the end of the module, students should:
• have an understanding of data collection methods to support management decision-making;
• be able to use (basic) quantitative methods in a business context;
• be able to present data;
• be able to communicate statistical information.
INDICATIVE TOPIC OUTLINE:
Lecture Topics:
1. Descriptive statistics
2. Elementary probability
3. Data presentation
4. Sampling methods
5. Probability distributions
6. Sampling distributions and confidence intervals
7. Hypothesis testing

ASSESSMENT:
The assessment of the MN1002 Statistics component comprises a Class Test and an Exam.

CORE READING LIST: