

Additional courses that can be delivered in-company

In addition to the list of courses below, most of our public courses can be delivered as in-company sessions.

Introduction to Statistics

The six concepts of statistical thinking – 1 day – Foundation

Course tutor: Nigel Marriott

This refreshingly different course provides you with an introduction to statistics and analyses and takes you through the six key concepts that underlie all statistical thinking and analysis.

Turn trends into actions – 1 day – Foundation

Course tutor: Nigel Marriott

If you're looking to improve the way you plan your business and save money by introducing statistical forecasting, then this course is ideal.

Add value with statistical thinking – 1 day – Foundation

Course tutor: Nigel Marriott

Statistical thinking should not be the preserve of technical experts. If your role requires you to understand and make use of statistical data and reports produced by other analysts, then you need to be a statistical thinker as well.

Analytical Teams – 2 day – Foundation

Course tutors: Duncan Miles and Dennis Greer

Today there are greater opportunities for analytical teams to work with their customers, to help them plan and deliver business outputs in an efficient and effective way, and with measurable impact. But how do you ensure that your analytical advice is heard, understood, used and valued? What barriers get in the way of building powerful and productive partnerships and how can they be overcome?

Introduction to Bayesian analysis – 1 day – Foundation

Course tutor: Richard D. Morey

This course will introduce attendees to Bayesian statistics, from the underlying philosophy, to the general methods, and ending with practical guidance showing how to analyse data using Bayesian techniques.

Inspirational leadership within a statistical organisation – 1 day – Foundation

Course tutors: Duncan Miles and Dennis Greer

Statisticians play a crucial role in providing evidence and advice to help others in their efficiency agendas, whilst also finding efficiencies of their own. This two-day workshop aims to enhance participants' understanding of effective leadership behaviours, with emphasis on leading through periods of uncertainty, change and when facing dilemmas.

Career development courses

Effective presentation within a statistical organization – 1 day – Foundation

Course tutors: Duncan Miles and Dennis Greer

This course is for statisticians who are expected to deliver presentations to large and small audiences, and who would like to be more polished and confident in doing so.

Mentoring and coaching within a statistical organization – 1 day – Foundation

Course tutors: Duncan Miles and Dennis Greer

Mentoring and coaching can be powerful and cost-effective ways of developing people within the workplace. There is a wealth of evidence to show that the usefulness of mentoring and coaching relationships is significantly enhanced if the mentor/coach has been trained in how to undertake the role.

Software courses

Introduction to R – 1 day – Foundation

Course tutor: Paul Baxter

This course focuses on entering, working with and visualising data in the R environment for statistical computing.

Introduction to modelling R Commander – 1 day – Foundation

Course tutor: Paul Baxter

This course will introduce participants to the R environment for statistical computing using R commander – a menu-driven interface to R.

Regression modelling in R– 1 day – Foundation

Course tutor: Paul Baxter

This course will introduce participants to regression modelling in R, including linear, general logistic and survival models.

Technical courses

Questionnaire design – 1 day – Foundation

Course tutor: Pamela Campenalli

Through looking at a wide range of pitfalls, this course explores ways to assess the effectiveness of existing questionnaires as well as how to write successful new questionnaires.

Questionnaire design and web-surveys – 1 day – Foundation

Course tutor: Pamela Campenalli

The first screen of your web survey can make or break your study (Dillman *et al* 2009). This course is about how to create a visually effective respondent-friendly web questionnaire and how to implement it in an optimal way.

Surrogate endpoints in clinical trials – 1 day – Foundation

Course tutor: Geert Molenberghs

The course will present an overview of the developments in surrogate market evaluation, with illustrations predominantly from the fields of ophthalmology, oncology and mental health. It combines applied and methodological aspects, but is not deeply theoretical.

Multilevel modelling with applications – 1 day – Professional

Course tutor: Harvey Goldstein

This course provides an introduction to methods for analysing data with a hierarchical structure. The course covers the basic statistical principles of multilevel modelling, the practical application of multilevel analysis using the MLwiN software, and their interpretation of results.

Time series forecasting – 2 day – Professional

Course tutor: Nigel Marriott

This course offers an introduction to time series forecasting. The course will explain how to forecast time series using univariate and vector statistical time series models, and how to evaluate the forecasts obtained to help decide on the best forecasting specification to be used in practice.