NELSON MANDELA

UNIVERSITY

SHORT COURSE
Data Analysis with Excel for Analysts, Scientists and Engineers

12 - 15 May 2026

The possibilities of spreadsheets are generally underestimated. By employing the data analysis functions, you can increase your understanding of your data and subsequently improve decision-making.

Cost: R6500
Venue: InnoVenton Seminar Room

Participants will acquire a working knowledge of the following:

- How to obtain summaries of a given data set, identify trends and use Z scores
- How to perform inferential statistical analysis such as calculation of confidence intervals, t-tests, ANOVA, etc
- How to perform bivariate and multiple regression analysis on given data and the validation and use of such regression models to define optimum conditions
- How to create an efficient experimental design

You will analyse real and relevant data sets under the guidance of the lecturer. The course emphasis is on interpretation of computer output rather than on calculations. Participants are evaluated by completing a test on the work covered.

Who should attend?

Scientists, engineers and technologists who want to analyse their data by using practical statistical methods available in Excel.

Course requirements

- A good working knowledge of Excel. No previous knowledge of inferential statistics is required.
- A personal laptop with the genuine software MS Excel & memory stick to download course material.

BOOK NOW TO RESERVE YOUR PLACE   http://slp.mandela.ac.za/

For more information and bookings please contact:
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InnoVenton reserves the right to reschedule the SLP if necessary, delegates will be informed accordingly.