



# SACEMA

DST-NRF Centre of Excellence in Epidemiological Modelling and Analysis

**2-6 July  
2018**

9AM TO 5PM

## INTRODUCTION TO R

MANAGEMENT, EXPLORATION AND COMMUNICATION OF DATA

R

R is an open-source, statistical software platform that is growing in popularity. This course is designed to introduce quantitative scientists to the fundamentals of programming in R, using RStudio. Specific topics that will be covered include:

- importing data
- reshaping/tidying data
- merging/joining datasets
- handling dates and transforming numeric and categorical variables
- summarizing data with plots and tables
- producing reproducible and shareable reports.



The course is suitable for graduate students or professionals who are familiar with statistical analysis and have managed or interacted with datasets using other software platforms.



**Register online [www.sacema.org](http://www.sacema.org).**

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