



**On-demand training**

# Data Analysis: Planning and Preparing

## **Expert academics and professionals**

The course was developed in collaboration with 10 experts in data analysis including experienced statisticians and data scientists, journal editors and early career researchers.

## **4 hours learning**

Researchers learn in 2 modules how to develop their data analysis skills, or mentor others through the process.

## **Designed for busy researchers**

The modules contain bite-size lessons to provide an accessible, dip in and out format for busy researchers.

The course is divided into two parts; researchers can track their progress through the course and fit the lessons around their work.

**1** Introduction to data analysis and the importance of planning

**2** Preparing your data for analysis

# Data Analysis: Planning and Preparing

## Five of our experts



**Mark Gardener**

Ecologist, lecturer,  
author and data  
consultant



**João  
Monteiro**

Chief Editor of  
*Nature Medicine*



**Bhramar  
Mukherjee**

Professor and  
Chair University of  
Michigan



**Xavier  
Vilasis-Cardona**

Director and  
Professor,  
Universitat Ramon  
Lull



**Bronwyn Wake**

Chief Editor of  
*Nature Climate  
Change*

This course contains insights from experts with a wide range of experience, including:

- Data-rich fields including physics, medicine, ecology, and epidemiology
- Data science and biostatistics
- Editorial perspectives on common mistakes and good practice in data analysis

## Certificate awarded on course completion

## Learning outcomes for researchers

- Understand the importance of planning and preparing for data analysis
- Learn the key terms and processes relating to data analysis
- Learn the principles of creating and updating a data analysis plan

## Includes:

- resources to drive uptake
- usage reports

## Benefits for institutions

- Maximise the outputs of your researchers as their data analysis becomes more effective and efficient
- Improve the reputation of your institution by ensuring the reliability and reproducibility of data analysis and know that your researchers understand how to plan, prepare and undertake their data analysis
- Support the professional and career development of your researchers while saving staff time on mentoring and training in data analysis methods

Find out about all courses at  
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