

Workshop Agenda (*Draft*)

Day 1: Mastering R Fundamentals

MORNING SESSION (09.00 - 12.00)

- 1 Introduction to the workshop (09:00 - 09:30)
- 2 Getting started with R and RStudio (09:30 - 10:30)
- 3 Learning the building blocks of the R language (10:30 - 12.00)

LUNCH BREAK (12.00 - 13.00)

AFTERNOON SESSION (13:00 - 16:00)

- 1 Working with scalars and vectors (13:00 - 14:30)
- 2 Adding dimensionality with matrices and data frames (14:30 - 15:30)
- 3 Wrap-Up (15:30 - 16:00)

Day 2: Working with data

MORNING SESSION (09.00 - 12:00)

- 1 Recap and ready, set, go for real-world data (09:00 - 09:30)
- 2 Managing R Projects in structured workflows (09:30 - 10:30)
- 3 Merging, reshaping, aggregating data (10:30 - 12.00)

LUNCH BREAK (12.00 - 13.00)

AFTERNOON SESSION (13:00 - 16:00)

- 1 Exploring and visualizing data (13:00 - 14:00)
- 2 Testing hypotheses with statistical tools (14:00 - 15:30)
- 3 Wrap-Up and looking forward (15:30 - 16:00)