

Intro to R for Researchers

An introduction to programming for the research community.

Instructors:

Joy Nyaanga, PhD - Senior Bioinformatician, DPLM

Stella Karuri, PhD - Statistician, SMCRI

Objectives:

This workshop will introduce basic data analysis concepts and methods using the versatile programming language R. This workshop will be divided into three sections: (1) R basics, (2) R for statistics, and (3) R for Bioinformatics. This workshop is appropriate for individuals ranging from those interested in an introduction to using R, to those who maybe have experience in R but want a refresher.

Takeaways:

- Understand how to perform basic data science tasks (data import, data export, transformation, and visualization)
 - Learn R for general statistical analysis
 - Learn R for simple bioinformatic analysis
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Tentative Schedule:

[Workshop website](#)

Date	Topic	Instructor
July 26, 2023	Getting started: The basics of R Programming	Both
July 27, 2023	Case Study: R for Statistics	Stella
July 28, 2023	Case Study: R for Bioinformatics	Joy

💡 *Each class will be divided into 2 sessions. **Session 1** will consist of primarily lecture-based instruction, followed by a break. **Session 2** will consist of interactive example problems.*

Note: This series will be hosted exclusively as an in-person workshop in a Lurie computer lab.