

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) Data Wrangling in R. 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 how to wrangle data in R
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Tentative Schedule:

[Workshop website](#)

Date	Topic	Instructor
October 24, 2023	Getting started: The basics of R Programming	Joy
October 25, 2023	Case Study: R for Statistics	Stella
October 26, 2023	Data Wrangling in R	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.*