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20230424_R for Reproducible Scientific Analysis Workshop

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R for Reproducible Scientific Analysis Workshop

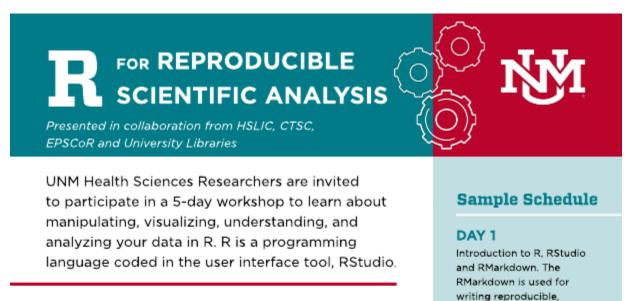by Lori Sloane on April 24th, 2023 in Teaching & Learning | 0 Comments

HSLIC, in collaboration with CTSC, University Libraries, and EPSCoR, is introducing researchers, learners, and novice programmers to the R software environment in an upcoming workshop from May 15-19.

R is a powerful tool for working with research data and is commonly used in many scientific disciplines for statistical analysis. This workshop emphasizes building a foundation on the fundamentals of R and teaches best practices for scientific computing: breaking down analyses into modular units, task automation, and encapsulation. We will provide this active, hands-on training session to introduce you to these tools to help you create reproducible code for wrangling and preparing your data for analysis. The last two days will focus on logistic regression.

The **R for Reproducible Scientific Analysis** workshop is designed for the novice. No prior knowledge of R, RStudio, or RMarkdown is necessary. We step through the process of working with data, followed by a formative assessment exercise. Helpers assist those in-person and virtually to keep pace with the instructor. It's not about teaching specific skills but building confidence and self-efficacy.

You can sign up for this workshop **here** or scan the flyer's QR code. More detailed information about the workshop is posted at the **UNM Health Sciences Center Software Carpentry Workshop**

You can direct any questions to Lori Sloane or Harry Snow.

1:30–4:30 P.M. | MONDAY – FRIDAY

CTSC Conference Room
UNM Health Sciences North Campus

Learn how to manage projects in R.

DAY 2
Manipulation of data tables

DAY 3
Creating publication-quality graphics with ggplot2

DAY 4
Introduction to logistic regression

DAY 5
Making predictions from a logistic regression model

Registration – FREE

Open to anyone who works or studies on the HSC campus.

Register by scanning the QR Code or going to the link: https://goto.unm.edu/registration

Space provided for 20 in-person participants, others may attend virtually through Zoom.

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