

Research Design and Analysis

Instructor learning materials for data analysis module of Research Design and Analysis, 2023.

Details

📅 July 17 - July 21

📍 Room 106, Research and Education Building (190 Longwood Ave, Boston, MA)

📺 Same Zoom room for all sessions and office hours on calendar invite

Instructors

👤 **Robert Gentleman, PhD**

🏢 Executive Director, [Center for Computational Biomedicine](#)

✉ robert_gentleman@hms.harvard.edu

Office Hours

📅 July 19, 9am - 10am and July 21, 8:30am - 9:30am

📍 Room 106, Research and Education Building (Zoom option available)

👤 **Chris Magnano, PhD**

🏢 Curriculum Fellow, [Center for Computational Biomedicine](#)

✉ christopher_magnano@hms.harvard.edu

Office Hours

📅 July 18, 9am - 10am and July 20, 4pm - 5pm

📍 Zoom only

Schedule

Module Week	Instructor Training July Session Date	Class Session Date
R Basics	7/17	August TBD
Introduction and writing your data analysis plan	-	10/11
Getting started with data	7/18	10/18
Data visualization	7/18	10/25
Managing Data	7/19	11/1
Descriptive statistics and exploratory data analysis	7/19	11/8
Statistical tests	7/20	11/15
Regression analysis	7/20	11/29
Advanced data wrangling and NHANES	7/21	12/6