Biostatistics Department Computing Workshops & Tutorials: Fall 2022

Hosted by Dan Barker (cluster computing) & Mike Kleinsasser (R programming)

Introduction to R/RStudio

Tuesday, September 6 at 4:00 p.m. *Workflow basics, scripts, and projects*

Data manipulation in R (part 1)

Wednesday, September 7 at 4:00 p.m. *Manipulate data with dplyr*

Data manipulation in R (part 2)

Tuesday, September 13 at 4:00 p.m. *Manipulate data with dplyr*

Command Line Linux

Thursday, September 22 at 4:00 p.m. *Learn basic Linux command line linux commands (no graphics)*

Data visualization in R

Tuesday, September 27 at 4:00 p.m. *Visualize data in R with ggplot2*

Introduction to Programming in R

Thursday, October 6 at 4:00 p.m. *Functions, vectors, and iteration*

Cluster Basics

Tuesday, October 11 at 4:00 p.m. *Learn to navigate the cluster and submit jobs*

Getting Git

Tuesday, October 18 at 4:00 p.m. *Learn the basics of git and how to integrate it with RStudio*

R package development

Tuesday, October 22 at 4:00 p.m. *Learn the basics of R package development*