R is a flexible and powerful open source statistical programming language, and is one of the fastest growing analytic tools available. Its ever-expanding functionality has made it an immensely popular resource to researchers across a wide variety of quantitative disciplines. Like many programming languages, R uses a command line syntax to create and store variables, write functions, and load, manipulate, analyze, and visualize data.

This two-hour workshop is designed for newcomers to the R programming language. Our goal is to get the participant comfortable with the R programming environment by exploring how to import and export data, manipulate data, visualize data, utilize packages, and run some basic statistical procedures, such as t-tests and correlation tables, using the R syntax. Time permitting, we may also explore additional analyses such as ANOVA and linear regression.