

## **Spring 2025 Statistical Software Workshops**

*To sign up, self-enroll in the Canvas site here: <https://bit.ly/lbj-software-workshops-spring25>*

The Statistical Software Workshops continue for the Spring 2025 semester! These interactive, hands-on workshops are designed to help LBJ students become more comfortable working with statistical software programs and tools commonly used for policy analysis. The workshops are led by Kate McArdle, a 4th-year LBJ PhD student and former software engineer.

The workshops are optional to attend, and there are no graded assignments. Feel free to come to only the sessions that interest you. This semester, there are several "standalone" sessions that don't build on prior ones.

The dates and topics are below. To get access to the full schedule, materials, and updates throughout the semester, self-enroll in the Canvas site here: <https://bit.ly/lbj-software-workshops-spring25>. Email Kate at [kate.mca@utexas.edu](mailto:kate.mca@utexas.edu) with any questions.

### **Friday Jan. 17, 1-2:30 pm - Tools for programming**

This session is geared toward all students who work with data regularly, regardless of which programming language you use. The tools we'll go through are very widely used and will make your life much easier when working with code and/or data. Specific topics include:

- Using the command line
- Exploring large data files effectively
- Git and Github for code management

### **Friday, Jan. 24, 1-2:30 pm - Thinking algorithmically**

This session is geared toward all students who work with data regularly. We'll use Python a little bit to demonstrate the concepts, but much of the session is language-agnostic and you don't need to know or use Python to participate in the session. Specific topics include:

- Breaking down a big data-related problem/project/analysis into efficient and effective steps
- Writing and using functions

### **Friday Jan. 31, 1-2:30 - Intro to Stata**

This session is for students new to Stata. Total beginners welcome! Specific topics include:

- The very basics of using Stata
- How to load, summarize, and export data
- Writing "do files" and getting "log files"

### **Friday Feb. 14, Feb. 28, and March 7, 1-2:30 pm - R Workshops**

These sessions will start with a review of basic R concepts (for students new to R and those who want a refresher) and then go into other topics based on student needs – I want to hear from you! Several weeks into the semester, what parts of R do you find most challenging? What topics do you want to learn? Let me know!

### **Friday March 28, 1-2:30 pm - Intro to Python**

This session is geared toward students who are brand new to Python and want to learn. Total beginners welcome! Specific topics include:

- Getting set up with Python
- Running Python in a notebook vs .py file
- Other topics TBD