

Reproducible Analysis in R Workshop – SABERWest 2020

Participant Outcomes:

At the end of this workshop, participants will be able to

- Describe how Git can be used to store and document different versions of a set of files
- Build and document a package in R for easy installation
- Demonstrate how users can collaborate on the same project using Github
- Select and apply the most appropriate tool or set of tools for reproducible data analysis
- Integrate useful software tools into an existing analysis pipeline

Workshop Agenda:

- Identifying Areas for Improvement
- Versioning with Git
- The Value of Software Packages: Creating a Package in R
- Reproducibility and Documentation
- How We Share Code: Interfacing with GitHub
- Your Action Plan