Open Community:
Using Git to Promote Collaboration and Reproducible Research

Get to know Git. This session will describe collaborative tools and strategies for managing teams and workflows.

WHAT IS THIS SESSION ALL ABOUT?
Get to know Git. This session will describe collaborative tools and strategies for managing teams and workflows. This session will focus on leveraging the version control system, Git, and the largest hosted service for Git users, GitHub, with common tools used by SDP Fellows (Python, R, RStudio, Stata, and SQL.) After the presentations and demonstrations, attendees will have the opportunity to ask questions and share their experiences and practices. Also, this session will prepare you to “Git” ready for OpenSDP.

WHAT WILL I LEARN IN THIS SESSION?
Participants will leave the session with the foundation needed to start using Git in their own work environments, and an awareness of some common adoption challenges (as well as strategies for managing them). Attendees will gain an appreciation for the value that distributed version control systems add to collaborative problem solving, improving methodology, and increasing efficiency in the analytic pipeline. Finally, participants will learn about product management as it applies to data analysis and data products.

WHO SHOULD ATTEND THIS SESSION?
This session is targeted towards individuals who do data analysis, database querying, and/or other types of programmatic work. However this session also has value for anyone who manages teams that do this work.

HOW SHOULD I PREPARE FOR THIS SESSION?

This technical session involves hands-on practice. Participants should bring an internet-enabled laptop with them to the session.