Making Analytics Reusable

1 March 2019

The Event

A one-day, hands-on workshop targeted to all WBG staff and STCs who want to learn how to create fully-reproducible analytical products. Participants should be comfortable coding in Stata, Python or R.

Agenda

10 AM	Opening remarks and Motivating Example (SDG Atlas)	Umar Serajuddin, DECDG
10:30 AM	Technical setup and coffee	GitHub accounts, GitHub Desktop, GitKraken Anaconda, R, RStudio
11:00 PM	Git (2 parallel tracks)	Track 1 - Fernando Hoces de la Guardia (BITSS) Track 2 - Ben Daniels (DIME)
12:30 PM	Lunch	
1:30 AM	Dynamic documents (3 parallel tracks)	Stata - Luiza Andrade (DIME) Python - Sam Freiberger / Dunstan Matekenya (Big Data) R - Fernando Hoces de la Guardia (BITSS)
3:00 PM	Coffee break	
3:15 PM	Project management using Github	Mireille Raad (Big Data/Data Collaboratives)
4:00	Workshop ends	

The Organizers:

The Berkeley Initiative for Transparency in the Social Sciences (BITSS), established by the Center for Effective Global Action (CEGA) in 2012, works to strengthen the integrity of social science research and evidence used for policy-making. BITSS aims to enhance the practices of economists, psychologists, political scientists, and other social scientists in ways that promote research transparency, reproducibility, and openness.

The World Bank's Development Impact Evaluation (DIME) group generates high-quality and operationally relevant data and research to transform development policy, help reduce extreme poverty, and secure shared prosperity. It develops customized data and evidence ecosystems to produce actionable information and recommend specific policy pathways to maximize impact.

The Innovations in Big Data Analytics program in DECDG provides data science and advisory services to help World Bank teams use big data and machine learning to address development challenges. The program has supported over 60 big data innovations, and has delivered over 150 activities to help Global Practices develop and connect with capabilities, networks and essential resources to put big data into action in World Bank operations.

WORLD BANK GROUP

i2i DIME TRANSFORM DEVELOPMENT

BIG DATA

BITSS