

Everything is better with friends

Using SAS in Python applications with SASPy and open-source tools



We invite you to introduce yourself!

- Unmute Yourself, or Use Chat
- Tell us your ...
 - Name
 - Location
 - What Time it is for You
 - Anything Else You'd Like to Share

Workshop files: <https://github.com/saspy-bffs>

Everything is better with friends

Using SAS in Python applications with SASPy and open-source tools

Isaiah Lankham

University of California
Office of the President
Oakland, CA

Matthew Slaughter

Kaiser Permanente
Center for Health Research
Portland, OR

Beyond the Basics Tutorial • WUSS 2021 – The Year of Online Classes

Workshop files: <https://github.com/saspy-bffs>

Presenting: The Best of Both Worlds...

 **sas** +  python = **saspy** 

Strengths

Data Analysis
Data Management
Statistics

Strengths

Scripting
Web Dev
Open Source

SAS + Python

A Python
interface for
the SAS System

Workshop files: <https://github.com/saspy-bffs>

Code Vignettes

Theme: Comparing Common Data Science Tasks in SAS and Python

Part 1. SASPy Stats

- Calling SAS/STAT procedures in Python applications

Part 2. Calling Web APIs

- Rectangularizing unstructured data in Python applications

Part 3. Data Munging

- Merging and appending datasets in SAS and Python

Part 4. Web Applications

- Using Python to build simple web apps with SAS analytics

Workshop files: <https://github.com/saspy-bffs>

Python in Google Colab + SAS ODA = BFFs

