

Everything is better with friends

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



We invite you to introduce yourself:

- Locate "Chat"
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 - Name
 - Location
 - What Time it is for You
 - Anything Else You'd Like to Share

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

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

Isaiah Lankham

Kaiser Permanente
Center for Health Research
Portland, OR

Matthew Slaughter

Kaiser Permanente
Center for Health Research
Portland, OR

Getting Started Tutorial • WUSS 2022 – Virtual Encores

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Presenting: The Best of Both Worlds...



Strengths

Data Analysis
Data Management
Statistics

Strengths

Scripting
Web Dev
Open Source

SAS + Python

A Python
interface for
the SAS System

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Code Vignettes

Section 1. Python basics

- Modules and Imports
- Syntax and Object Types (`str`, `list`, `dict`, and `DataFrame`)

Section 2. Data round trip

- Establish SAS Sessions
- Manipulate SAS datasets

Section 3. `sasdata` method

- Interact directly with SAS Sessions and datasets
- Use Python to learn SAS

Section 4. `SASPy` scripting

- Use Python to imitate the SAS Macro Facility

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