Everything is better with friends: Executing SAS code in Python scripts with SASPy

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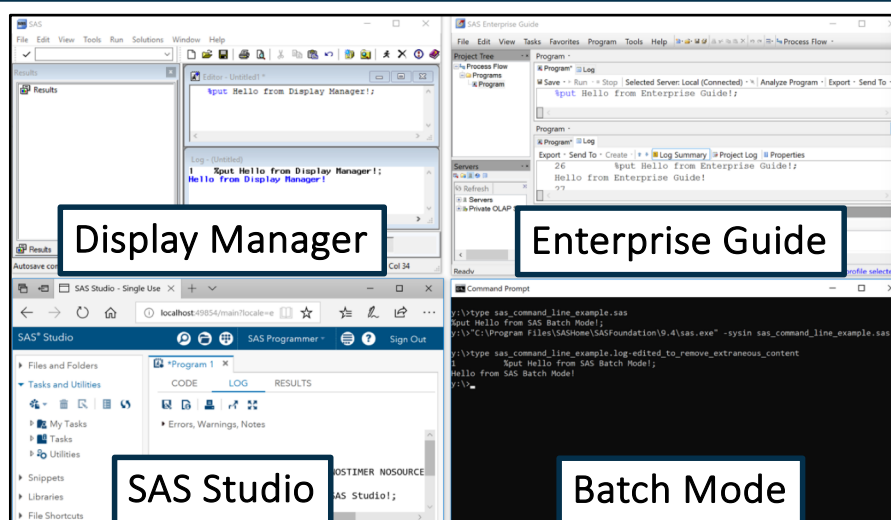Portland, OR

Hands-on Workshop ◆ 29 April 2019 ◆ 13:30 to 15:00

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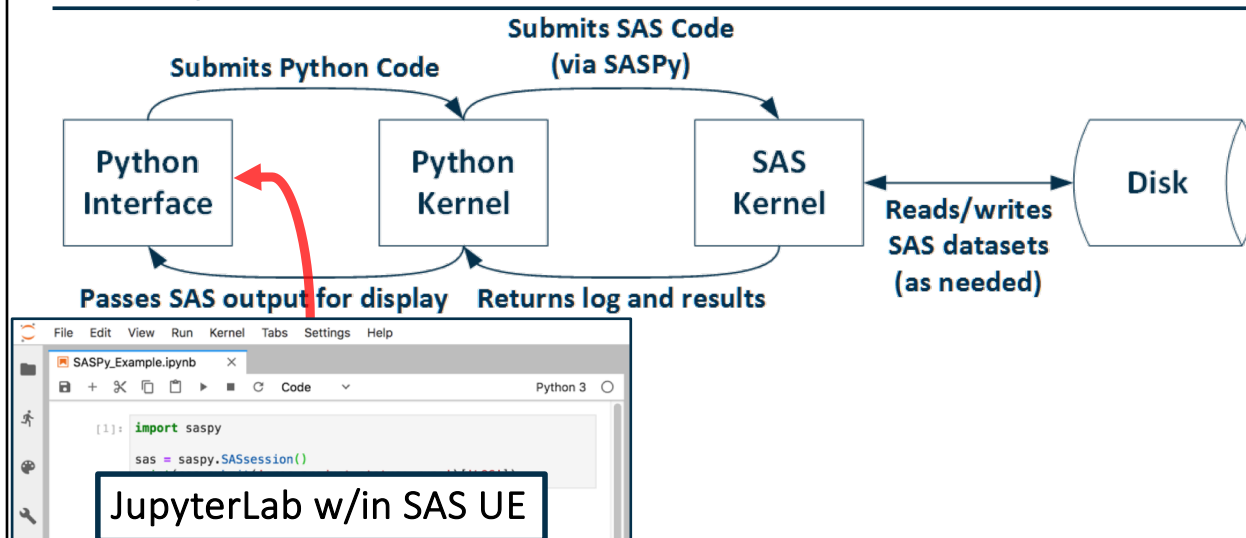

SAS System V9 Interfaces

Display Manager

Enterprise Guide

SAS Studio

Batch Mode

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SASPy Architecture

Best of Both Worlds

saspy = SAS + python

Strengths	Strengths
Data Analysis	Scripting
Data Management	Web Dev
Statistics	ML/DL

Code Vignettes

Examples 0-5

- Python modules and imports

- Python syntax and object types (e.g., `str`, `list`, `dict`, and `DataFrame`)

Examples 6-9

- Establish SAS Sessions

- Manipulate SAS datasets

Examples 10-12

- Interact directly with SAS Sessions and datasets

- Use Python to learn SAS

Extra Credit Examples

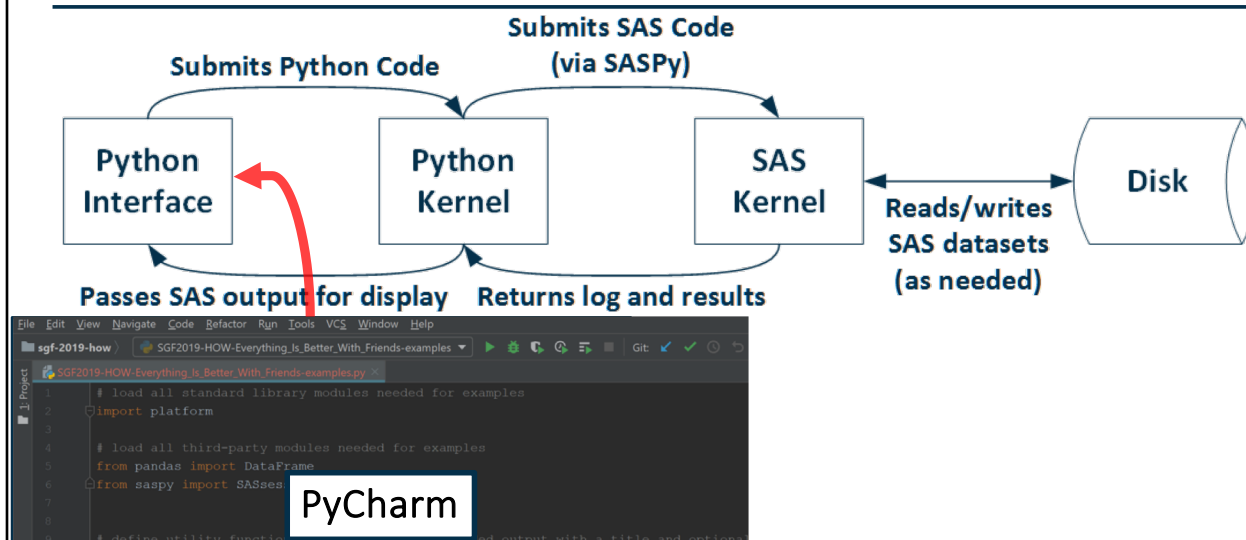- Jupyter magic commands

- Use Python to imitate the SAS Macro Facility

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SASPy Architecture

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Take the SASPy Challenge! (Handout, page 2)
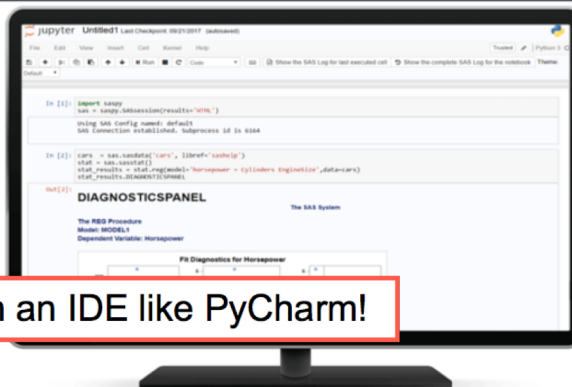
https://www.sas.com/en_us/software/base-sas.html

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Call to Action!

During SGF

- Rate this session in the SGF App (AttendeeHub)

- Attend other SASPy talks

- Read Paper 3189-2019: *Everything is better with friends: Executing SAS code in Python scripts with SASPy*

After SGF

- Use handout to replicate workshop examples/demos

- *A Whirlwind Tour of Python*

- Contact us:

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