

Everything is better with friends

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

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Presenting: The Best of Both Worlds...



 $+$  $=$ saspy 

Strengths

Data Analysis
Data Management
Statistics

Strengths

Scripting
Web Dev
Open Source

SAS + Python

A Python
interface for
the SAS System

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

Python in Google Colab + SAS ODA = BFFs

Submit SAS Code (via SASPy)

