

# 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...





#### **Strengths**

Data Analysis

Data Management

Statistics

#### **Strengths**

Scripting
Web Dev
Open Source

#### SAS + Python

A Python interface for the SAS System





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

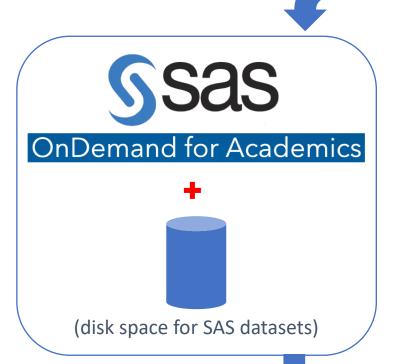
#### Part 4. Web Applications

 Using Python to build simple web apps with SAS analytics

# Python in Google Colab + SAS ODA = BFFs



**Submit SAS Code** (via SASPy)



python DataFrames

Dev. Env.

Google

**Return SAS log and results** 

Notebook Storage