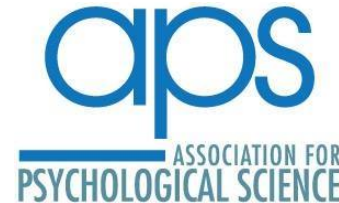APS Workshop: **Introduction to Python**
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Plotting

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Relevant Packages

- pandas
- matplotlib
  - Matlab-style plotting
  - Extremely flexible, but easiest to generate basic plots
- seaborn
  - pandas-aware plotting
  - Tries to do as much automatically as possible

Plotting

Let's go plot some stuff!

Take-homes

- You've now seen some **plotting** done in Python

- You've seen some of the functionality that **relevant packages** provide
  - pandas
  - matplotlib
  - seaborn

- You have some sense of the **flexibility** provided by these tools

Outline

1. Overview

2. Ways of using Python

3. Python basics

4. Data set overview

5. Data wrangling

6. Statistics

7. Plotting

8. Experiment creation