



Workshop: **Introduction to Python**



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