



# 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