Workshop: **Introduction to Python**

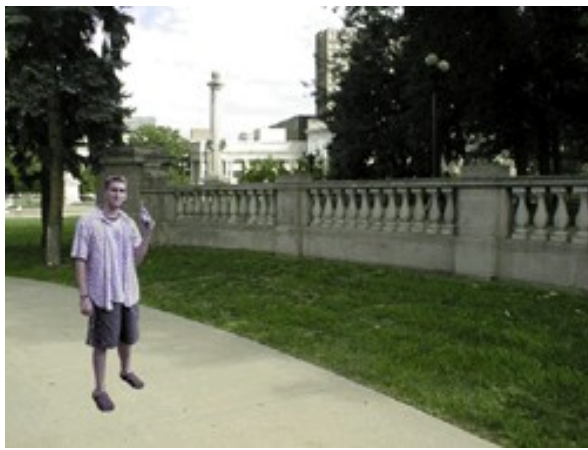# Our Data Set

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# Dataset

- Joshua Correll's **police officer's dilemma** task
    - psych.colorado.edu/~jclab/FPST.html


- We will build this task later on (twice!)


- In the meantime, let's follow a data set through our pipeline

Task: to shoot or to not shoot

# Design

**Race**

|  | White | Black |
|---|---|---|
| **Gun** | | |
| **Not gun** | | |

**Object**

# Dataset

- We will present multiple images per "cell" of this design

- We will collect both responses (accuracy) and reaction times

- At the beginning of the experiment, we will ask for subjects' ages

# 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