

Learning goals:

- **Check your work for the GitHub portion of A1.**
- **Walk through two problems from A1.**
- **Learn how to write your own tests.**

Assignment 1

COGS 108 Winter 2020

Sam Lau

Discussion 2

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OH: Thurs 11a-12p in SSRB 100

Part 1 Walkthrough

- **Complete walkthrough of Part 1 in 5 minutes.**
- **The catch: No laptops until after I show you how to do it (so pay attention!)**
- **I'll also show you how to check your work.**

Checking your work for Part 1

- **Check that your COGS108_Repo has a README and a .gitignore file. (Repo must be on your account.)**
- **Go to COGS108/MyFirstPullRequest, click Pull requests.**
 - **Make sure your PR shows up in that list.**
 - **Make sure your PR has the right title.**
 - **Make sure your PR has the right file.**

What is Git + GitHub useful for?

- **Git allows you to work on code projects with other people. It's the preferred tool for many projects, like:**
 - **Python: <https://github.com/python/cpython>**
 - **Jupyter: <https://github.com/jupyter/>**
 - **COGS 108: <https://github.com/COGS108/>**
- **It also allows you to create websites, like Sam's website: <https://www.samlau.me>. I'll save this for a future week.**

Questions 5 and 9 Walkthrough

- **Another answer giveaway.**
- **Again: no laptops until Sam is done!**
- **But feel free to take notes if that helps you remember things**

Checking your work

- **Our tests are (very) minimal.**
 - **To write your own tests, add a cell with assert statements below your code.**
- **Make sure to click Validate before turning in your notebook!**
 - **This replicates what our autograder will do.**
- **Make sure to click submit once you're ready to submit.**
 - **And don't click submit after the deadline unless you mean to submit late.**

Your Turn: Work on A1

Resources

All of Sam's Discussion Materials:

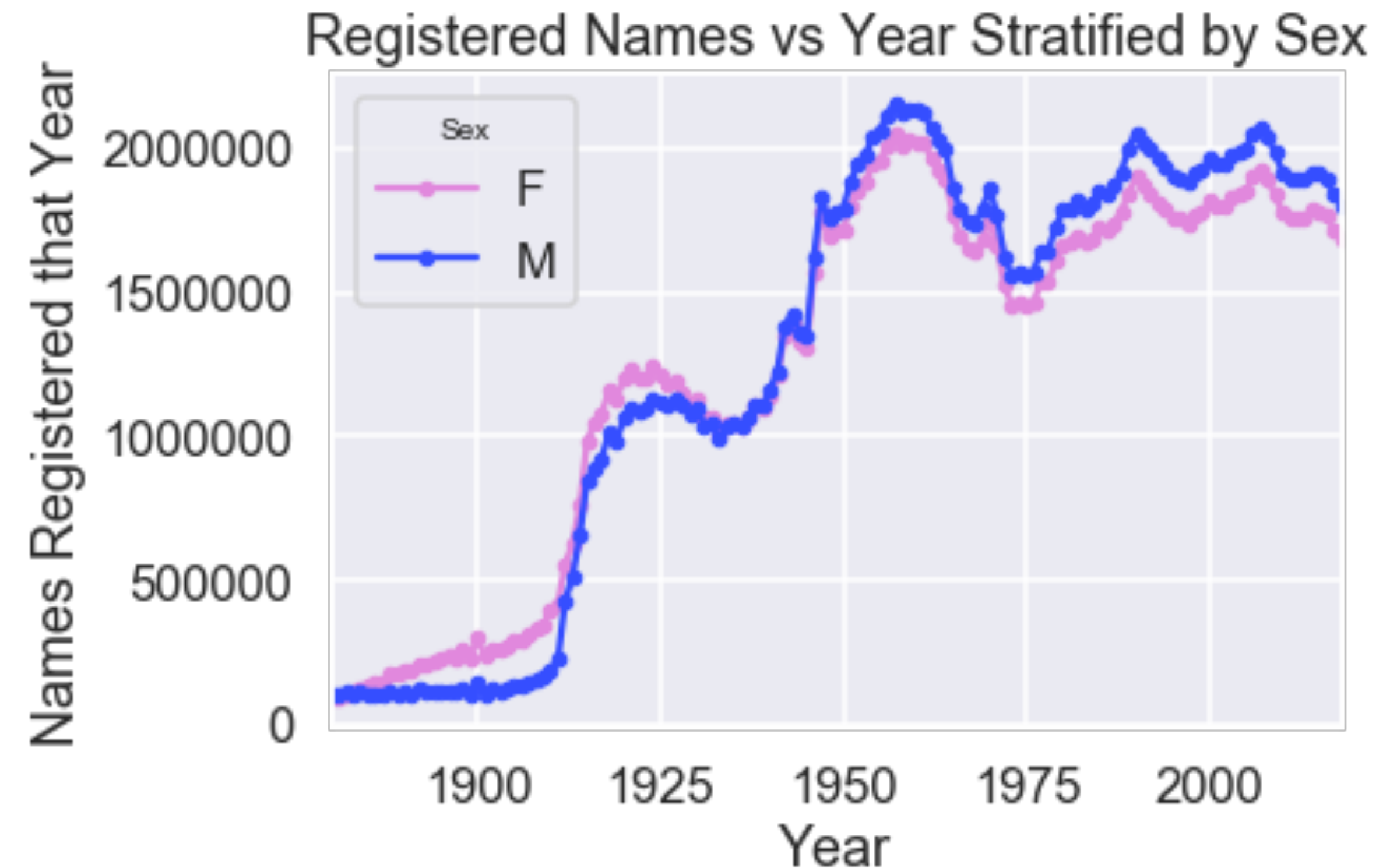
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See "Extras" table for extra practice with Python. I've also uploaded practice with more advanced concepts like NumPy and pandas if you want to get ahead.

I've also put the list of restaurants we shared last week but talk to me if there's anything I missed.

Next week

- **Time to work on your Project Proposals.**
- **Example of final project using baby names.**



Attendance

Count off and remember your number; that number is what you need to enter in the attendance form.

I'll keep track of the maximum number for our section.

<http://bit.ly/at-wi20>