

STAT107 Data Science Discovery

LAB: INTRODUCTION

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- Normally you work in groups of 2–4 students
 - collaboration is important in data science!
 - meet new friends and discuss :)
- This week you work individually on the set up
 - let us know if you have any questions

Random fact of the day

Hong Kong people do not have middle name in general. My first name is "Man Fung" rather than "Man".

- My personal info
- Lab sections
 - AYC: 15:30–16:50 (Wed) @ CIF 1035
 - AYF: 12:30–13:50 (Thur) @ CIF 1038
- Office hours: 16:00–18:00 (Mon) @ Siebel Center for Design 0060
- Websites
 - main course website
 - grades on Canvas
 - HW on PrairieLearn
 - Q&A on Discord
 - resources from me

- Super responsive
 - I will make at least 1 survey to tailor the labs for you
- Puts in a lot of effort/always willing to answer questions/always gave us helpful advice on topics related to the real world
 - if you are interested in data science, you need to know things beyond “data science” in classroom
- Explain where we lost points on previous labs as well as give tips on the current lab
 - I will comment on common mistakes from last semester as well so that you can avoid them
- One of the best TA's I've ever had/one of the smartest people I've ever met
 - I hope you would think so as well by the end of this semester

- Not already knowing Python may cause a big headache
 - if you are taking this as GE, easy A is not likely for this course if you do not have prior knowledge
- Take the workload down just a little bit/additional guidance on the difficult labs
 - the other course staffs and I will modify the lab this semester
- Grading is pretty fair however I wish I was given more direct feedback on labs
 - You may want to switch your lab section because I will only talk about common mistakes. For various reasons, this is the only request that I cannot accommodate
- Might talk a little too much before each lab section
 - I teach extra/practical/random stuffs

- **Main page**
- **Troubleshoot:**
 - **problem with py command:** make sure python 3.x has been installed. Try to change py to python3 or python
 - **problem with kernel:** for Windows, press “ctrl+shift+p”. Type and select “Python: Select Interpreter”. Choose one with Python 3.x and restart VS Code. See [Stack Overflow](#) for example
 - **problem with submission:** try to navigate to you own local repository (the folder with your netid) with cd in the terminal in case there is an error of “not a git repository”

- Hints:
 - 2.2: print the **result** of the arithmetic operation. For example, try `print(3+4)` but not `print("3+4")`
 - 3.4: you can assume there is no leap year
 - check the next page for completion
- Submit your work. Feel free to:
 - ask us questions
 - leave whenever you finish the lab

Default total number of cells: 53

- 1.1 in cell 8
- 1.2 in cell 10
- 1.3 in cell 14
- 2.1 in cell 28
- 2.2 in cell 30
- 3.1 in cell 37
- 3.2 in cell 39
- 3.3 in cell 41
- 3.4 in cell 50