Usage Guide for auto_attendance

(Last updated: 4.9.2020)
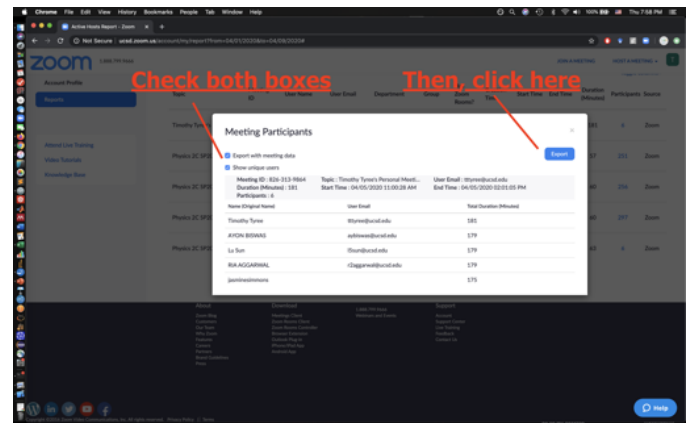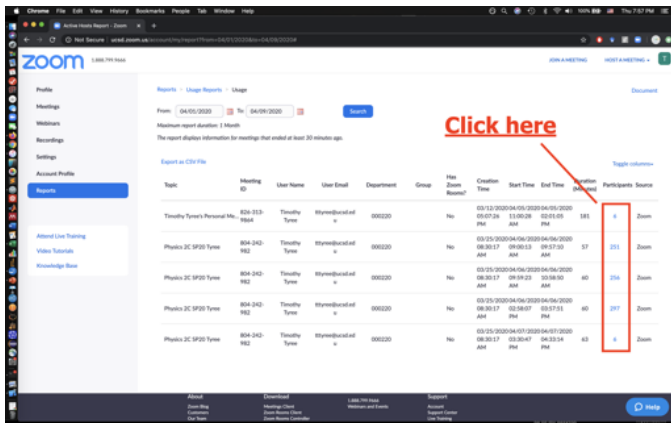*Course attendance – Tim Tyree*
Phys 2C Spring 2020 – Dept. of Physics - UCSD

Step 0: download the auto_attendance GitHub repository
Step 1: get the relevant attendance files
- Sign into http://ucsd.zoom.us/signin
- Go to https://ucsd.zoom.us/account/my/report

Step 2: put the current course (for example, 'RosterApr6.xls) roster into 'auto_attendance'

Step 3: open 'RosterApr6.xls' and export it as an '.xlsx' file (fixes a bug)

Step 4: open Terminal (or some other command line platform)

Step 5: change directories to the github repository you downloaded. For example:

$ cd Documents/GitHub/auto_attendance

---Nota Bene: https://learn.co/lessons/bash-navigation-osx

Step 6: run setup.sh to make the file system
$ ./setup.sh
Step 7: Fill out the following files:
my_ta_list.csv - your TAs and tutors + emails
my_sections.csv - your discussion section ID + code
Step 8: Move the file from step 4 to /auto_attendance/data/input/from_Student_Roster/
Step 9: Move the relevant attendance files to the folder 'auto_attendance/Input/' (alone).
Step 10: Take attendance for the first time
$ ./take_attendance.sh
Step 11: Input student emails into 'data/students_email_dictionary_for_zoom_data.xlsx' in agreement with 'data/students_not_matched_in_roster_dataset.csv'. Save 'data/students_email_dictionary_for_zoom_data.xlsx'.
Step 12: Take attendance for the second time
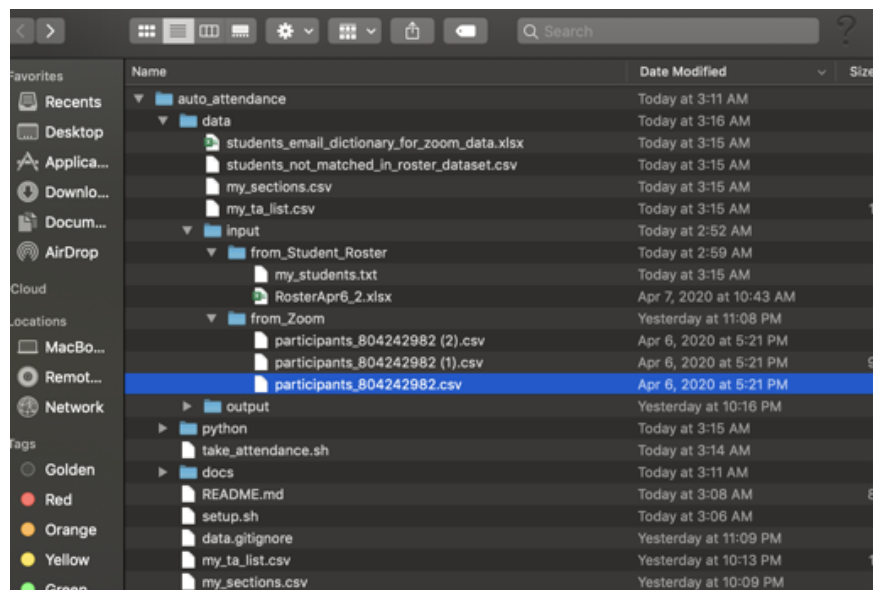$ ./take_attendance.sh
Step 13: Review the attendance sheet generated in /data/output/

Nota bene: troubleshooting located in README.md.
If import pandas doesn't work, use
$ pip install pandas

My final file structure looks like the following before I take attendance the second time.