



CSE 6040/x

Overall Course and Data

Analysis in Python

Bootcamp Introductions

Overview – 1st Session

Agenda

- Course Introduction – Professor Richard Vuduc
- Introduction of Data Analysis in Python Bootcamp Series

Purpose of the Bootcamp

- The Bootcamp is intended for students who may not have a rigorous programming background.
- The Bootcamp covers topics:
 - That are helpful for the students in passing (and doing well) on the exams.
 - That are not part of the formal class materials.
- **All Bootcamp sessions and materials are OPTIONAL, at each student's discretion. There is no requirement to attend any sessions or watch any of the posted videos.**
- **The Bootcamp is NOT to help with specific homework notebook problems. Piazza and the Notebook Office Hours sessions (on Thursdays) are for that.**

Should I Attend the Bootcamp?

- Each student must decide for themselves whether attending the Bootcamp (or watching the Bootcamp session videos) would be helpful for them.
- We have provided a self assessment notebook available from the Bootcamp Information page of the course web site for students to go through.
- The self assessment notebook is designed to help students in making this decision.
- The self assessment notebook is **OPTIONAL** and is **NOT GRADED**.

Bootcamp Conduct

- Bootcamp schedules and session topics are the course web site, under the Bootcamp tab.
- Zoom link for all Bootcamp sessions is posted in the O/MSA Piazza post, for the Bootcamp.
- The live Bootcamp sessions are only available for the O/MSA students.
- Any required announcements will be posted in the Bootcamp pinned Piazza post (both OMSA and VMM).

Bootcamp Conduct – 2

- All Bootcamp sessions will be recorded, with the videos posted on Piazza, for students who are not able to attend the live sessions.
- The recordings will be posted in both O/MSA and VMM Piazzas.
 - The video for each session will be posted within 24 hours of the session end.
 - For VMM, we must ensure that all personally-identifiable information (FERPA) has been removed or obscured, so posting there may take an extra day.

Bootcamp Conduct – 3

- Live Session Conduct and Content
 - 4-6 Rotating instructors, who are TAs for the course.
 - Python Data Structures, structure and manipulation.
 - Methods for putting the concepts/syntax together to create solutions on the exam exercises.
 - Techniques for troubleshooting exercises on the exams.
 - TA Walkthroughs of prior semester exams, illustrating thought processes and solutions of exam exercises.
 - Please – DO NOT ask EXAM CONDUCT related questions – PLEASE!!!
 - We will cover everything you need to know as we get closer.
- **Bottom line, all these sessions are designed to help the students to pass (and do well on) the exams.**

Bootcamp Resources

- Videos
 - Posted on Course Web Site and Piazza
 - Current and prior semester Bootcamp content.
- Bootcamp GitHub -- Public repositories
 - <https://github.com/gt-cse-6040>
 - Contains working and final versions of all Bootcamp materials.
 - Students are welcome to access the repository in read only mode.
- Colab NBs
 - Part of GitHub site.
 - Class-developed content, not for grading.