Course syllabus

Each week students will be sent course materials on Thursday or Friday, starting this week. These will include a video tutorial, sample files, and a set of exercises. The course can be completed entirely online. Students will have opportunity to a live coding session and get one-on-one guidance from TAs on Wednesday mornings from 10 AM-12 PM in room 412, Rosebrugh building, St. George campus. Students will also be able to ask for help online via email all through Github. Weekly exercises and assignments will be due on the Sunday night of the following week.

Week 1. Introduction & computer setup

Week 1. Introduction to the command line

Week 2. Python introduction

Week 3. Python continued

Week 4. Python continued

Week 5. Troubleshooting, Best practices, debugging

Week 6. Using Python instead of Excel

Week 7. Data visualisation

Week 8. Data visualisation continued

Week 9. Statistics

Week 10. Introduction to machine learning

Week 11. Machine learning continued

Week 12. Machine learning continued

Assessment

Each week will include a set of associated exercises, each set worth 6% of the total course grade. A final assignment will also be required, worth 28% of the total grade.

Grading
>= 90% -----at least an A-
>= 80% -----at least an B-
>= 70% -----at least an C-
>= 60% -----at least an D-

Late assignments will be accepted but docked 20% for each day late.
Students should send completed exercises/assignments to the following email address:
BME1478H@gmail.com

Exercises/assignments are due by 11:59 PM on the Sunday of following week

Questions for TAs should be emailed to: BME1478H.TA.team@gmail.com

From week 2 onwards we will be encouraging you to submit your questions through GitHub