Models, Algorithms and Data (MAD): Introduction to computing

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FS19

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Lectures (Friday, 10:15 − 12:00)

Ressources

- Lecture Webpage: Here you will find the course material (script, exercises, solutions, etc.).

- Piazza: Here you can discuss and pose questions, **please subscribe**.

- gitlab: You will maintain a git-repository to submit your solutions to the exercises.

Piazza   Piazza is a forum open to all students allowing for discussions and question submission. You will get notifications regarding posed questions (according to your personal settings). If you know the answer to a question, **please answer**. The TAs will review your answers, approve or correct them if necessary.
Providing detailed answers to your colleagues is a great exercise to repeat and deepen your knowledge.

Set up your Computer   The solutions to the exercise will be provided in python. Further you will use git, which is a de-facto standard for version control and thus is important for anyone working with computers. Some links:

- Shell Tutorial

- FAQ Python

- Check if git is installed (\$ git -- version), otherwise git Installation (German version)

Use the internet as a valuable resource for your issues – it will solve almost all of them.

Exercises (Tuesday, 15:15–16:00)

The exercises will be organized as follows:

New Sheet: On Friday, first one on February the 22th

Exercise Session: On Tuesday, first one on February the 26th   Prepare yourself for the session by reviewing the old and current sheet and ask if anything is unclear.

Submission: Due to Sunday 23:59, first one March the 3th   Submit exercises by pushing them to your git repository and sending an E-Mail to mad_fs19@sympa.ethz.ch. **Make sure to give master access to the TAs**, @webepasc, @mboden, @bianx, @bacdavid and @malczykg.

Solutions: On Monday, first one on March the 4th   Correct the exercises using the reference points given on the sheet.
Do the exercises! Understanding concepts is only half of the business – the important half is to apply them.