Intro. Comp. for Data Science (FMI08)

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Course details

1. Team and resources
2. Lectures and Seminars
3. Grading: individual and group works
4. Policies
5. Course Tools
6. Before next Wednesday

Team and resources

Instrutors

- Dr. Nono Saha Cyrille Merleau
- The students (You)

Course resources (s)

- GitHub page: `https://fmi08icds.github.io/`
- Readings and link to the course tools
- Gradebook and announcements (through your regular emails)
- Zoom recordings?

Course Timetable (s)

- Lectures: Wednesdays, 15:15 - 16:45 Uhr (info on the website)
- Seminars: Fridays, 17:15 - 18:00 Uhr

Lectures and seminars

Lectures

- Screencast posted to Youtube?
- No live Zoom session
- In person
- More conceptual, with some coding demos and short exercises

Seminars

- Attendance is expected
- Opportunity to work on the course assignments together
- Will begin next Friday with setting up the PC working environment.

Announcements

- Essentially through emails: mine is on the website.

Grading: Team and individual

This course is assessed 100% on your coursework (there will be no exam). I will be assessing you based on the following assignments:

Assignement	Type	Value	n	Assigned
Homeworks	Individual	40%	1	Every other week
Projects	Team	40%	3 – 5	Every other week
Course Contributions	Individual	20%	1	From today

Team work

- Roughly biweekly assignments
- Open-ended
- 5 – 20 hours of work
- Everyone is expected to contribute equal effort
- Everyone is expected to understand all the code submitted
- Individual contribution evaluated by peer evaluation, commits, etc...

Policies: sharing, reusing and collaborative codes

Collaboration policy

- Only work that is clearly assigned as teamwork should be completed collaboratively (Projects)
- Individual assignments must be completed individually. Answers should not be directly shared but could be discussed. Please, ask questions.
- Homewroks are individual.

Sharing/reusing policy

- There is a huge volume of codes available on the web, and many tasks may have solutions posted, or ChatGPT can solve them. Oops! Way easier for GPT4.
- Please, cite any online resources you will use (e.g. Google, StackOverflow, etc...), chatGPT paper if you understand it.
- Any copied code discovered but not cited will be considered plagiarism. NB: I can use GPT4 to figure it out.

Course Tools

Python, Pip and jupyter

- Recent Python (3.9 or newer) with working pip
- Recent jupyterlab (3.2 or newer)
- Working git installation

Github

- We will be using an organization for this course `https://github.com/fmi08icds`
- All assignments will be distributed and collected via GitHub
- Individual and group projects will follow a standard folder structure.

Before next Wednesday....

Introductory survey

Please, follow this link and answer the question to get to know each other.
`https://docs.google.com/forms/d/e/1FAIpQLSdTgSBw6MswEIIlZql9i4K_irhuhvAJc3LledvPCgdz2BoCvg/viewform?usp=sf_link`

First home work

1. Create a GitHub account if you don't have one yet
2. Make sure your Python environment is set up properly. If not, no worries; we could look at it together next seminar.
3. Comple the course survey (the link is given above)
4. If 1, 2 and 3 are done, create your first GitHub repo named "your last name"/hw1/README.md
   The README.md will briefly describe the steps you followed to set your environment up. e.g. the OS, the command used, the problems encountered, how you solved them, etc...