Information regarding the mini-project

Important Dates

- **13 February 2026, 23:59 hrs**:
  - Deadline for finalising the projects
- **3 April 2026, 23:59 hrs**:
  - Deadline for submitting project reports and git repos
- **6-8, 13-15 April 2026**:
  - Oral presentation by students followed by brief Q % A

Instructions

Regarding the project teams

- Students are divided into teams of four at random
- There shall be no re-assignment of team members
- A team can have a different size other than four only at the discretion of the instructor

Regarding finalising the project

- Please approach the instructors in the days before finalising the projects to discuss about data sets, expectations, ambiguities in the project brief, etc
- In case a team is not happy with the project assigned to them, they can suggest a new project idea and discuss this with the instructors. The team will have to come up with a project brief in the style that was provided to them
- For finalising the project, students will have to create a Github git repo for their project and share the repository name in the form provided
- The Github repo must have the team members as collaborators on the repo. The Github user IDs of the team members must therefore also be submitted at the time of finalising the project

Regarding the project work

- Students have a time period of seven weeks (14 February 2026 to 3 April 2026), within which they have to carry out the work of their project
- Students are encouraged to approach the instructors regarding the progress of the project during these seven weeks
- The git repositories of the project should show reasonable and incremental growth, which will be analysed by the instructors by looking at the commit history, logs, etc.
- The git repository should be properly documented and easily understandable with appropriately written README and LICENSE files, along with examples, demos etc. as and when necessary
- There should be a clear *Author Contribution* statement in the project report as well as in the git repo, which clearly demarcates the different roles and responsibilities that were assigned in the team

Regarding the evaluation of the project

- The projects will be evaluated based on the submitted written report, the quality of the git repository, and the final oral presentation plus the Q & A following it
- The written project report has to be submitted using a Latex template which will be provided by the instructor

- There will be one project report per team
- The oral presentation will be a total of 15 minutes, of which 8 minutes are for the presentation itself and 7 minutes are for a brief Q & A
- In case of projects involving dashboards, interactive visualisations, etc. the proper functioning of these is going to be tested
- During the oral presentation, the team members should be able to, in the least, answer questions pertinent to their role in the project, although it is preferable that all members be familiar with all aspects of the project
- The instructors reserve the right to call teams / members of teams at a later point (but no later than 17 April) to ask further questions regarding the project, the responses to which will contribute to the evaluation

Regarding the use of AI models for coding, writing, presentations

You are allowed to use AI models to carry out the work done in the project (including but not limited to coding, writing, preparing slides, dashboards, etc.) as long as:

- You cite the AI models at the relevant points of the report, presentation, and Github repo, and make clear which parts were done with the help of the AI model
- You can explain the code when asked questions about their functionality, relevance, alternatives, etc.
- You can explain why you did what you did. Simply having a working prototype on display is not enough if you cannot explain why it works
- You can defend claims made in the written report and the presentation when being asked questions about them
- You can comment on the use of methods and code blocks used in the project for other, related use cases that may come up in the Q & A