

Student instructions

1 Setting up GitHub and classroom (deadline: 23-Jan-2026)

1. Log out of GitHub and GitHub Classroom from any personal GitHub accounts.
2. Create a new GitHub account using your `@smail.iitm.ac.in` email address.
`GitHub → Sign up → Sign up with email`
3. Update the shared spreadsheet with your `@smail.iitm.ac.in` email address and your GitHub username: <https://docs.google.com/spreadsheets/d/1X8uwTwN5MeAI4M9BtQzfeTXEwp4g/edit?usp=sharing>
4. After this, you will receive an email invitation to join the course GitHub organization.
5. Check your `@smail.iitm.ac.in` email and join the organization `@ma5755-datavisual-iitm` by clicking the green **Join** button.
6. Once you have joined, visit the course repository:
<https://github.com/ma5755-datavisual-iitm/MA5755>
7. Scroll to the bottom of the page and locate the assignment table. Click “**Accept HW-x**” for the latest assignment (for the first assignment, click “**Accept HW-1**”).
8. If you see an error such as “**Contact instructor**”, you are likely signed in with the wrong GitHub account. Log out of all GitHub accounts and repeat the process using your `@smail.iitm.ac.in` account.
9. If you continue to face issues, email me immediately at `rakhi@smail.iitm.ac.in`.

2 Steps to Solve HWs and Submit Them

1. Browse to the course GitHub repository:
<https://github.com/ma5755-datavisual-iitm/MA5755>
2. Locate the new assignment:
 - The first link in the assignment table contains the starter code and problem statement.

- The second link is used to accept the assignment. Accept the assignment if you have not already done so.
3. Upon accepting the assignment, a new private repository is automatically created in GitHub Classroom under your account. The repository name will be of the form `hwX-username`.
 4. Navigate to your newly created repository and begin working on the assignment. Each HW will include specific instructions in the `README.md` file. In general, follow the steps below:
 - Download the provided Python notebook or the code file.
 - Save a copy of the code file under a new filename.
 - Make the required changes and answer all questions.
 - Generate a PDF of the solutions – note that the PDF should only have explanations of the answers, inferences, and relevant figures. No code should be there in the PDF. Only the PDF file will be graded (but code can be cross-checked at any point)
 - Upload the updated files to the repository – at the very least, there should be one PDF of answers and one code file. The figures should be in a separate folder as instructed in the individual instruction files for each homework.
 - **Commit all changes** to GitHub.
 - Update the `README.md` file to briefly describe the changes you made.