Project Member Tasks
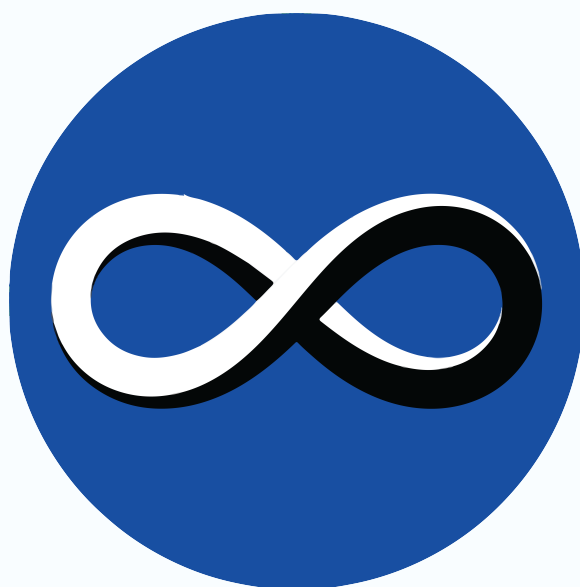## SUBLIME
2025-26

Mathematics Club

Centre for Innovation
IIT Madras

Week-1 tasks

1. Familiarize yourself with GitHub, Latex and Notion.

2. Please create a new folder in the following directory:

   > Folder Path
   >
   > `.\Contributors\PM tasks\`*`Your Name`*`\`

   > Example
   >
   > `.\Contributors\PM tasks\Deena\`

   You're supposed to add the responses to the tasks in your folder and make a PR request.

3. Divide the topics from the second chapter of the ISLR book and present in the next meeting.

Week-2 tasks

4. Setup VS-Code and MinGW which are essential to write and execute C++ code (MinGW is not needed if you're a Linux user).

5. Learn how to write basic functions, loading a dataset and estimate few parameters in C++.

6. Take a dataset from here and load this and evaluate basic statistical parameters.

Week-3 tasks

7. Read the **Simple** and **Multiple** Linear regression topics from ISLR book (Chapter-3).

8. Write a sub-routine in C++ with this dataset and estimate the mentioned parameters.

9. Implement Forward stepwise selection (Chapter 6) and estimate how well the model performs.