NEUROINFORMATICS GOAL TRACKER

Name: Deekshitha Yattapu
Roll Number: 2022101009

Live Goal Tracker Link: NEUROINFORMATICS GOAL TRACKER

Specific Goal	**Steps to reach the Goal(break into 2-3 steps)**	**Timeline for each step**	**Why is this important to me**	**Evidence Link**	**Course Components Covered For Goals**
GOAL 1 – Readings & Videos: Complete all assigned readings/videos, highlight key points in the shared textbook PDF, and post questions in the Moodle before Next Class	1. Check the course plan for readings/videos. 2. Highlight points & add comments in shared PDF. 3. Post questions before next class.	Weekly: Finish readings before 7pm on the day before next class and ask questions before start of next class	Provides understanding of concepts told in class ,Improves class participation, and prepares for quizzes.	Textbook_Drive_Link	Completing assigned readings and submitting questions ≥12 hrs before class (20%), Class participation (10%),
GOAL 2 – Problem Sets & Exams(Quizzes): Write all code in Python without using LLMs for generation, commit regularly to GitHub, and submit a 1-page reflection within 5 days after each	1. Create/maintain GitHub repo for Problem Sets 2. Push the final version before the deadline. 3. Write/upload Exams reflection within 5 days.	Problem Sets:start 5 days before due date. Exams reflection: within 5 days after quiz.	Helps me apply course concepts in practice, improve my coding skills, and follow the course rule of not using LLMs for code	Github	Problem sets (25%), Quizzes (15%),

Exam(Quizzes)					
GOAL 3 – Final Project (For now Dataset Selection Only): With my Teammate, shortlist possible EEG datasets and finalize one dataset for the project by Aug 16, 2025.	Try Preprocessing and plots , to understand data	**Late Aug –Early Sept:**Preprocessing **Mid Sept – Early Oct:**Begin ERP analysis (recognized vs unrecognized clips). **Oct – Early Nov:**Extend to time-frequency methods . **Nov:**Explore connectivity and statistical testing,Prepare presentation and final report.	Choosing the dataset early gives us more time to work on it and stay on track with the course plan.	Project_Tracker_Doc	Final project (presentations 20%, report 10%)

Weekly Progress and Reflections

Week 1 (Aug 10-16)

Goal	Progress This Week	Reflection	Evidence Links
Goal 1 – Readings & Videos	Completed Readings of chapters 5 and 6	Completed reading textbook chapters 5 and 6 , But Haven't asked Doubts before the class, From next Time should ask doubts before the class	chapters_5_6

Goal 2 – Problem Sets & Exams	Spent time after class on matlab exercise on indexing after class and understood code and errors	Learnt How to use matlab and about how to handle mistakes in code that doesn't seem wrong, Also understood about EEG data structure and indexing	Github
Goal 3 – Project Work	Spent time on searching for datasets from openeuro and noted about 4 datasets in project doc	Kept deadline for finalising dataset by today,but haven't finalised dataset with teammate	Project_Tracker_Doc

Week 2 (Aug 17-23)

Goal	Progress This Week	Reflection	Evidence Links
Goal 1 – Readings & Videos	Completed Readings of chapters 7,8 and 9	Completed reading textbook chapters 7,8 and 9, Doubts were clarified while told that concepts in class	chapter_9 chapters_7_8
Goal 2 – Problem Sets & Exams	Done Preprocessing using Matlab in class	Learnt How to do preprocessing and what are the steps to follow while preprocessing	Github
Goal 3 – Project Work	Completed and submitted Project Proposal	Got clarity on where to start and when to complete each task in project	Project_Proposal_Doc

Week 3 (Aug 24-30)

Goal	Progress This Week	Reflection	Evidence Links
Goal 1 – Readings & Videos	No readings were given this week		
Goal 2 – Problem Sets & Exams	Prepared for quiz and Went through chapter 9 code for images given in chapter 9	Learnt about preprocessing techniques implemented in chapter 9	Github
Goal 3 – Project Work	Started preprocessing	Practical Implementation of preprocessing discussed in class	Github

Week 4 (Aug 31-6)

Goal	Progress This Week	Reflection	Evidence Links
Goal 1 – Readings & Videos	No readings were given this week upto 6th september		
Goal 2 – Problem Sets & Exams	Completed quiz reflection and submitted in moodle	Understood that carefully reading question and applying concepts learned in class is important	Github
Goal 3 – Project Work	Preprocessing plots are shown to prof and few changes are to be made like removing one bad electrode(P2) and	Practical Implementation of preprocessing discussed in class	Github

	using ICA to remove muscle artifacts		