

Daily Scrum Meeting Minutes:

Date: 04/15/2026

Attendees: 4

Start time: 10:20 PM

End time: 11:15 PM

Alyaa Mossa

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - I was able to research how to prototype the 2021 race-free eGFR formula. I plan on having it implemented fully and in the GitHub by tomorrow.
- What is planned to be done until the next scrum meeting?
 - I will work on implementing the SHAP race-free eGFR formula since this focuses on understanding why a patient is at risk and what must be done in order to address this issue before it becomes too late.
- What are the hurdles?
 - A hurdle may be understanding how to transform the race-free eGFR formula so that it can predict progression of a patient's diagnosis and why a patient is at high risk.

Stefany Castro

- How many hours did I work since the last meeting?
 - 3 hour
- What was done since the last scrum meeting?
 - Since the last scrum, I have been able to complete the majority of my role and simply missing the SHAP model from one of my teammates. I am working on other parts of my role while I am still waiting for the SHAP model.
- What is planned to be done until the next scrum meeting?
 - By the next scrum meeting, I should have the majority done of my part of the project and start on the poster. We will begin to wrap up our project once everyone has fulfilled their part of the project. But each day we are closer to our completion.

What are the hurdles?

- At the moment there are no hurdles on my behalf.

Chelsea Ross

- How many hours did I work since the last meeting?

- 3 hour
- What was done since the last scrum meeting?
 - Since the last meeting, I worked approximately 3–4 hours. During this time, I set up the development environment by cloning the project repository and configuring it in VS Code. I installed the necessary dependencies such as pytest and pandas and resolved issues related to the Python path and environment setup. I created and executed multiple unit tests for the NHANES merge functionality, including tests to verify that datasets load correctly, are not empty, contain the required SEQN column, and do not contain duplicate identifiers after merging. I also developed tests for the full multi-file merge process, added error handling tests for missing files, and implemented output validation tests to ensure the final CSV file is created and contains data. All test files were successfully committed and pushed to GitHub.
- What is planned to be done until the next scrum meeting?
 - Before the next scrum meeting, I plan to set up GitHub Actions to automate testing so that tests run on every push. I will also expand validation by testing the contents of the final CSV file to ensure data accuracy and consistency, improve test coverage for edge cases, and begin aligning validation logic with clinical standards, particularly focusing on eGFR outputs.
- What are the hurdles?
 - Current challenges include resolving environment and dependency issues, ensuring that the merged data aligns with expected clinical standards, and coordinating with team members as additional code becomes available for deeper validation testing.

Fernando Mata

- How many hours did I work since the last meeting?
 - 3 hour
- What was done since the last scrum meeting?
 - Since the last meeting, I have been focusing on responsive design and making sure that the dashboard can fit and can be read in a smaller screen
- What is planned to be done until the next scrum meeting?
 - Until the next meeting, I will adjust the layout so that trend graphs and other visual aids can be easily read on smaller screens
- What are the hurdles?
 - No hurdles at the moment

Ogabek Rakhimov

- How many hours did I work since the last meeting?
 - 3 hours
- What was done since the last scrum meeting?
 - I developed the initial data cleaning and feature engineering scripts in Python, focusing on standardizing the input data from the NHANES merge functionality to prepare it for eGFR calculation and validation.
- What is planned to be done until the next scrum meeting?
 - I will assist Alyaa with integrating the SHAP race-free eGFR formula into the main pipeline and start preparing the data features for risk prediction analysis, and coordinate with Chelsea on the eGFR output validation.
- What are the hurdles?
 - No hurdles