

2.1B OMOPSYNC Status Report for Week 4 Sprint 2 Ending

Project Title: OMOPSYNC

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1. Overview

This week, the team finalized the AMIA abstract and supporting materials, completed prompt-based AI query execution, validated outputs, and incorporated visuals into the presentation. Additionally, we finalized the setup of OHDSI Atlas, recorded demo walkthroughs, and refined NABC content based on feedback from faculty and peers. Final updates are underway as we prepare to submit all deliverables and present in class on May 5th.

2. This Week's Accomplishments

- Finalized the AMIA abstract with clear articulation of objectives, methods, and results.
- Created and formatted the AMIA Word document following official guidelines.
- Completed the AI-driven prompt-to-query workflow with chart generation using plot_query.
- Validated the correctness of generated SQL queries using pgAdmin. Captured screenshots of prompt input, SQL output, and chart visualization for use in slides.
- Created and refined the 5-slide AMIA presentation covering problem, approach, results, and architecture.
- Completed demo video demonstrating prompt-based query execution.
- Presented NABC slides and incorporated feedback from Frank, John, David, and the team. Recorded the NABC presentation video.
- Finalized setup and verification of OHDSI Atlas environment for query access.

3. Team Communication

- Held regular stand-up meetings to coordinate progress and responsibilities.
- Collaborated actively using Google Docs and Slides to ensure synchronized updates.
- Coordinated feedback loops with faculty and peers to finalise materials for submission.

4. Next Week's Plan

- Present the 5-minute AMIA pitch during class.
- Submit final project deliverables, demo video, NABC slides, and presentation video.