

Project Week 4: Progress Report

Short Summary

Last week, the team successfully rebuilt the project’s data pipeline to generate a structured PostgreSQL database rather than flat files. Using PostgreSQL and pgAdmin4 enabled more efficient testing and validation. The team also created analytical views within the database and used them to answer key business questions, confirming that the new pipeline supports the intended analytical workflows.

This week, the primary focus is on preparing deliverables for the final presentation and documentation. The team plans to create the presentation deck, organize the GitHub repository for clarity and reproducibility, write detailed technical documentation, and develop both the outline and script for the video presentation and live demo.

Current roadblocks include ongoing work on the presentation materials, final code commits, refinements to technical documentation, and preparation of the video presentation. These tasks are still in progress and must be completed before the team can transition to the next phase.

Evidence of progress

Roles / Positions

Greg	Data Model & Schema Architect
Anedy	
Francis	Workflow Orchestration Engineer
Erika	Analytics & Visualization Specialist
Nyx	
Lyndon	
Jethro	Containerization & Deployment Engineer



PPT Parts [\(canvas link\)](#)

Greg	- Conceptual, logical, physical data models and Architectural design
Anedy	- check niyo yung Docs/ sa github natin
Francis	- Workflow processes and orchestration explanation
Erika	- Analytical views and answering business questions
Nyx	- Must visualize at least three business questions, for example:
Lyndon	- 1. What kinds of campaigns drive the highest order volume?
	- 2. How do merchant performance metrics affect sales?
	- 3. What customer segments contribute most to revenue?
Jethro	- Technology stack and Dockerized environment overview