

## **Technical Section (Head and Hand)**

- GitHub Repository url:

<https://github.com/akshayghodke099/SEF-assignment-solution.git>

## **Reflection section (Heart & Soul)**

- 1. What was the first concept or tool you had to understand before this assignment became “doable”? How confident do you feel about it now, and what would you still want to explore?**

The first concept I needed to grasp was how dbt connects to DuckDB through the `profiles.yml` file. At first, this felt confusing because dbt would not run until the connection was set up correctly. Once I understood that `profiles.yml` is the bridge between dbt and the database, the assignment became doable. I now feel confident about configuring profiles and running models, but I would still like to explore advanced dbt features such as incremental models and snapshots.

- 2. How did you build the understanding or skills needed to begin the assignment, and what supported you in that process?**

I built my understanding by reading dbt documentation, carefully examining error messages, and experimenting with small changes until things worked. Each time I hit an error—like mismatched column names or semicolons in SQL - I slowed down, checked the docs, and retried. What supported me most was a combination of official documentation, online examples, and persistence in debugging. Seeing the models finally run successfully gave me confidence that I was learning the right way.

- 3. What did you learn about yourself as a learner during this whole process?**

This process taught me that I am patient and persistent when faced with technical challenges. Instead of getting discouraged by repeated errors, I treated them as clues to what I needed to fix. I also realized that I learn best by doing hands-on trial and error helped me more than just reading instructions. Spending over seven hours on this assignment showed me that I can stay focused, solve problem step by step, and grow more confident as I build new skills.