

Technical Section (Head and Hand)

- GitHub Repository url:

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

Reflection section (Heart & Soul)

1) First concept or tool I had to understand

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 I built understanding and skills

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 I learned about myself as a learner

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.