

The challenge we propose is the following:

Using the TCPH_SF1 dataset available in Snowflake, design and implement a complete and scoped data architecture and flow that simulates a Medallion architecture across all its layers. The goal is to produce a final analytical layer with an exploitable dimensional model composed of at least one fact table and the dimensions you consider relevant.

To achieve this, you must use Snowflake itself along with dbt or a similar tool to execute the transformations.

At PROPELLING TECH, we highly value solutions that include end-to-end lineage visibility—covering both the execution of processes and the data lifecycle within each data persistence zone—along with standardized processes that enable agile development cycles, among other aspects.

We would like to see your implementation in a demo, and if needed, we ask that you prepare a few slides to represent and justify your design.

You can sign up for free on Snowflake to get started:

https://signup.snowflake.com/?_ga=2.205494224.1736613381.1600878601-1899472304.1559217562

Thank you very much for your willingness, and please don't hesitate to reach out if you have any questions.

Sincerely,

Propelling Tech