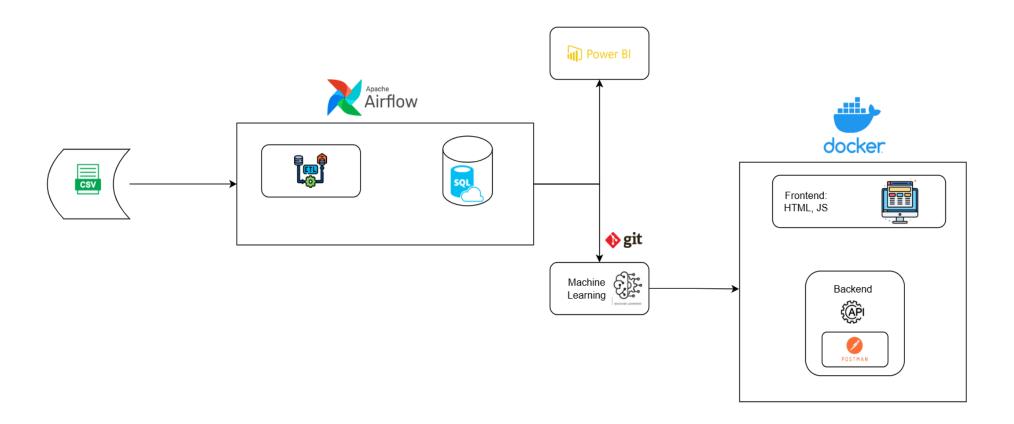
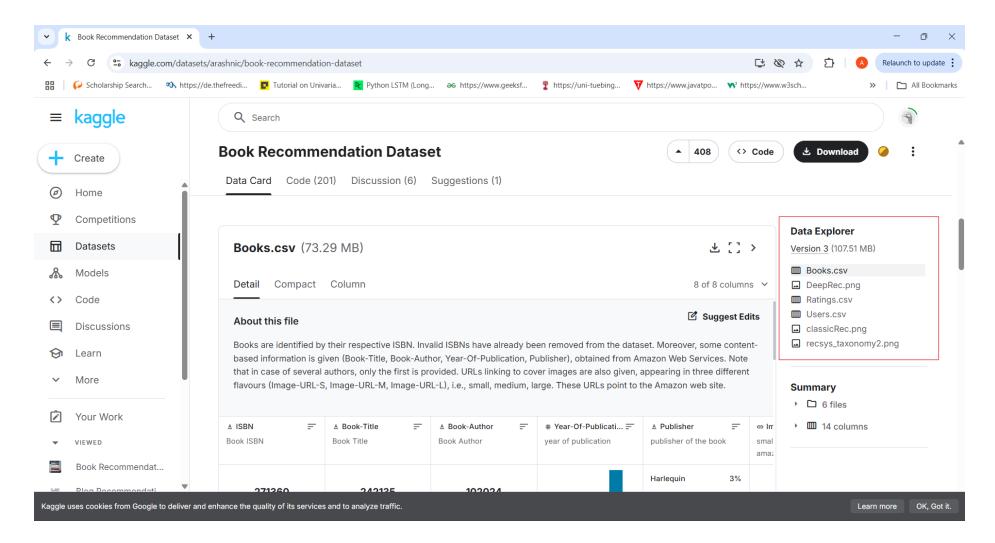
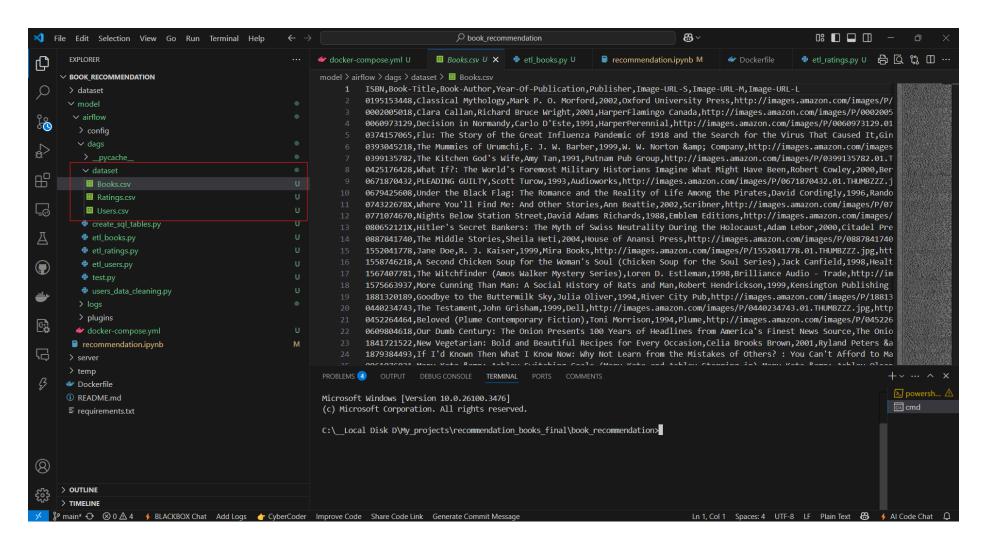
Data Engineering and Data Science Full End-to-End Project Structure



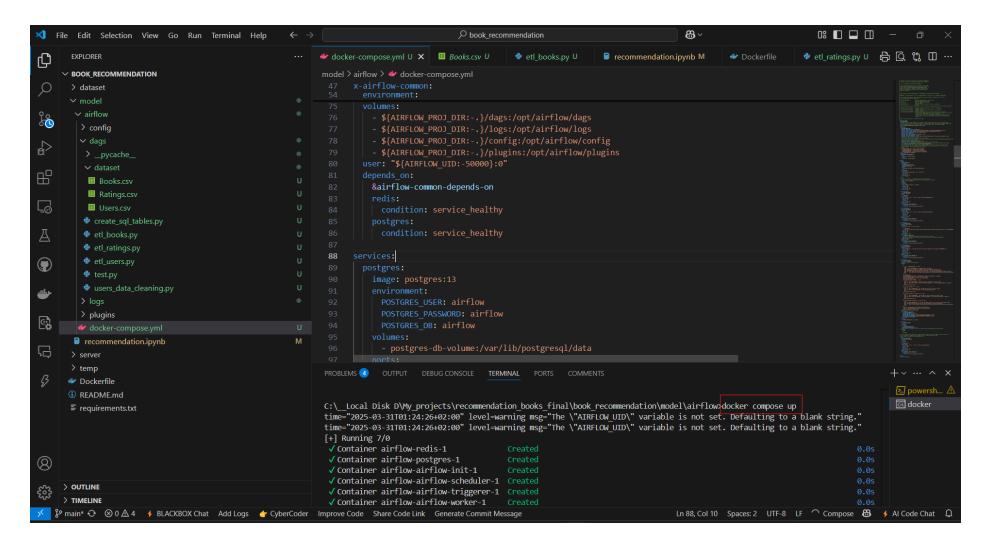
1) Getting data source



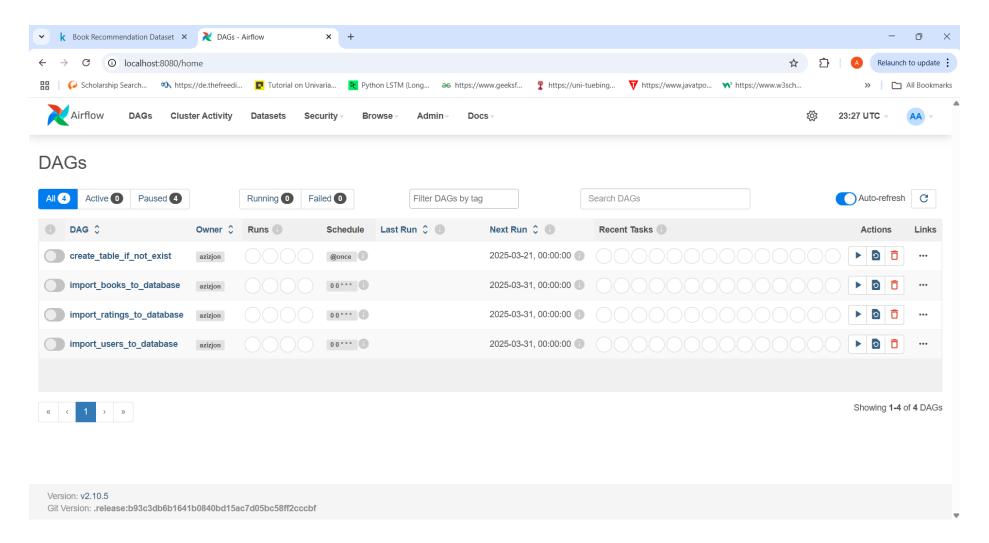
2) Dataset location in our project



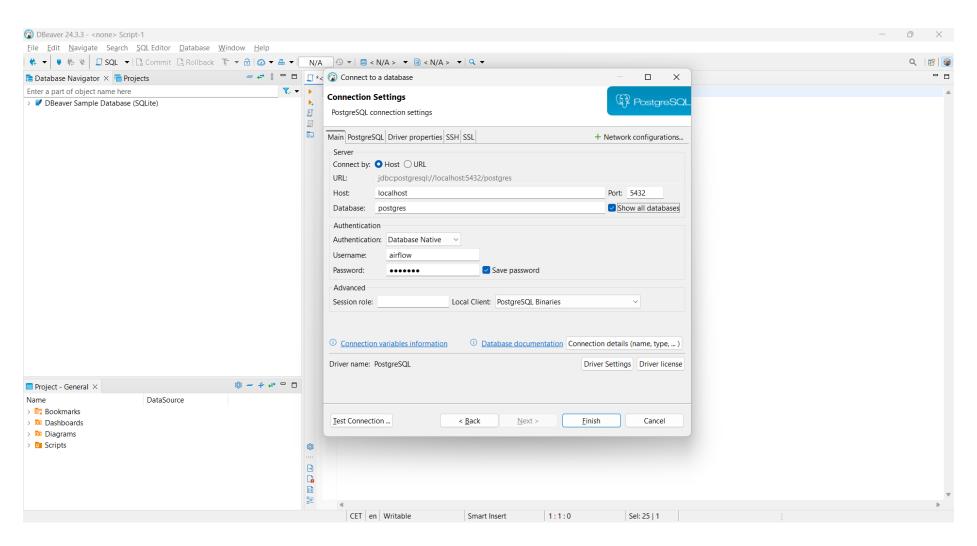
3) Initiating Apache Airflow locally



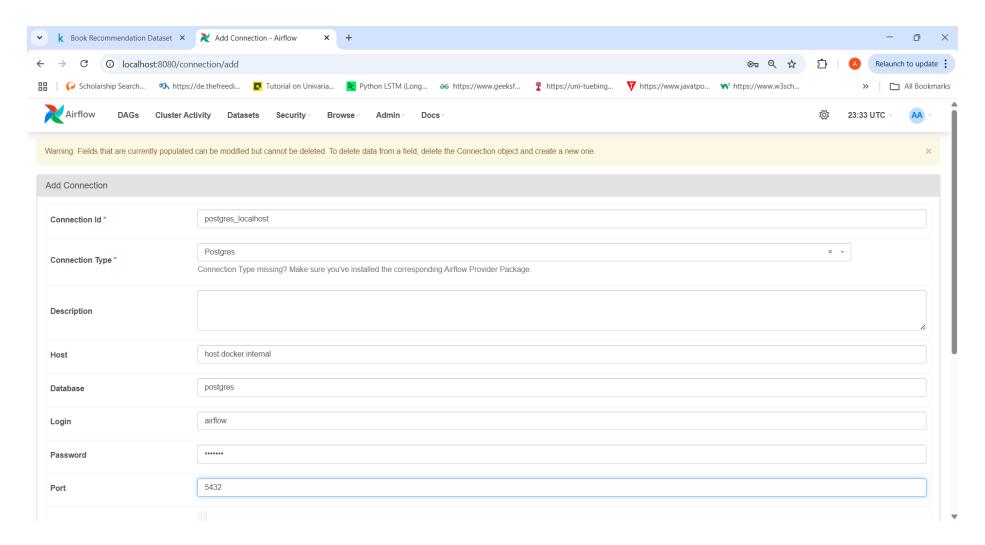
4) Apache Airflow Interface



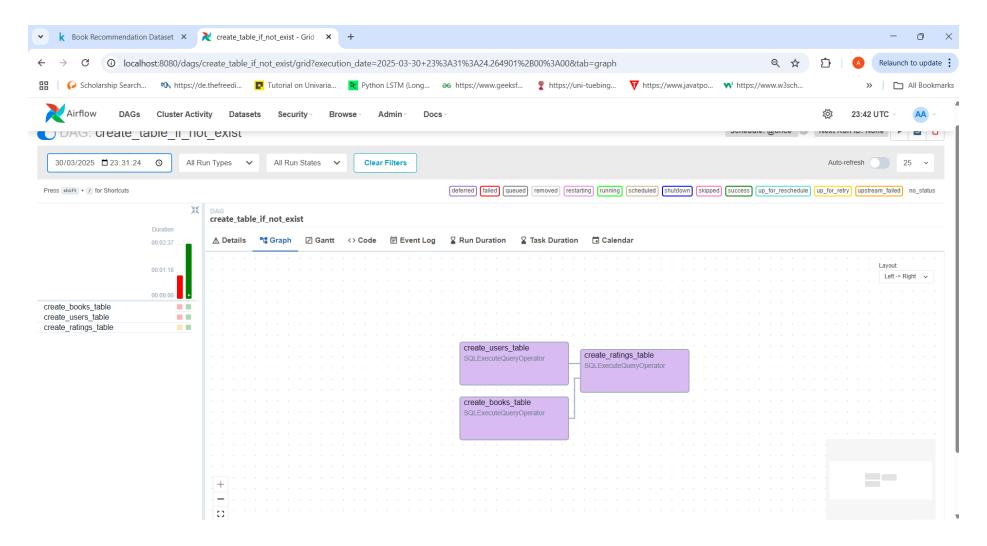
5) Setting up SQL Server



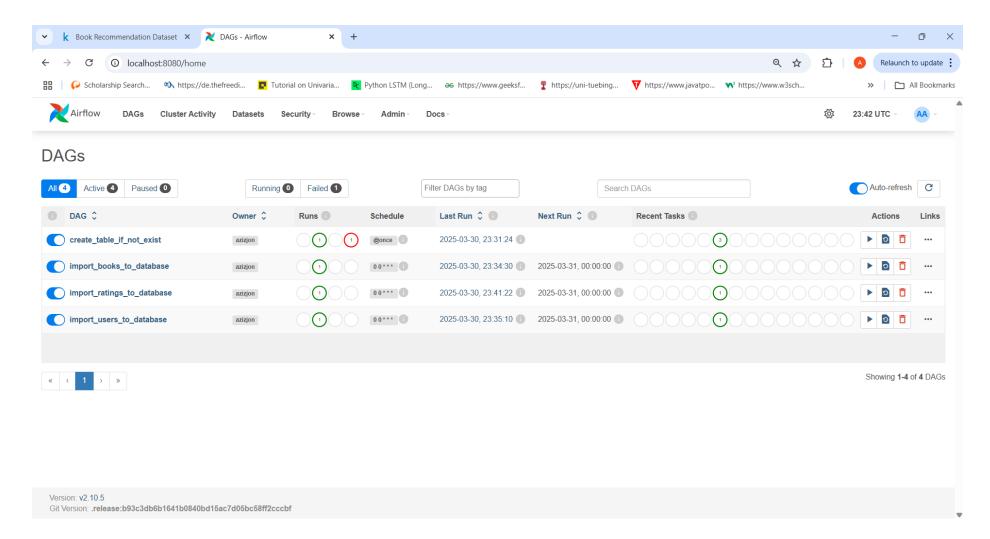
6) Connecting Airflow to SQL Server



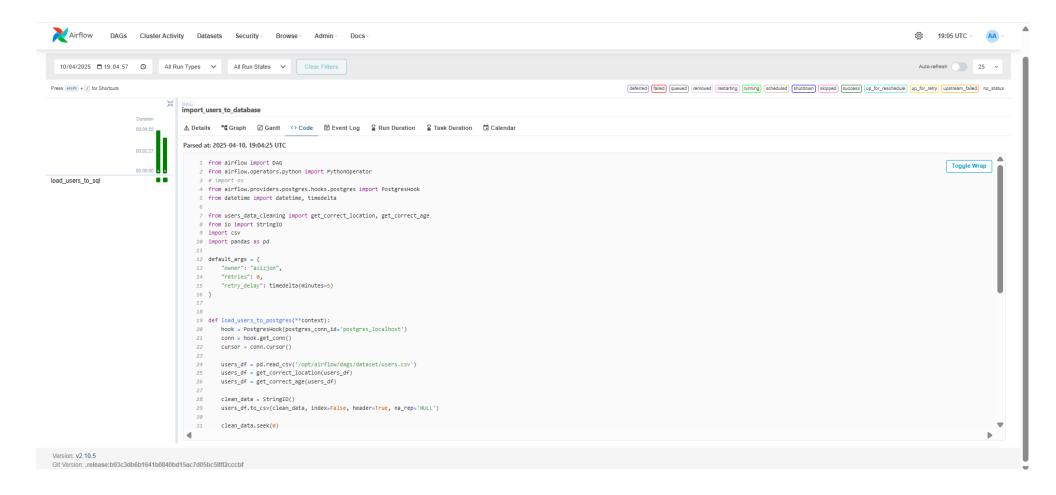
7) Creating Tables on SQL using Apache Airflow DAGs



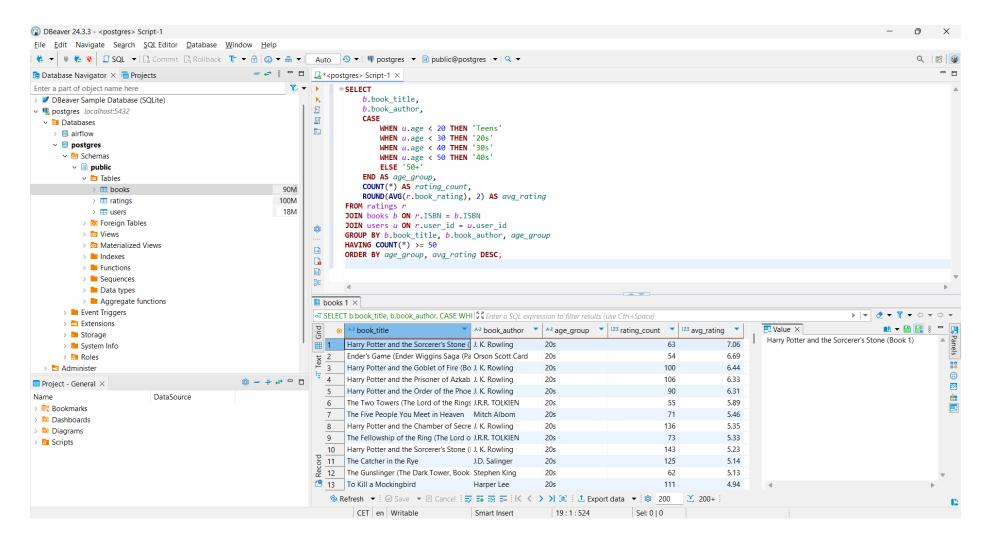
8) ETL Process



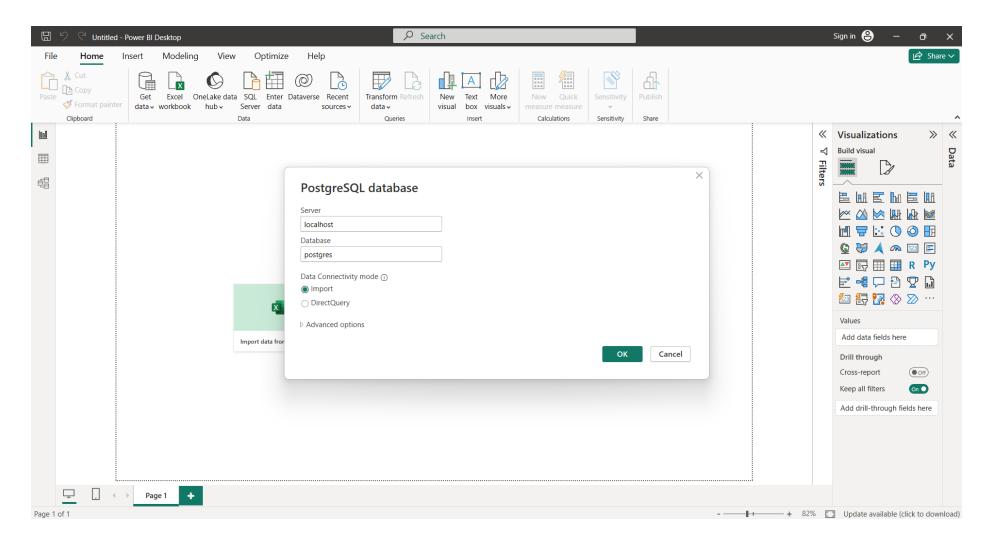
9) ETL Python codes behind Apache Airflow



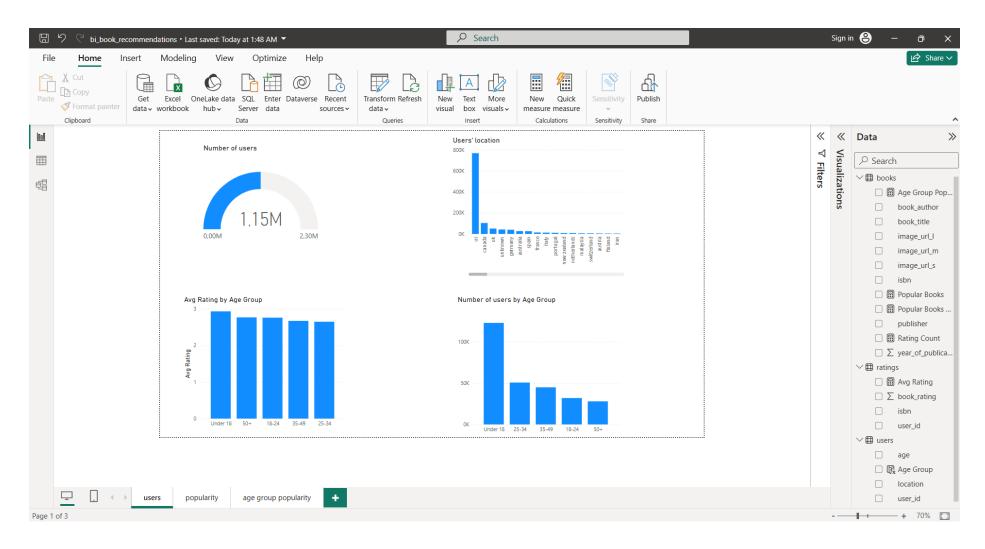
10) Running SQL commands to check for



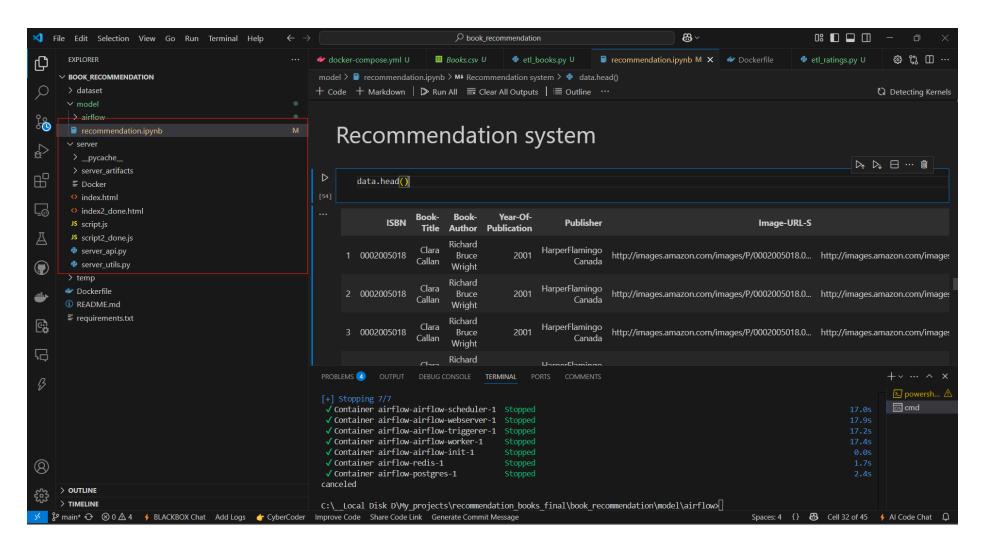
11) Connecting PowerBI to SQL Server



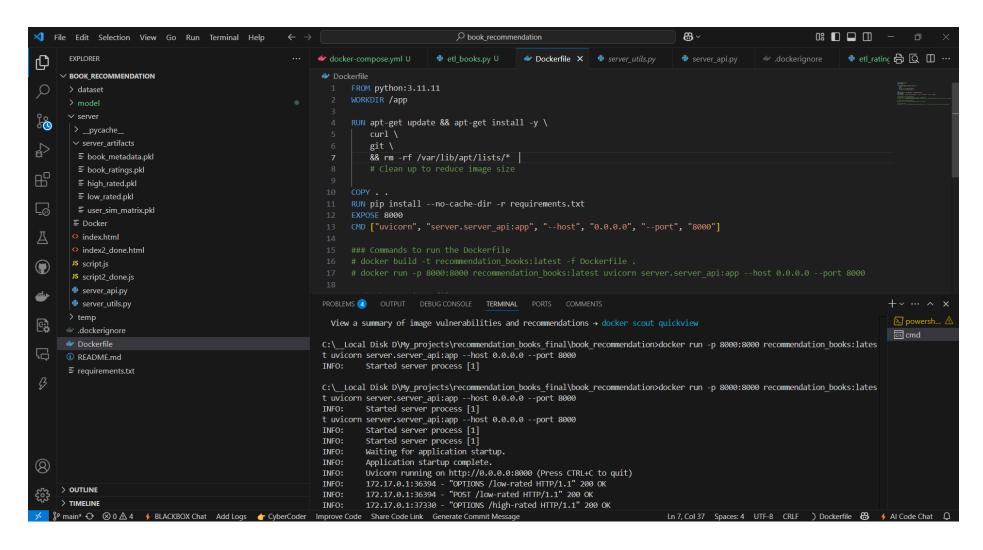
12) SQL Database usage on PowerBI



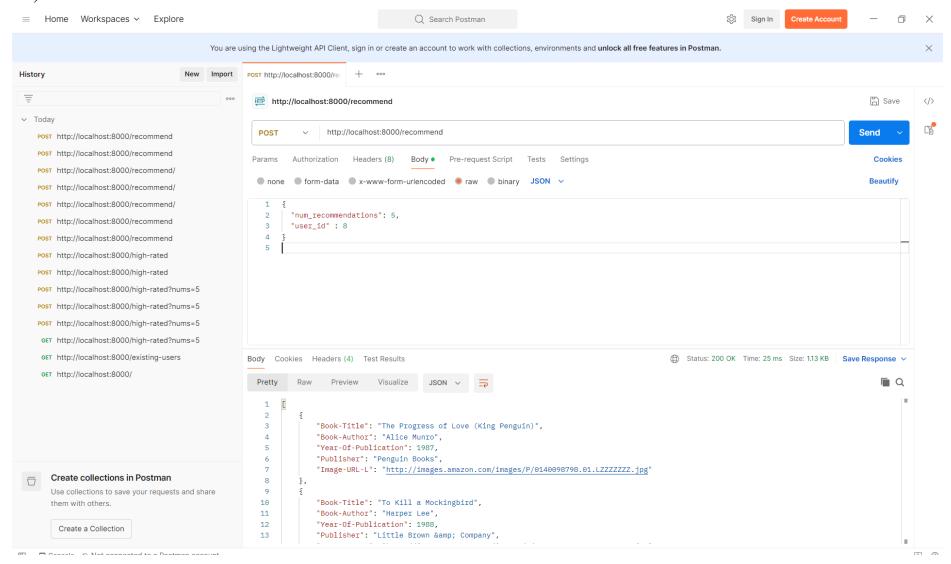
13) ML Model Backend – Frontend: recommendation.ipynb file must be executed to get server artifacts



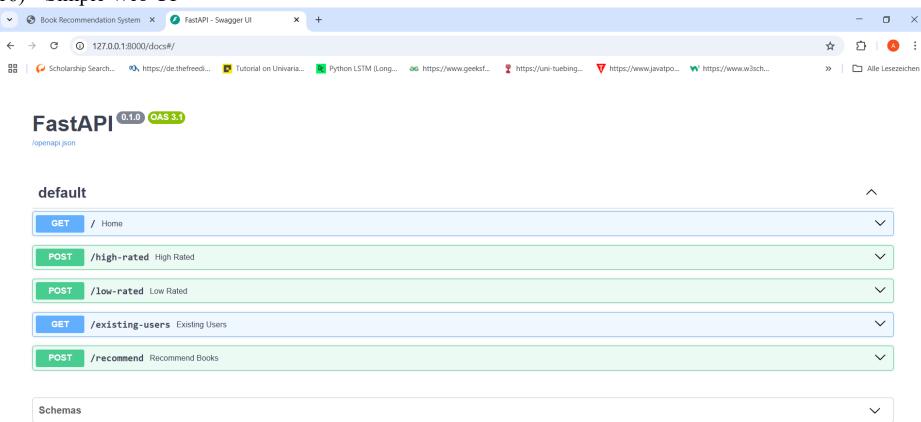
14) Deploying ML Model using Docker



15) Postman to check for API backend



16) Simple Web UI



17) Webpage using HTML and JS

