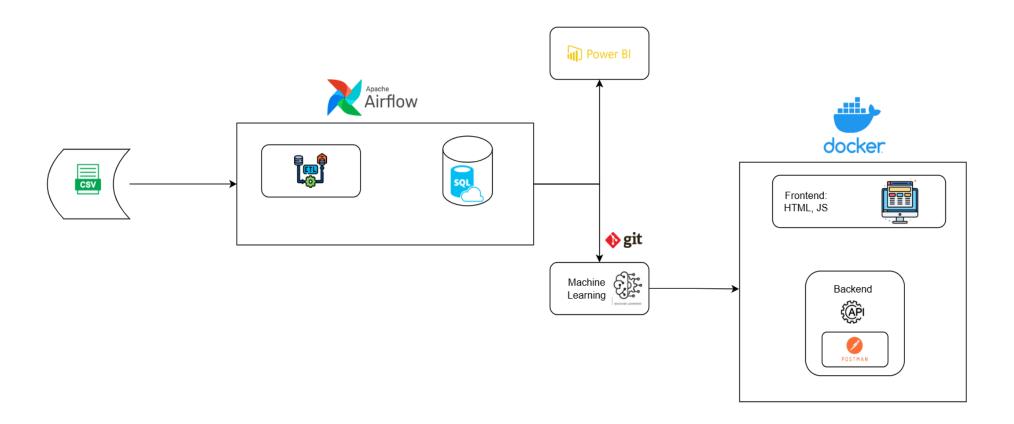
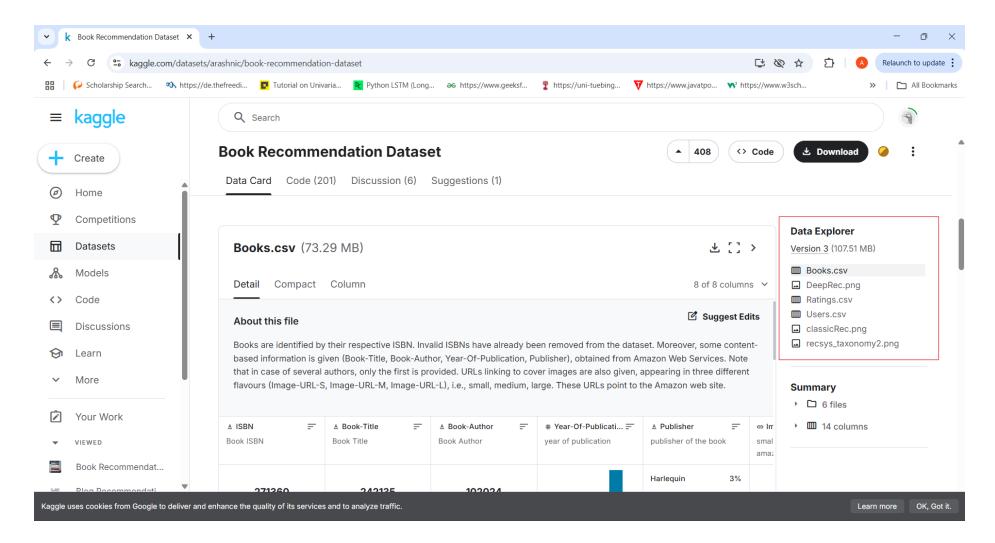
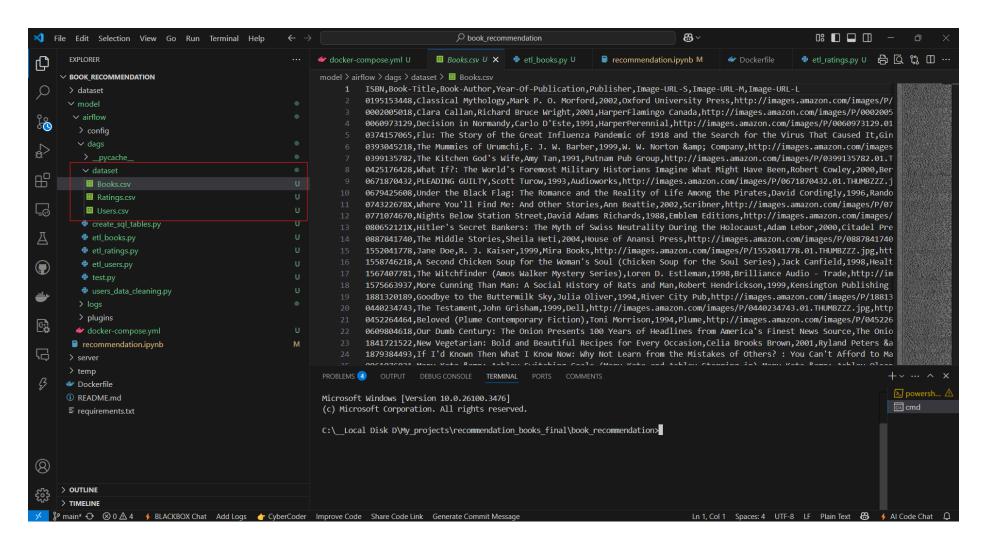
Data Engineering and Data Science Full End-to-End Project Structure



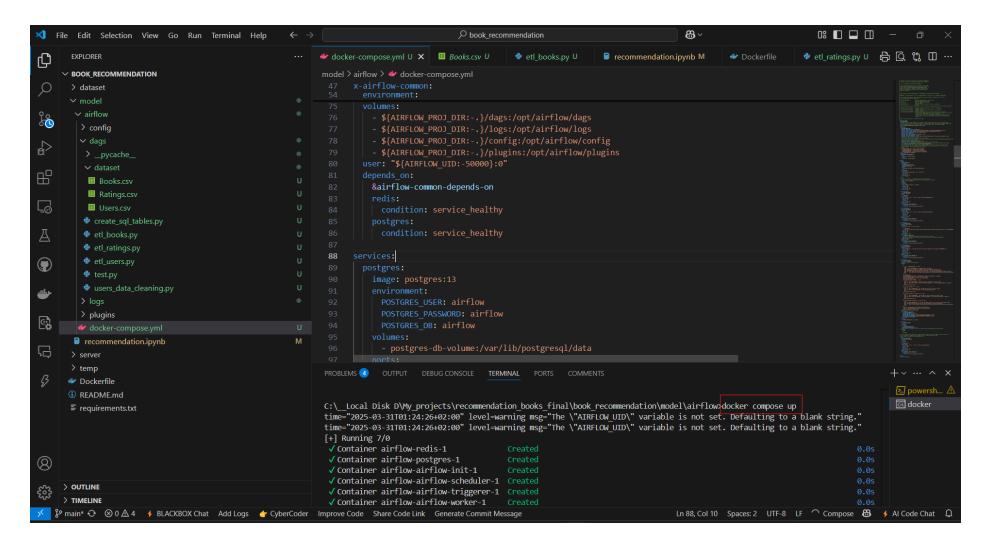
1) Getting data source



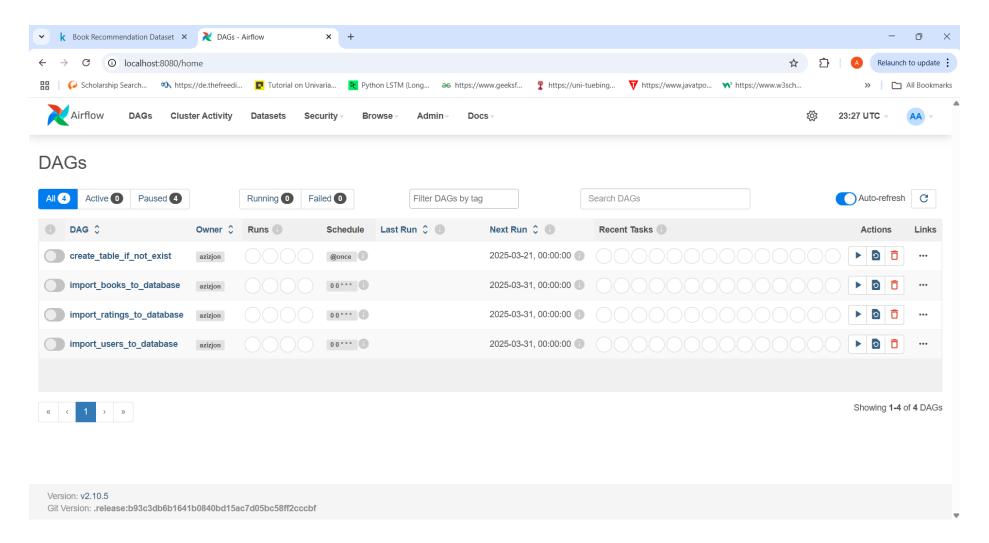
2) Dataset location in our project



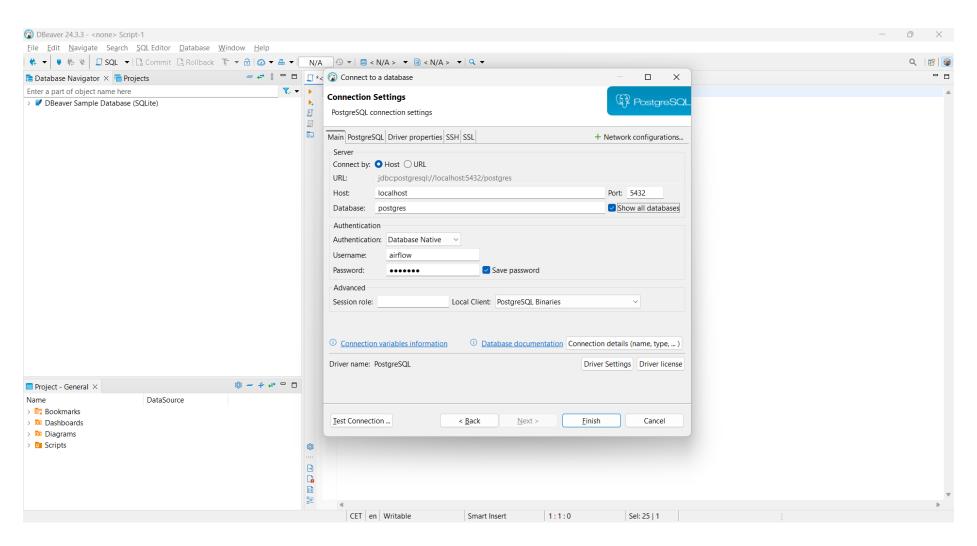
3) Initiating Apache Airflow locally



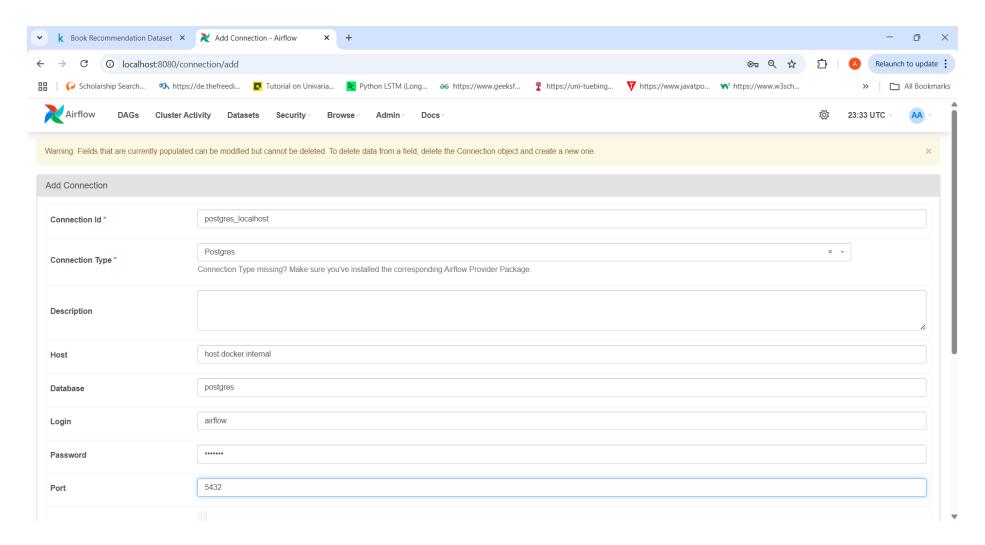
4) Apache Airflow Interface



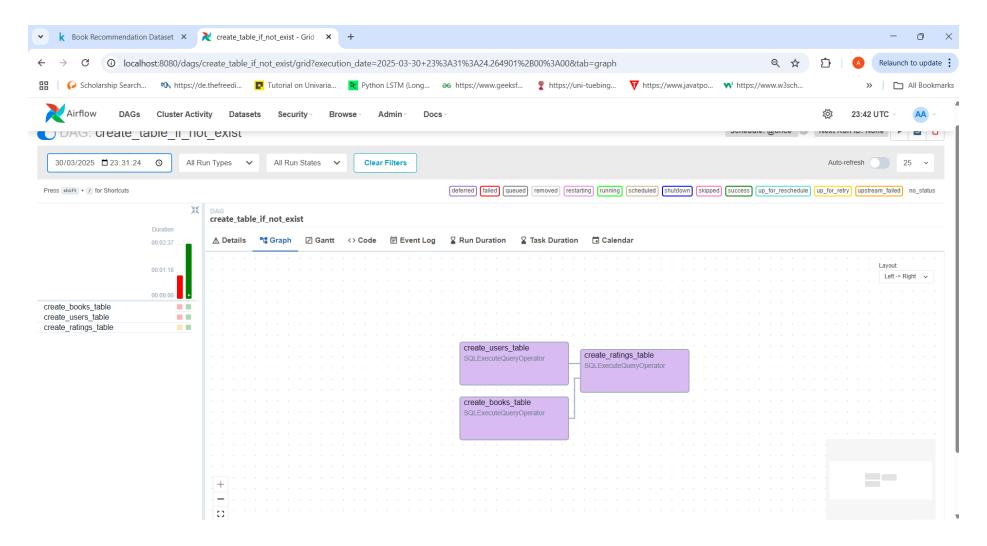
5) Setting up SQL Server



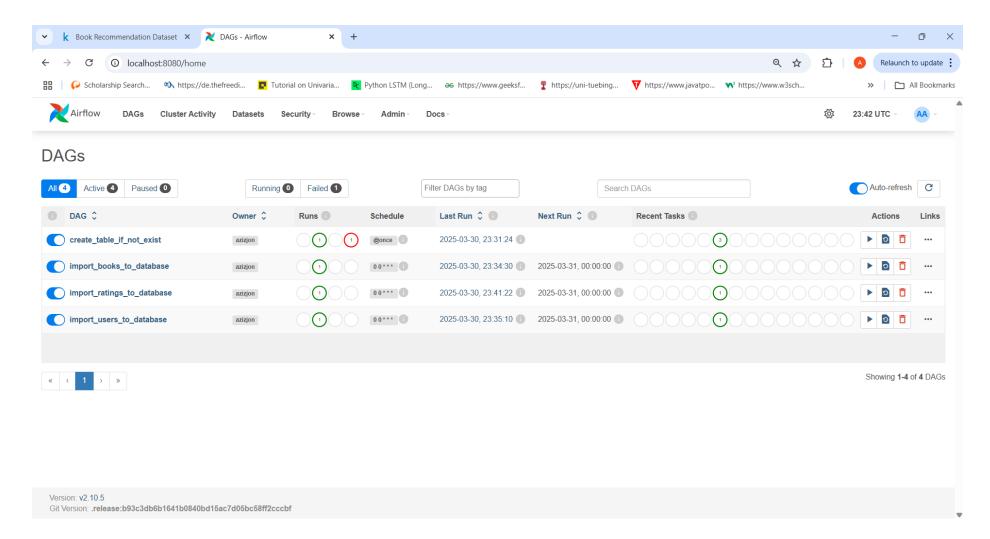
6) Connecting Airflow to SQL Server



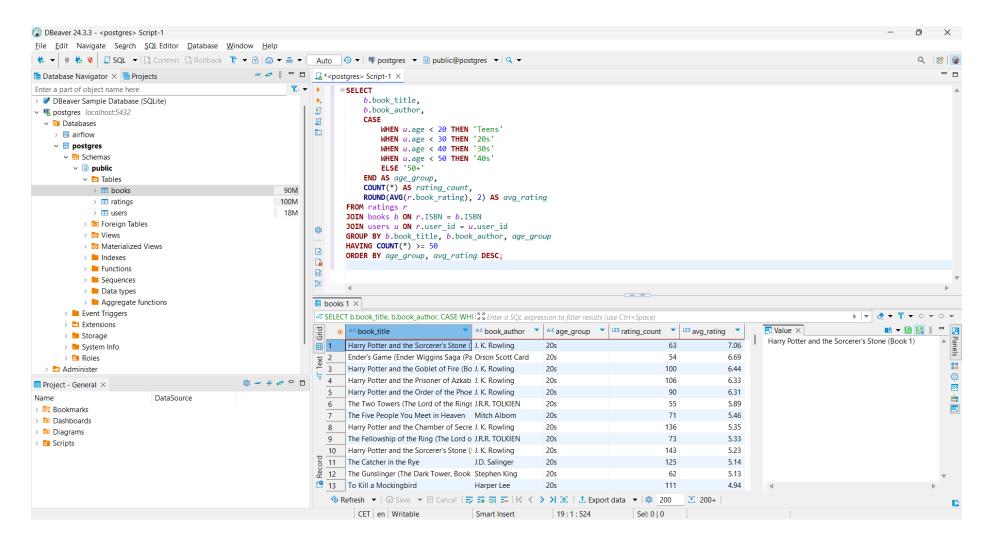
7) Creating Tables on SQL using Apache Airflow DAGs



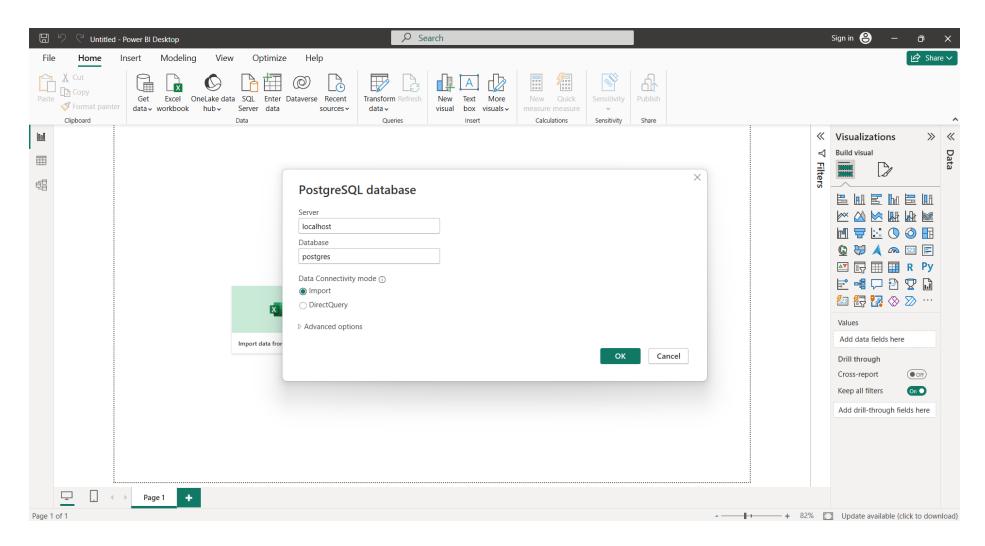
8) ETL Process



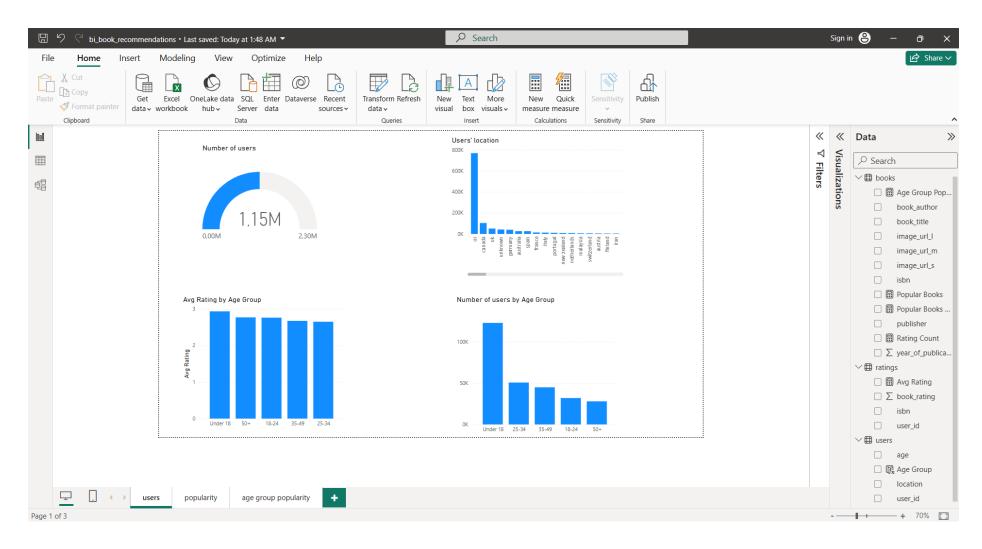
9) Running SQL commands to check for



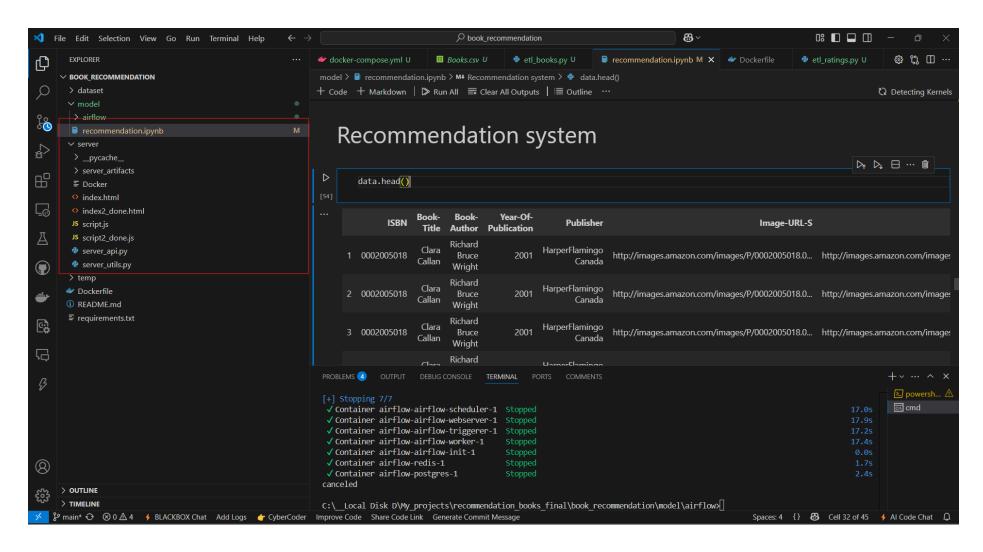
10) Connecting PowerBI to SQL Server



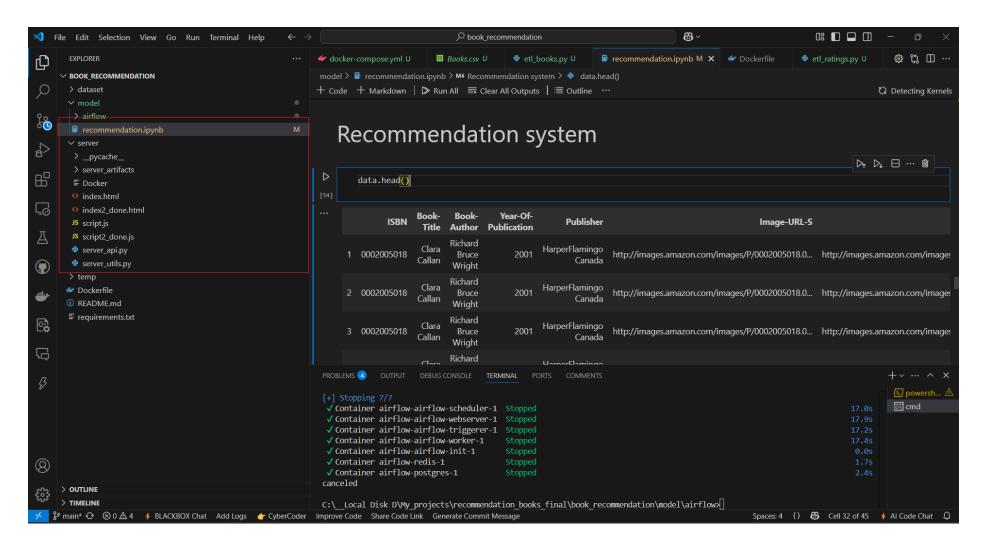
11) SQL Database usage on PowerBI



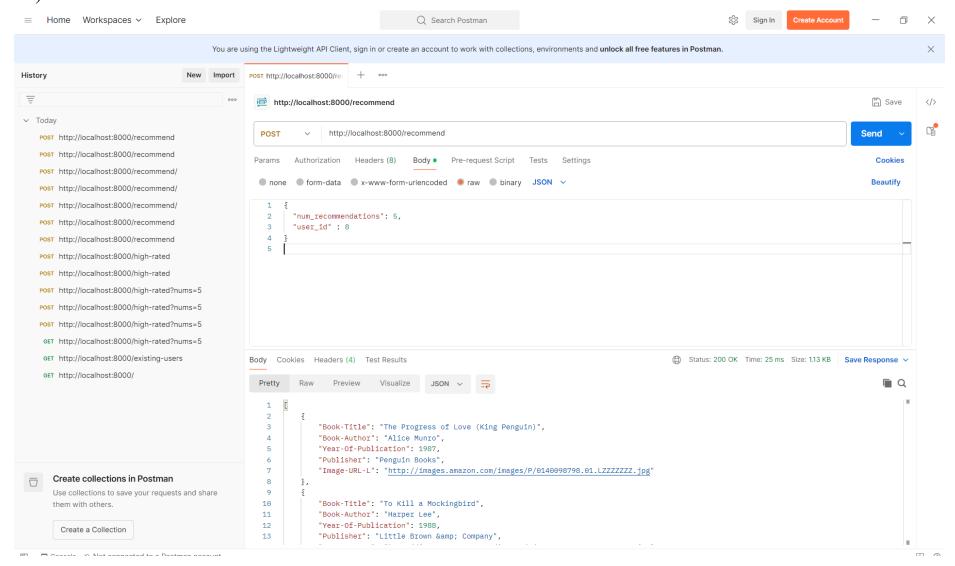
12) ML Model Backend – Frontend: recommendation.ipynb file must be executed to get server artifacts



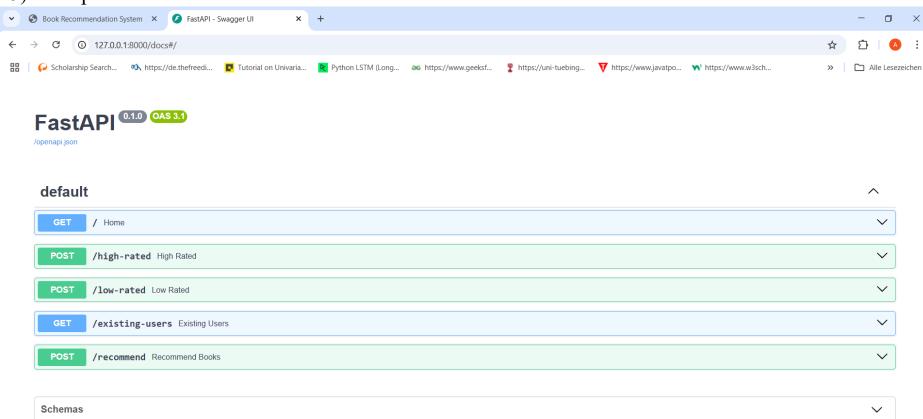
13) Deploying ML Model using Docker



14) Postman to check for API backend



15) Simple Web UI



16) Webpage using HTML and JS

