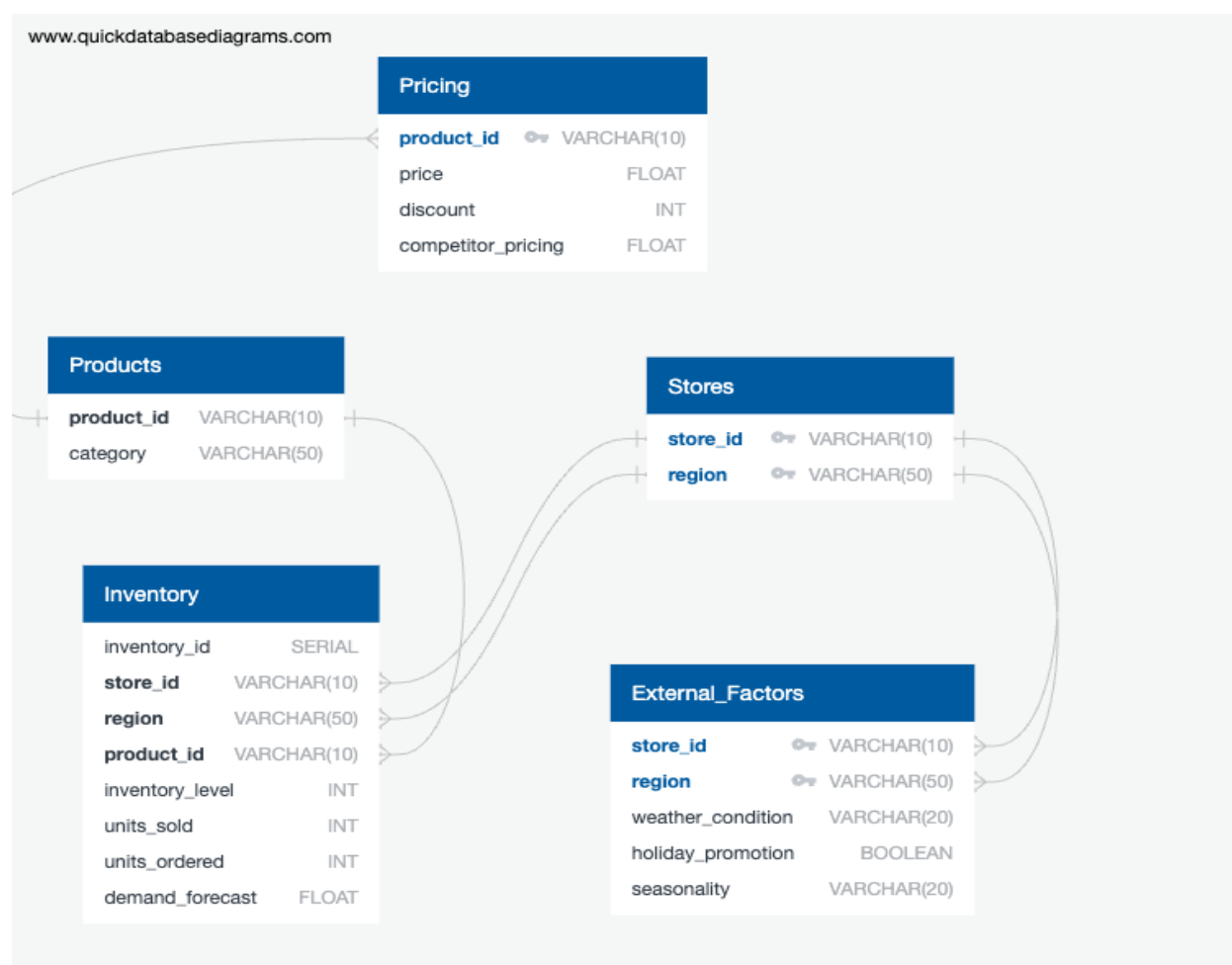


SOLVING INVENTORY INEFFICIENCIES USING ADVANCED SQL ANALYTICS

SCRIPT DOCUMENTATION

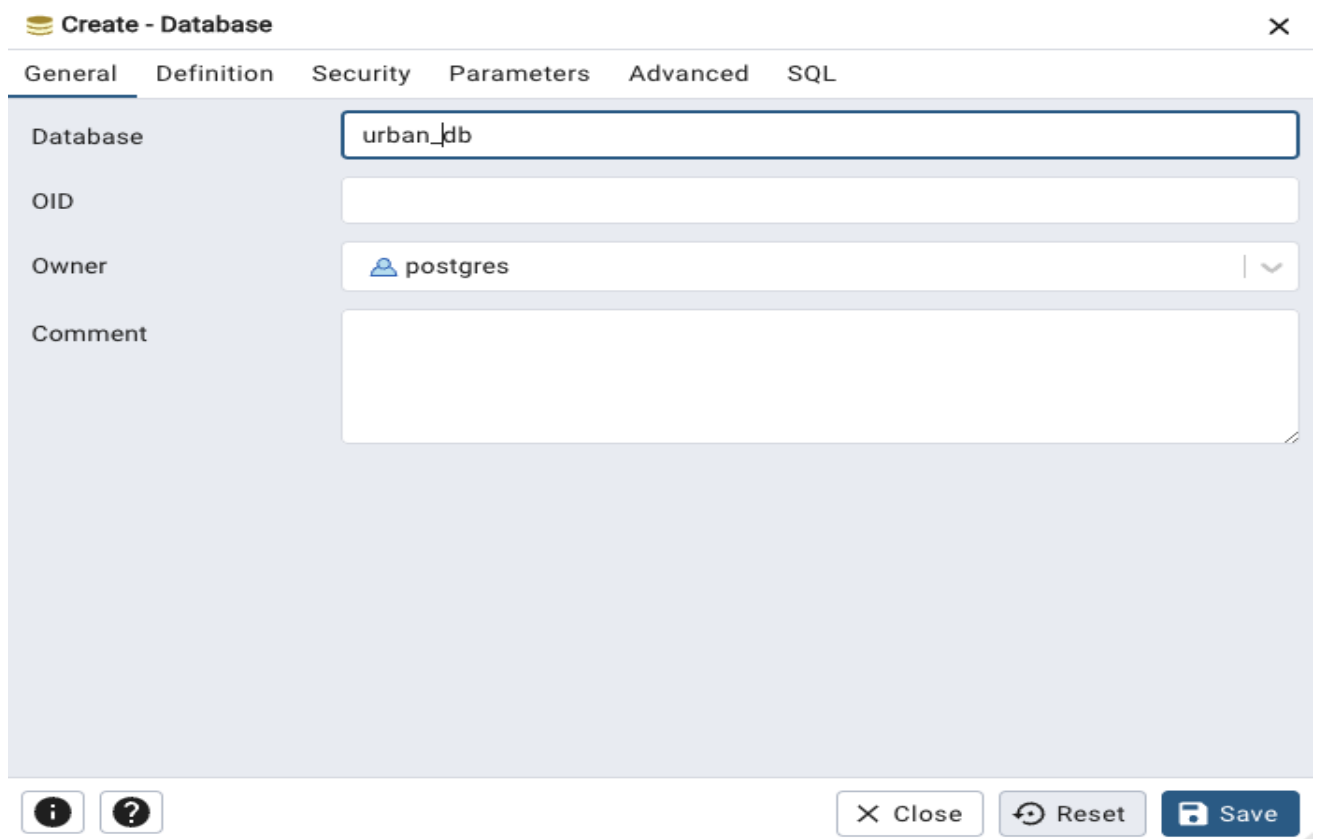
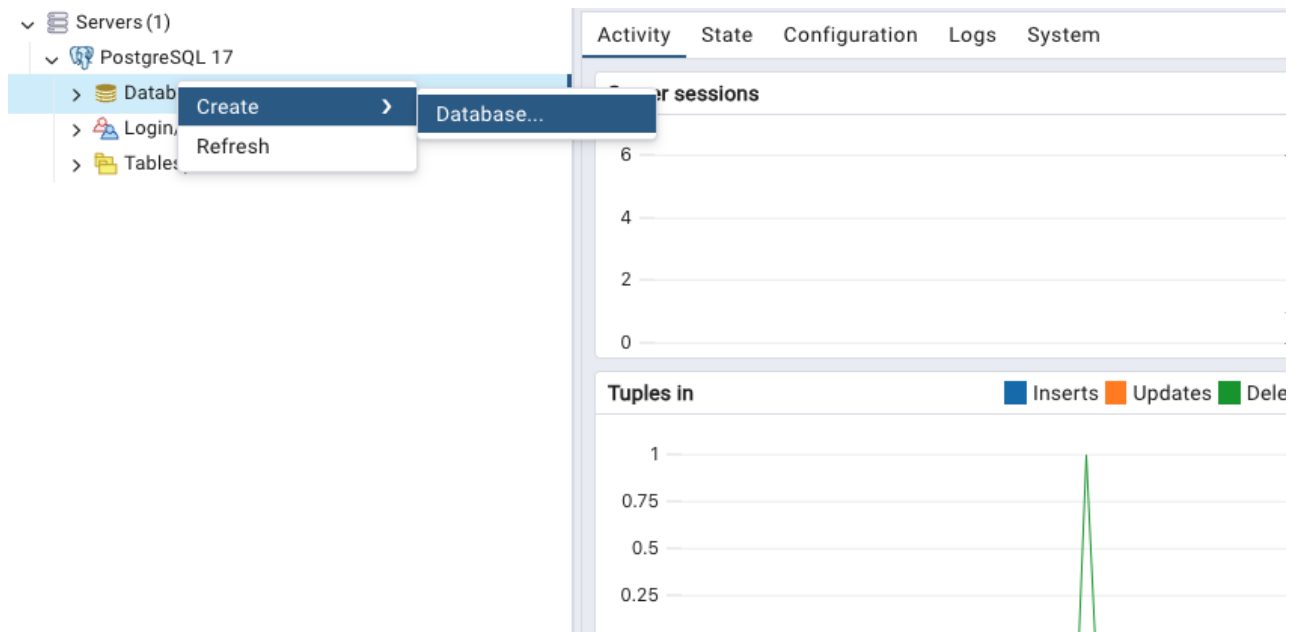
1. Designed ER Diagram

Designed the ER Diagram using a database diagram tool like [QuickDatabaseDiagrams](https://www.quickdatabasediagrams.com) & then completed diagram was then exported as a PostgreSQL-compatible **SQL schema script** (or DBML format) for implementation.



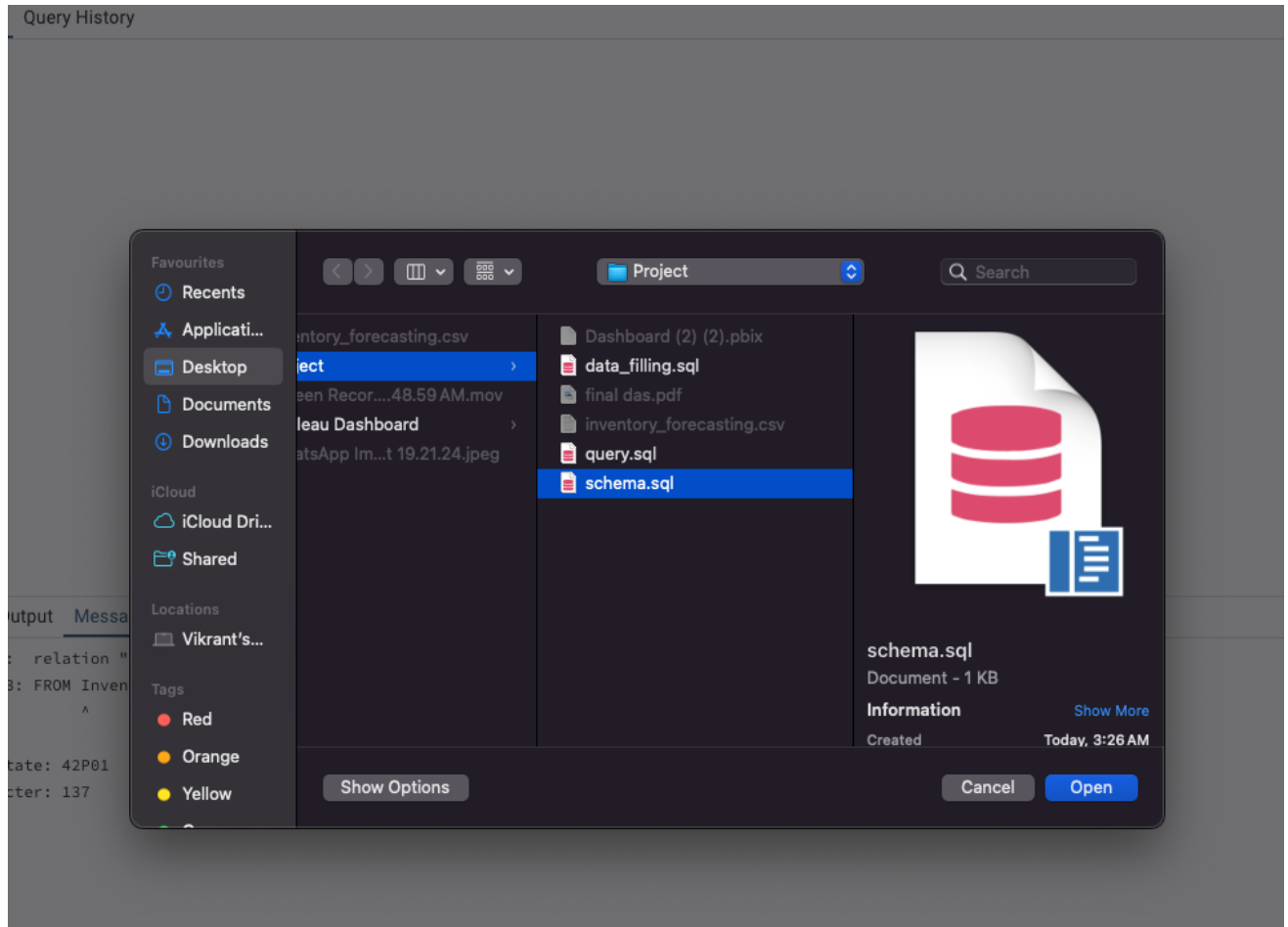
2. Created Database in pgAdmin [PostgreSQL]

Manually Created Database **urban_db** using pgAdmin and PostgreSQL.



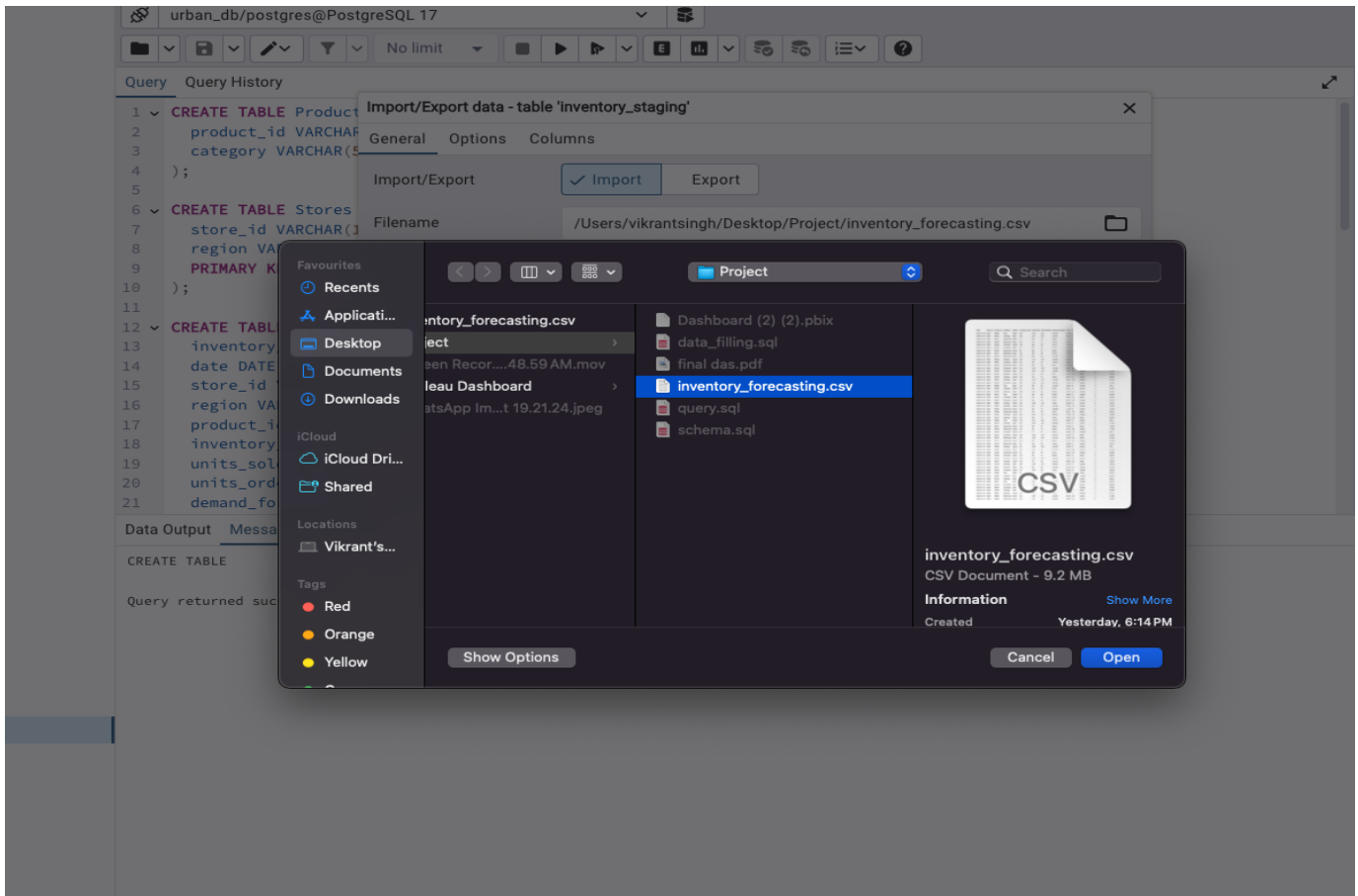
3. Created Tables Using Exported Schema Script

Executed the **schema.sql** file using query tool in pgAdmin



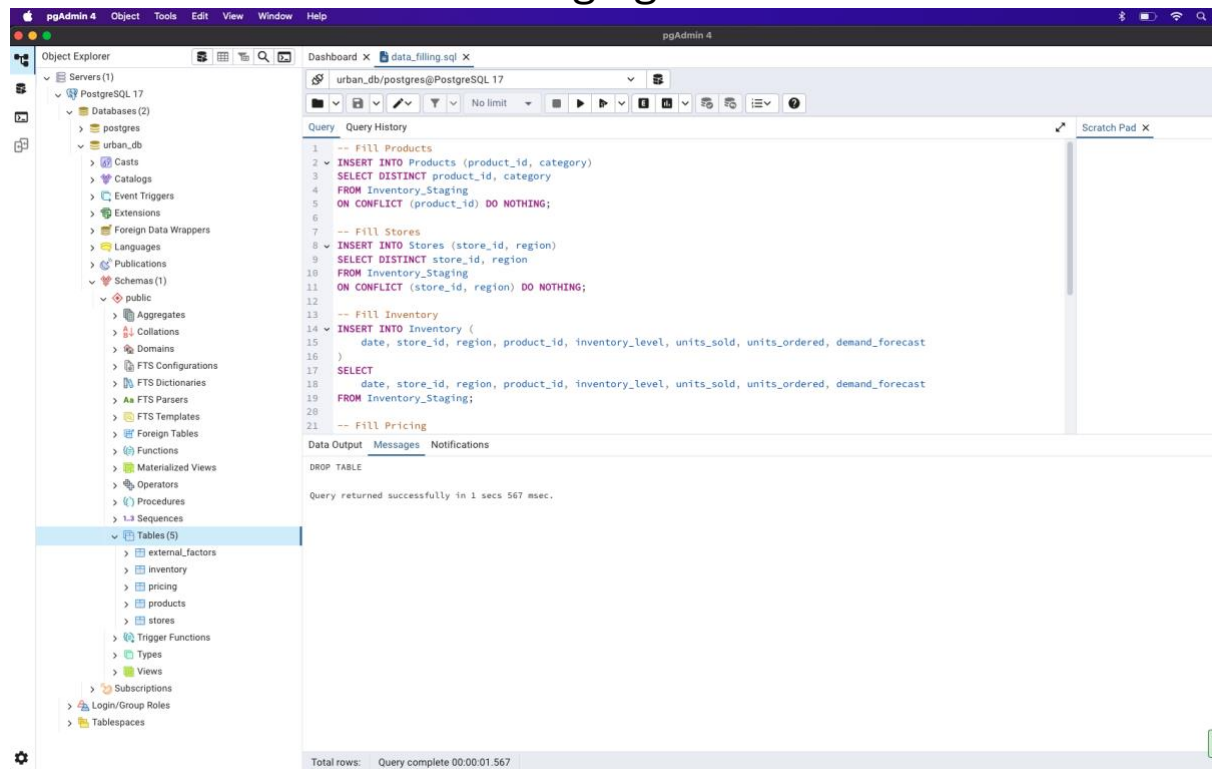
4. Loaded CSV Files Into Staging Table

Loaded the csv file into the schema



5. Loaded Cleaned Data into Final Schema

Inserted or transformed staging data into normalized schema



6. Wrote Customized SQL Queries for Analysis

Queries are present in **query.sql** named file.