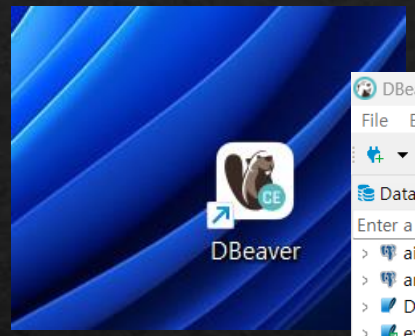
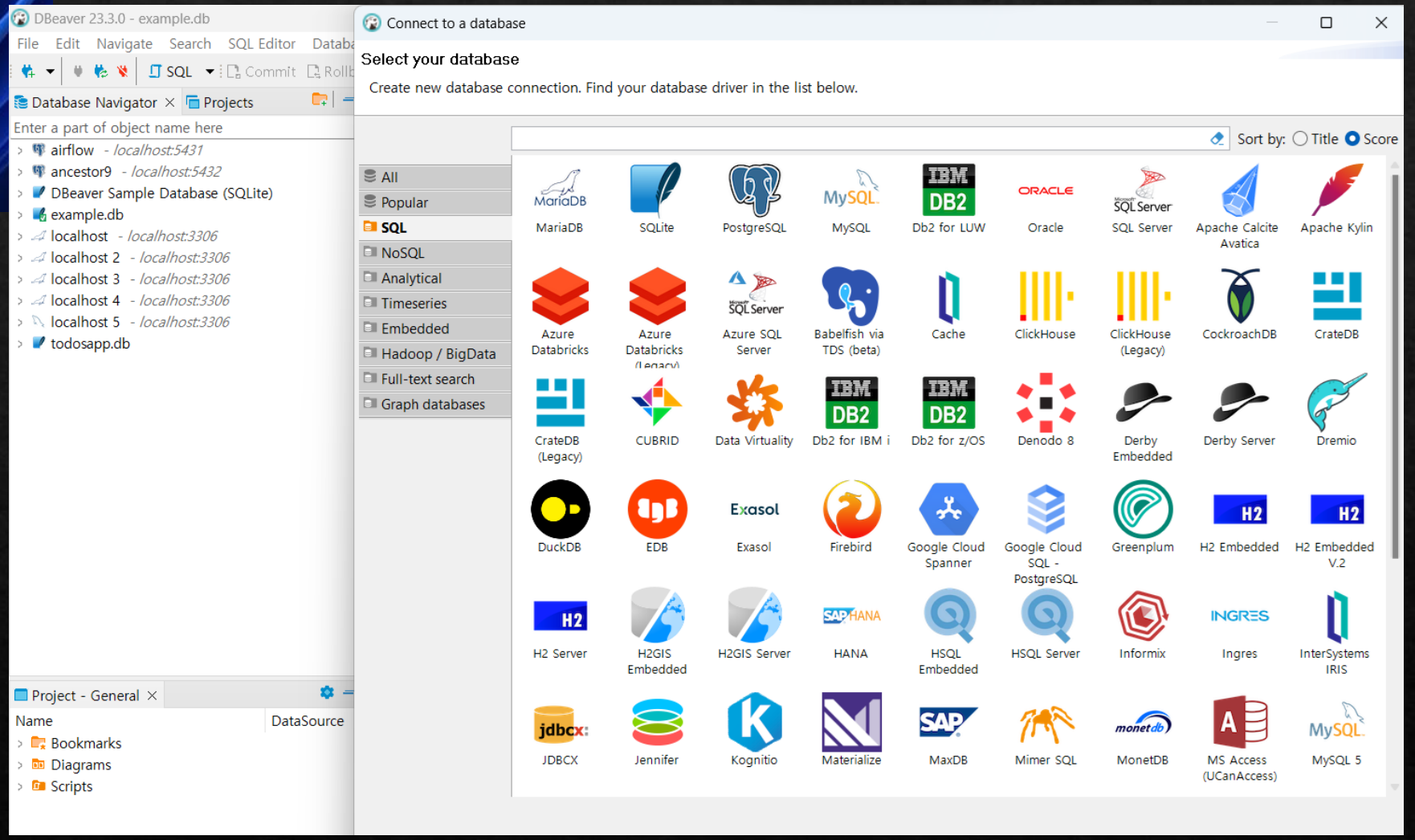
DBeaver

Python sqlites with DBeaver

DBeaver


DBeaver


DBeaver 23.3.0 - example.db
File Edit Navigate Search SQL Editor
SQL Commit
Database Navigator
Projects
Enter a part of object name here
airflow - localhost:5431
ancestor9 - localhost:5432
DBeaver Sample Database (SQLite)
example.db
localhost - localhost:3306
localhost 2 - localhost:3306
localhost 3 - localhost:3306
localhost 4 - localhost:3306
localhost 5 - localhost:3306
todosapp.db
Project - General
Name
DataSource
Bookmarks
Diagrams
Scripts
Connect to a database
Select your database
Create new database connection. Find your database driver in the list below.
Sort by: Title Score
All
Popular
SQL
NoSQL
Analytical
Timeseries
Embedded
Hadoop / BigData
Full-text search
Graph databases
MariaDB
SQLite
PostgreSQL
MySQL
Db2 for LUW
Oracle
SQL Server
Apache Calcite Avatica
Apache Kylin
Azure Databricks
Azure Databricks (Legacy)
Azure SQL Server
Babelfish via TDS (beta)
Cache
ClickHouse
ClickHouse (Legacy)
CockroachDB
CrateDB
CrateDB (Legacy)
CUBRID
Data Virtuality
Db2 for IBM i
Db2 for z/OS
Denodo 8
Derby Embedded
Derby Server
Dremio
DuckDB
EDB
Exasol
Firebird
Google Cloud Spanner
Google Cloud SQL - PostgreSQL
Greenplum
H2 Embedded
H2 Embedded V.2
H2 Server
H2GIS Embedded
H2GIS Server
HANA
HSQL Embedded
HSQL Server
Informix
Ingres
InterSystems IRIS
JDBCX
Jennifer
Kognitio
Materialize
MaxDB
Mimer SQL
MonetDB
MS Access (UCanAccess)
MySQL 5

실습하기


PRODUCTION
DIRECTOR
CAMERA
DATE
SCENE
TAKE
Install Dbeaver

MySQL 도커 컨테이너 설치 후 DBeaver 연결하기

Local Host

DBeaver

(https://dbeaver.io/download/)

- Image pull
- Run ~~ -p 3307:3306 mysql
- Connect MySQL via DBeaver
- CRUD

Docker

MySQL

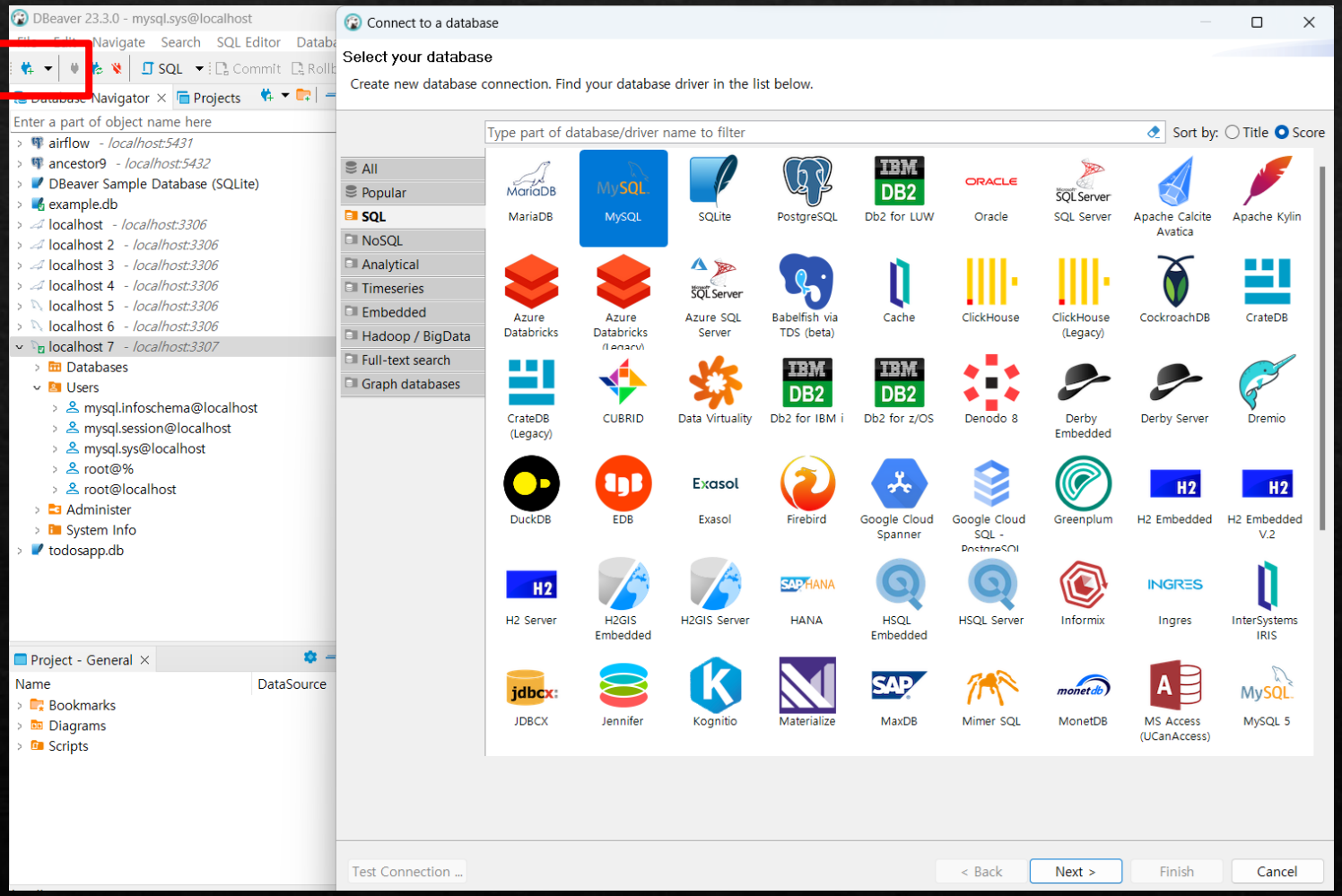
(https://hub.docker.com/_/mysql
)

MySQL 도커 컨테이너 설치(Run)

```
>> docker pull mysql
>> docker ps
>> docker images
>> docker run --name test_mysql -e MYSQL_ROOT_PASSWORD=1111 -d -p 3307:3306 mysql
>> docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED          STATUS          PORTS
                NAMES
7ca8d808ff22   mysql     "docker-entrypoint.s…"   About a minute ago   Up About a minute   33060/tcp, 0.0.0.0:3307->3306/tcp, :::3307->3306/tcp
test_mysql
```

DBeaver로 MYSQL 연결하기

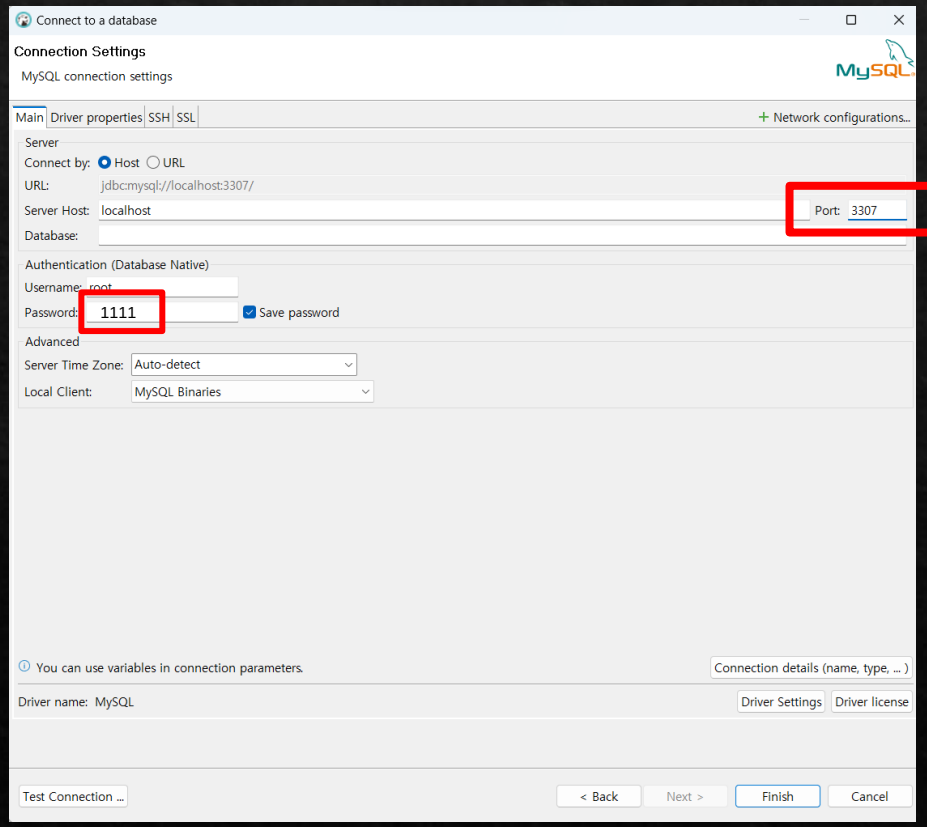
- 컨테이너 내부의 MySQL 서버에 할당된 3306번 포트를 컨테이너 외부(로컬 호스트)의 3307번 포트에 포트 포워딩 했으므로 로컬 호스트의 3307번 포트를 호스트 주소로 설정

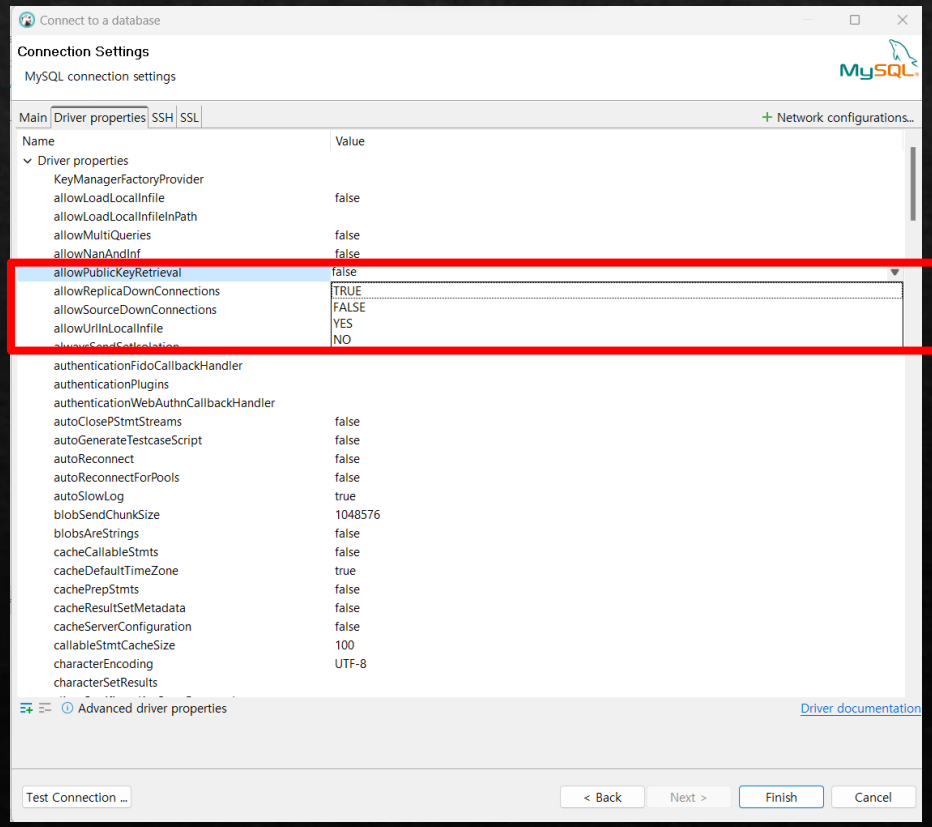


- 참고자료_media.com

DBeaver로 MYSQL 연결하기

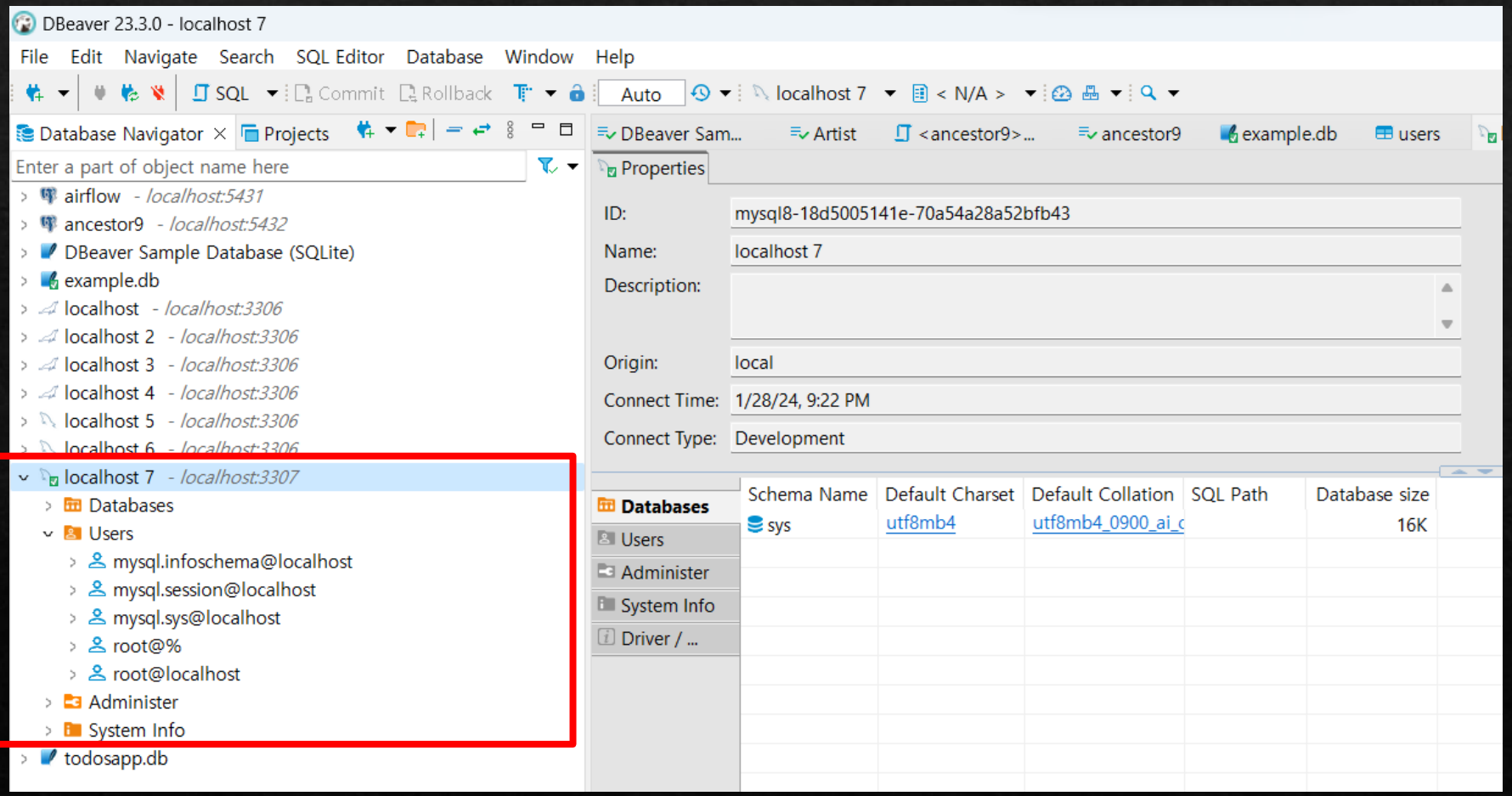
- 컨테이너 내부의 MySQL 서버에 할당된 3306번 포트를 컨테이너 외부(로컬 호스트)의 3307번 포트에 포트 포워딩 했으므로 로컬 호스트의 3307번 포트를 호스트 주소로 설정
- MySQL 8.0 이상에서의 보안 설정값의 문제로 연결 구성 화면의 Driver properties 설정 창에서 allowPublicKeyRetrieval 값을 true 로 설정





DBeaver로 MYSQL 연결하기

❖ 내부 데이터 Schema 확인



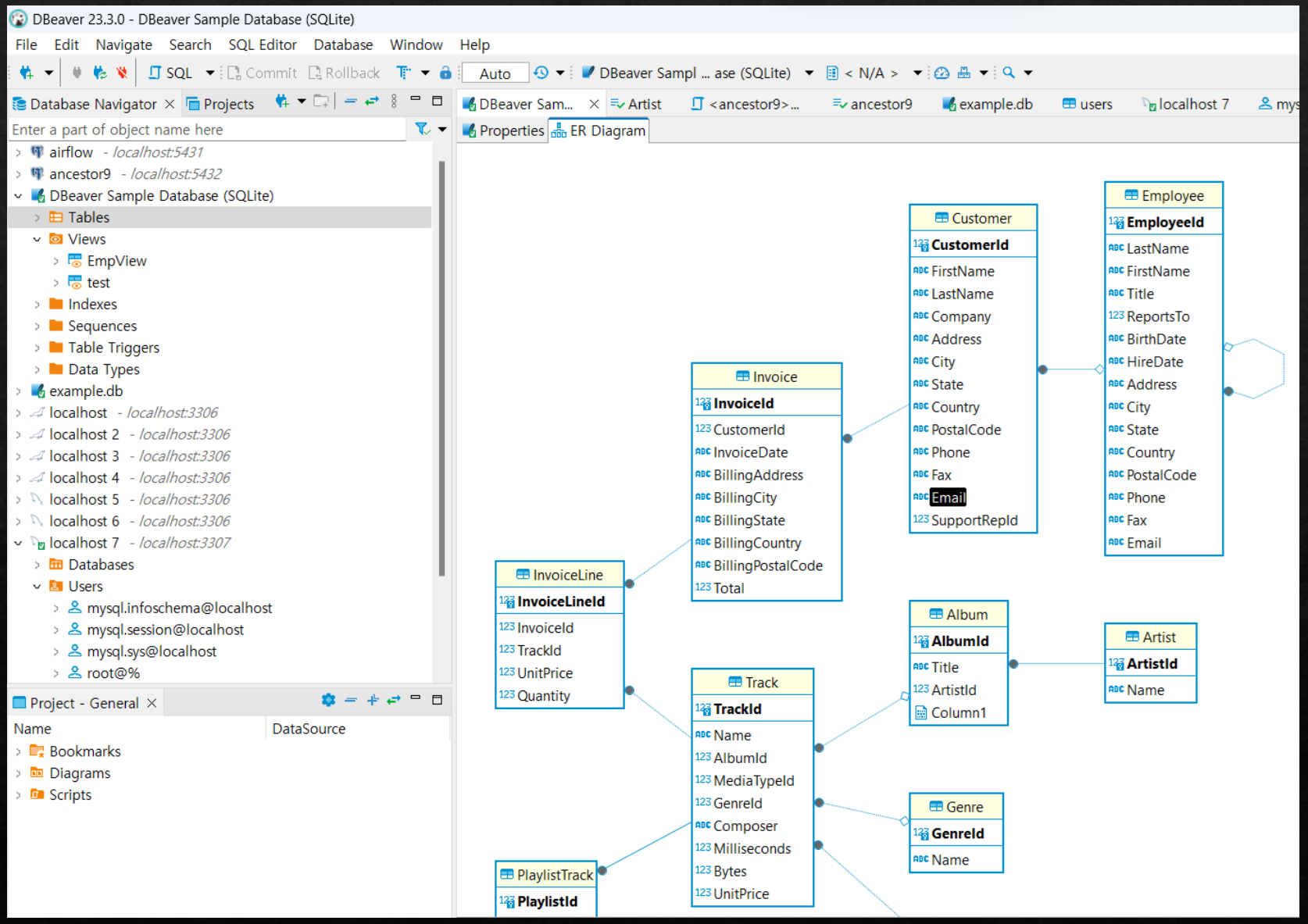
과제

Chat GPT:

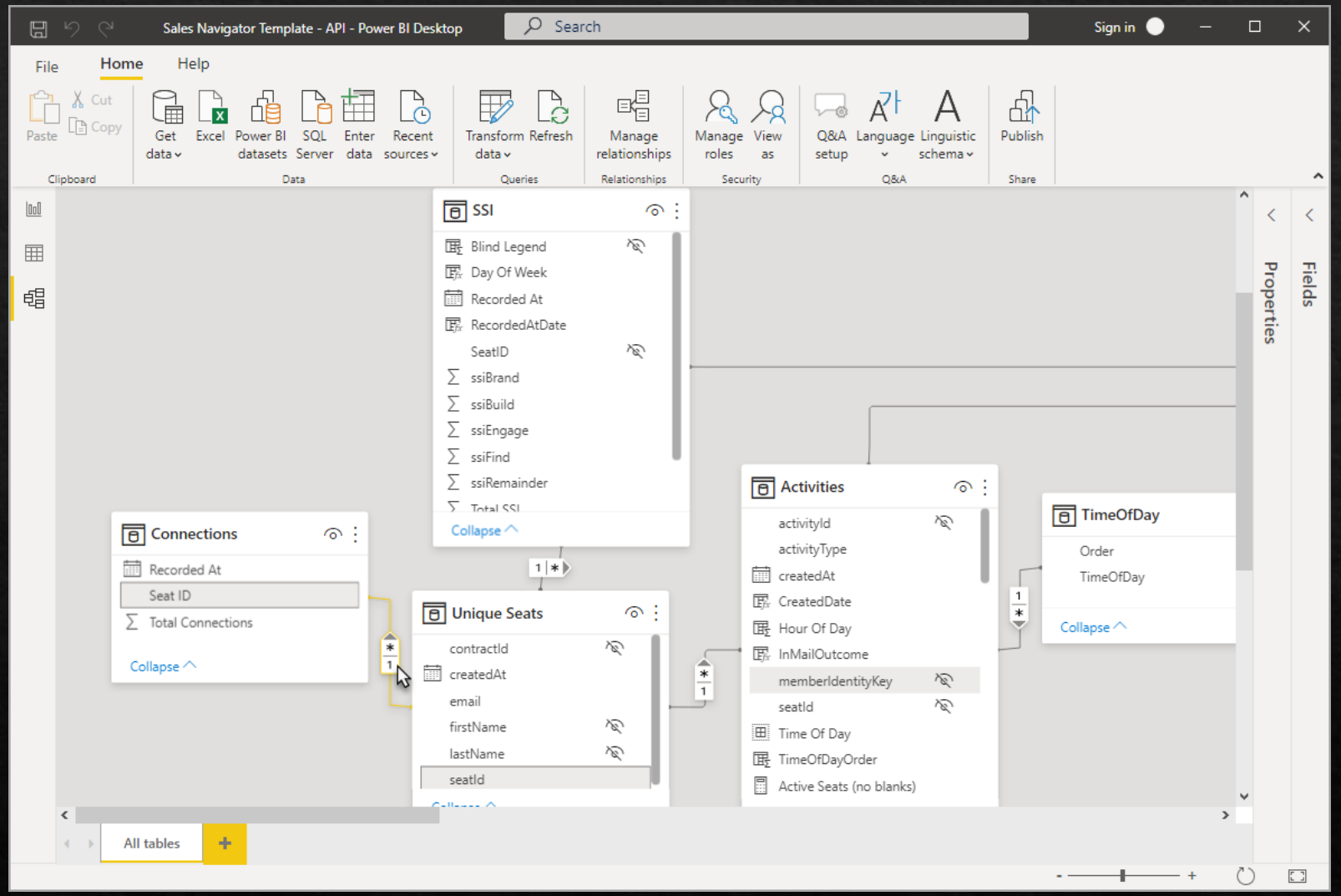
GitHub Copilot

- Co-lab or VScode
- python sqlite3
- Create DB
- Create table with 1,000 simulation data into Table using Fake
- Download DB into local PC
- Finally Connect vis DBeaver
- CRUD data on DBeaver

Digress: DBeaver로 ERD



Digress: Power BI



https://learn.microsoft.com/ko-kr/power-bi/transform-model/desktop-relationship-view