



SingleStore Notebooks

Movie Recommender Part 1

Database Operations

Create Database

```
In [6]: shared_tier_check = %sql SHOW VARIABLES LIKE "is_shared_tier"

if not shared_tier_check or shared_tier_check[0][1] == "OFF":
    %sql DROP DATABASE IF EXISTS recommender_db;
    %sql CREATE DATABASE IF NOT EXISTS recommender_db;
```



Action Required

Select the database from the drop-down menu at the top of this notebook.

Create Tables

```
In [7]: %%sql
DROP TABLE IF EXISTS users;
DROP TABLE IF EXISTS movies;
DROP TABLE IF EXISTS ratings;

CREATE TABLE users (
    id INT PRIMARY KEY,
    gender VARCHAR(5),
    age INT,
    zip_code VARCHAR(255),
    occupation VARCHAR(255),
    factors VECTOR(100)
);

CREATE TABLE movies (
    id INT PRIMARY KEY,
    title VARCHAR(255),
    genres VARCHAR(255),
    poster VARCHAR(255),
    factors VECTOR(100)
);

CREATE TABLE ratings (
    user_id INT,
    movie_id INT,
    rating FLOAT,
    timestamp INT
);
```

Out [7]: