



SingleStore Notebooks

Movie Recommender Part 1

Database Operations

Create Database

```
In [9]: %%sql
-- If you are not using the free tier, uncomment the following lines.

-- DROP DATABASE IF EXISTS recommender_db;
-- CREATE DATABASE IF NOT EXISTS recommender_db;
```

Out [9]:



Action Required

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

Create Tables

```
In [10]: %%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 [10]: