

SQL Lab 3: SQLite Sentiment Analysis

Objectives:

- Store reviews in SQLite
- Score sentiment with an LLM
- Aggregate results with SQL

Setup:

- Set OPENAI_API_KEY in a .env file
- Install deps: openai, python-dotenv

Steps:

- 1) Create reviews table
- 2) Insert sample review text
- 3) Score each review and store label
- 4) Use AVG and GROUP BY for analysis

Key SQL:

- CREATE TABLE, INSERT, SELECT, AVG, GROUP BY