patients	
patient_id	INTEGER -
first_name	VARCHAR(30)
last_name	VARCHAR(30)
gender	CHAR(1)
birth_date	DATE
city	VARCHAR(30)
province_id	CHAR(2) ⇒
allergies	VARCHAR(80)
height	DECIMAL(3,0)
weight	DECIMAL(4,0)

doctors	
doctor_id	INTEGER
first_name	VARCHAR(30)
last_name	VARCHAR(30)
specialty	VARCHAR(25)

admissions	
patient_id	INT
admission_date	DATE
discharge_date	DATE
diagnosis	VARCHAR(50)
attending_doctor_id	INT

province_names	
province_id	CHAR(2)
province_name	VARCHAR(30)

```
Pricing Help Q
                                 Private DB +
                                   ▶ Run
                                               SQLite

☑ SQLite

Create a database linked to your
                                  1 -- Создание таблицы doctors
account.
                                  2 CREATE TABLE doctors(doctor id INTEGER PRIMARY KEY, first name VARCHAR(30), last name VARCHAR(30), specialty VARCHAR(25));
                                  3 -- Добавление данных в таблицу doctors
          Demo
                                  4 INSERT INTO doctors(doctor id, first name, last name, specialty) VALUES (1, 'Nikita', 'Piatash', 'QA Engineer'),

■ SQLite

                                                                                                           (3, 'Saul', 'Goodman', 'Lawyer');
                                  7 -- Создание таблицы patients
  📂 🖺 🎎 0.1.4 beta (...
                                  8 CREATE TABLE patients(patient id INTEGER PRIMARY KEY, first name VARCHAR(30), last name VARCHAR(30), gender CHAR(1), birth date DATE,
                                                          city VARCHAR(30), province_id CHAR(2), allergies VARCHAR(80), height DECIMAL(3,0), weight DECIMAL(4,0));
  Table
                                 10 -- Добавление данных в тублицу patients
  admissions
                                 11 INSERT INTO patients(patient id, first name, last name, gender, birth date,
  ■ doctors
                                                         city, province_id, allergies, height, weight) VALUES (1, 'Denis', 'Sadovnikov', 'M', '2000-01-01',
                                                                                                               'Kaliningrad', 12, 'anesthesia', 175, 90),
  m patients
                                                                                                              (3, 'Elena', 'Bukina', 'F', '2005-09-11',
  m province names
                                                                                                              'Ekatirenburg', 14, 'none', 160, 45),
                                                                                                              (10, 'Edward', 'Cullen', 'M', '1901-06-20',

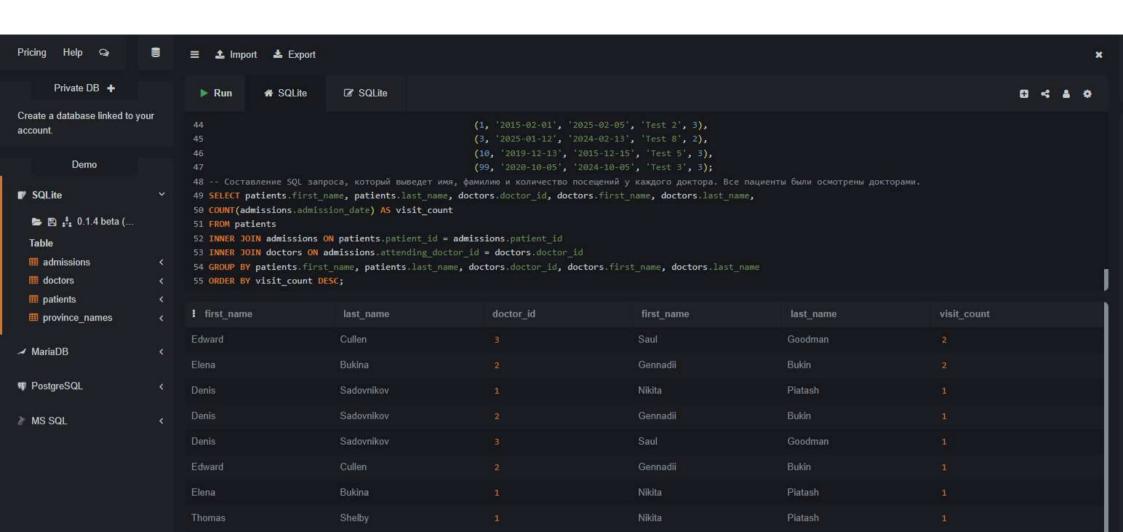
✓ MariaDB

                                                                                                              'Chicago', 99, 'sunshine', 188, 88),
PostgreSQL
                                 20 -- Создание таблицы province names
                                 21 CREATE TABLE province_names(province_id CHAR(2) PRIMARY KEY, province_name VARCHAR(30));
MS SQL
                                 22 -- Внесение данных в тублицу province names
                                 23 INSERT INTO province names(province id, province name) VALUES (1, 'Test 1'),
                                                                                                  (2, 'Test 2').
                                                                                                  (3, 'Test 3'),
                                                                                                  (12, 'Test 12'),
                                                                                                  (14, 'Test 14'),
                                                                                                  (99, 'Test 99'),
                                                                                                  (77, 'Test 77');
                                       Создание таблицы admissions
                                 31 CREATE TABLE admissions(patient id INTEGER, admission date DATE, discharge date DATE, diagnosis VARCHAR(50), attending doctor id INTEGER,
                                                            FOREIGN KEY(patient_id) REFERENCES patients(patient_id),
                                                            FOREIGN KEY(attending_doctor_id) REFERENCES doctors(doctor_id));
                                 34 -- Заполнение таблицы admissions
                                 35 INSERT INTO admissions(patient_id, admission_date, discharge_date, diagnosis,
                                                           attending_doctor_id) VALUES (1, '2025-09-01', '2025-09-05', 'Test 1', 1),
```

53 INNER JOIN doctors ON admissions.attending doctor id = doctors.doctor id

55 ORDER BY visit count DESC;

54 GROUP BY patients.first_name, patients.last_name, doctors.doctor_id, doctors.first_name, doctors.last_name



Gennadii

Bukin

Goodman

Thomas

Thomas

Shelby

