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)

☰   ⬆ Import   ⬇ Export   ✖

▶ Run   🏠 SQLite   ✏ SQLite

Private DB ➕

Create a database linked to your account.

Demo

🏳 SQLite   ⌄
  📂 💾 🔗 0.1.4 beta (...
Table
  ▦ admissions   ‹
  ▦ doctors   ‹
  ▦ patients   ‹
  ▦ province_names   ‹

⚓ MariaDB   ‹

🐘 PostgreSQL   ‹

⚡ MS SQL   ‹

```sql
1  -- Создание таблицы doctors
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
4  INSERT INTO doctors(doctor_id, first_name, last_name, specialty) VALUES (1, 'Nikita', 'Piatash', 'QA Engineer'),
5                                                                          (2, 'Gennadii', 'Bukin', 'Salesman'),
6                                                                          (3, 'Saul', 'Goodman', 'Lawyer');
7  -- Создание таблицы patients
8  CREATE TABLE patients(patient_id INTEGER PRIMARY KEY, first_name VARCHAR(30), last_name VARCHAR(30), gender CHAR(1), birth_date DATE,
9                        city VARCHAR(30), province_id CHAR(2), allergies VARCHAR(80), height DECIMAL(3,0), weight DECIMAL(4,0));
10 -- Добавление данных в тублицу patients
11 INSERT INTO patients(patient_id, first_name, last_name, gender, birth_date,
12                      city, province_id, allergies, height, weight) VALUES (1, 'Denis', 'Sadovnikov', 'M', '2000-01-01',
13                                                                            'Kaliningrad', 12, 'anesthesia', 175, 90),
14                                                                            (3, 'Elena', 'Bukina', 'F', '2005-09-11',
15                                                                            'Ekatirenburg', 14, 'none', 160, 45),
16                                                                            (10, 'Edward', 'Cullen', 'M', '1901-06-20',
17                                                                            'Chicago', 99, 'sunshine', 188, 88),
18                                                                            (99, 'Thomas', 'Shelby', 'M', '1992-05-25',
19                                                                            'Los-Santos', 77, 'none', 190, 83);
20 -- Создание таблицы province_names
21 CREATE TABLE province_names(province_id CHAR(2) PRIMARY KEY, province_name VARCHAR(30));
22 -- Внесение данных в тублицу province_names
23 INSERT INTO province_names(province_id, province_name) VALUES (1, 'Test 1'),
24                                                               (2, 'Test 2'),
25                                                               (3, 'Test 3'),
26                                                               (12, 'Test 12'),
27                                                               (14, 'Test 14'),
28                                                               (99, 'Test 99'),
29                                                               (77, 'Test 77');
30 -- Создание таблицы admissions
31 CREATE TABLE admissions(patient_id INTEGER, admission_date DATE, discharge_date DATE, diagnosis VARCHAR(50), attending_doctor_id INTEGER,
32                         FOREIGN KEY(patient_id) REFERENCES patients(patient_id),
33                         FOREIGN KEY(attending_doctor_id) REFERENCES doctors(doctor_id));
34 -- Заполнение таблицы admissions
35 INSERT INTO admissions(patient_id, admission_date, discharge_date, diagnosis,
36                        attending_doctor_id) VALUES (1, '2025-09-01', '2025-09-05', 'Test 1', 1),
37                                                     (3, '2024-12-12', '2024-12-13', 'Test 2', 2),
38                                                     (10, '2015-10-13', '2015-10-15', 'Test 3', 3),
39                                                     (99, '2024-05-05', '2024-05-05', 'Test 4', 1),
```

Pricing   Help

Private DB +

Create a database linked to your account.

Demo

SQLite

0.1.4 beta (...

Table
admissions
doctors
patients
province_names

MariaDB

PostgreSQL

MS SQL

Import   Export

Run   SQLite   SQLite

```sql
17                                                          'Chicago', 99, 'sunshine', 188, 88),
18                                                          (99, 'Thomas', 'Shelby', 'M', '1992-05-25',
19                                                          'Los-Santos', 77, 'none', 190, 83);
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24                                                          (2, 'Test 2'),
25                                                          (3, 'Test 3'),
26                                                          (12, 'Test 12'),
27                                                          (14, 'Test 14'),
28                                                          (99, 'Test 99'),
29                                                          (77, 'Test 77');
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33                         FOREIGN KEY(attending_doctor_id) REFERENCES doctors(doctor_id));
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35 INSERT INTO admissions(patient_id, admission_date, discharge_date, diagnosis,
36                        attending_doctor_id) VALUES (1, '2025-09-01', '2025-09-05', 'Test 1', 1),
37                                                     (3, '2024-12-12', '2024-12-13', 'Test 2', 2),
38                                                     (10, '2015-10-13', '2015-10-15', 'Test 3', 3),
39                                                     (99, '2024-05-05', '2024-05-05', 'Test 4', 1),
40                                                     (1, '2024-09-01', '2024-09-05', 'Test 5', 2),
41                                                     (3, '2023-10-12', '2023-10-13', 'Test 6', 1),
42                                                     (10, '2025-11-13', '2025-11-15', 'Test 7', 2),
43                                                     (99, '2022-06-05', '2022-06-05', 'Test 8', 2),
44                                                     (1, '2015-02-01', '2025-02-05', 'Test 2', 3),
45                                                     (3, '2025-01-12', '2024-02-13', 'Test 8', 2),
46                                                     (10, '2019-12-13', '2015-12-15', 'Test 5', 3),
47                                                     (99, '2020-10-05', '2024-10-05', 'Test 3', 3);
48 -- Составление SQL запроса, который выведет имя, фамилию и количество посещений у каждого доктора. Все пациенты были осмотрены докторами.
49 SELECT patients.first_name, patients.last_name, doctors.doctor_id, doctors.first_name, doctors.last_name,
50 COUNT(admissions.admission_date) AS visit_count
51 FROM patients
52 INNER JOIN admissions ON patients.patient_id = admissions.patient_id
53 INNER JOIN doctors ON admissions.attending_doctor_id = doctors.doctor_id
54 GROUP BY patients.first_name, patients.last_name, doctors.doctor_id, doctors.first_name, doctors.last_name
55 ORDER BY visit_count DESC;
```

Private DB ➕

Create a database linked to your account.

Demo

📓 SQLite   ⌄
  📂 🖫 ⚡ 0.1.4 beta (...
  Table
    ▦ admissions   ‹
    ▦ doctors   ‹
    ▦ patients   ‹
    ▦ province_names   ‹

⏚ MariaDB   ‹
🐘 PostgreSQL   ‹
🐾 MS SQL   ‹

▶ Run   🏠 SQLite   ✎ SQLite   🗄 ⤴ 👤 ⚙

```
44                              (1, '2015-02-01', '2025-02-05', 'Test 2', 3),
45                              (3, '2025-01-12', '2024-02-13', 'Test 8', 2),
46                              (10, '2019-12-13', '2015-12-15', 'Test 5', 3),
47                              (99, '2020-10-05', '2024-10-05', 'Test 3', 3);
48 -- Составление SQL запроса, который выведет имя, фамилию и количество посещений у каждого доктора. Все пациенты были осмотрены докторами.
49 SELECT patients.first_name, patients.last_name, doctors.doctor_id, doctors.first_name, doctors.last_name,
50 COUNT(admissions.admission_date) AS visit_count
51 FROM patients
52 INNER JOIN admissions ON patients.patient_id = admissions.patient_id
53 INNER JOIN doctors ON admissions.attending_doctor_id = doctors.doctor_id
54 GROUP BY patients.first_name, patients.last_name, doctors.doctor_id, doctors.first_name, doctors.last_name
55 ORDER BY visit_count DESC;
```

first_name	last_name	doctor_id	first_name	last_name	visit_count
Edward	Cullen	3	Saul	Goodman	2
Elena	Bukina	2	Gennadii	Bukin	2
Denis	Sadovnikov	1	Nikita	Piatash	1
Denis	Sadovnikov	2	Gennadii	Bukin	1
Denis	Sadovnikov	3	Saul	Goodman	1
Edward	Cullen	2	Gennadii	Bukin	1
Elena	Bukina	1	Nikita	Piatash	1
Thomas	Shelby	1	Nikita	Piatash	1
Thomas	Shelby	2	Gennadii	Bukin	1
Thomas	Shelby	3	Saul	Goodman	1