

pgAdmin 4

File Object Tools Help

Object Explorer

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Dashboard Properties SQL Statistics Dependencies Dependents Processes Lab_1/postgres@PostgreSQL 17* Lab_1/postgre...

Lab_1/postgres@PostgreSQL 17

Query Query History Scratch Pad

```
14 /* 1-4. Задачи */
15
16 CREATE TABLE Airline_info (
17     airline_info INT UNIQUE NOT NULL,
18     airline_code VARCHAR(30) UNIQUE NOT NULL,
19     airline_name VARCHAR(50) NOT NULL,
20     airline_country VARCHAR(50) NOT NULL,
21     created_at TIMESTAMP NOT NULL,
22     updated_at TIMESTAMP NOT NULL,
23     info VARCHAR(50) NOT NULL
24 );
25 /* Почему state особо покрашен?
26 Это какое-то ключевое слово или как? */
27 CREATE TABLE Airport (
28     airport_id int UNIQUE NOT NULL,
29     airport_name varchar(50) NOT NULL,
30     country varchar(50) UNIQUE NOT NULL,
31     state varchar(50) NOT NULL,
32     city varchar(50) NOT NULL,
33     created_at timestamp NOT NULL,
34     updated_at timestamp NOT NULL
35 );
36
37 CREATE TABLE Baggage_check (
38     baggage_check_id int UNIQUE NOT NULL,
39     check_result varchar(50) NOT NULL,
40     created_at timestamp NOT NULL,
41     updated_at timestamp NOT NULL,
42     booking_id int UNIQUE NOT NULL,
43     passenger_id int UNIQUE NOT NULL
44 );
45
46 CREATE TABLE Baggage (
47     baggage_id int unique not null,
48     weight_in_kg decimal(4,2) not null,
49     created_at timestamp not null,
```

Data Output Messages Notifications

ALTER TABLE

Query returned successfully in 63 msec.

Total rows: 0 of 0 Query complete 00:00:00.063 Ln 41, Col 32

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Query Query History Scratch Pad

```

46 CREATE TABLE Baggage (
47     baggage_id int unique not null,
48     weight_in_kg decimal(4,2) not null,
49     created_at timestamp not null,
50     updated_at timestamp not null,
51     booking_id int unique not null
52 );
53
54 CREATE TABLE Boarding_pass (
55     boarding_pass_id int unique not null,
56     booking_id int unique not null,
57     seat varchar(50) not null,
58     boarding_time timestamp not null,
59     created_at timestamp not null,
60     updated_at timestamp not null
61 );
62
63 CREATE TABLE Booking_flight (
64     booking_flight_id int unique not null,
65     booking_id int unique not null,
66     flight_id int unique not null,
67     created_at timestamp not null,
68     updated_at timestamp not null
69 );
70
71 CREATE TABLE Booking (
72     booking_id int unique not null,
73     flight_id int unique not null,
74     passenger_id int unique not null,
75     booking_platform varchar(50) not null,
76     created_at timestamp not null,
77     updated_at timestamp not null,
78     status varchar(50) not null,
79     price decimal(7,2) not null
80 );
81

```

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Query Query History Scratch Pad

```

81
82 CREATE TABLE Flights (
83     flight_id int unique not null,
84     sch_departure_time timestamp not null,
85     sch_arrival_time timestamp not null,
86     departing_airport_id int unique not null,
87     arriving_airport_id int unique not null,
88     departing_gate varchar(50) not null,
89     arriving_gate varchar(50) not null,
90     airline_id int unique not null,
91     act_departure_time timestamp not null,
92     act_arrival_time timestamp not null,
93     created_at timestamp not null,
94     updated_at timestamp not null
95 );
96
97 CREATE TABLE Passengers (
98     passenger_id int unique not null,
99     first_name varchar(50) not null,
100    last_name varchar(50) not null,
101    date_of_birth date not null,
102    gender varchar(50) not null,
103    country_of_citizenship varchar(50) not null,
104    country_of_residence varchar(50) not null,
105    passport_number varchar(20) unique not null,
106    created_at timestamp not null,
107    updated_at timestamp not null
108 );
109
110 CREATE TABLE Security_check (
111     security_check_id int unique not null,
112     check_result varchar(20) not null,
113     created_at timestamp not null,
114     updated_at timestamp not null,
115     passenger_id int unique not null
116 );

```

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Query Query History Scratch Pad

```

104 country_of_residence varchar(50) not null,
105 passport_number varchar(20) unique not null,
106 created_at timestamp not null,
107 updated_at timestamp not null
108 );
109
110 CREATE TABLE Security_check (
111     security_check_id int unique not null,
112     check_result varchar(20) not null,
113     created_at timestamp not null,
114     updated_at timestamp not null,
115     passenger_id int unique not null
116 );
117
118
119 /* 5. Задача */
120 ALTER table Airline_info rename to airline;
121
122 /* 6. Задача */
123 ALTER TABLE Booking RENAME COLUMN price TO ticket_price;
124
125 /*
126 7. Задача
127 Change data type of
128 departing_gate(varchar(50))
129 from varchar(50) to text (10%);
130 */
131 ALTER table flights alter column departing_gate type text;
132 /*
133 8. Задача
134 Drop the column
135 info(varchar(50))
136 from the airline table
137 (10%)
138 */
139 ALTER table airline drop column info;

```

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