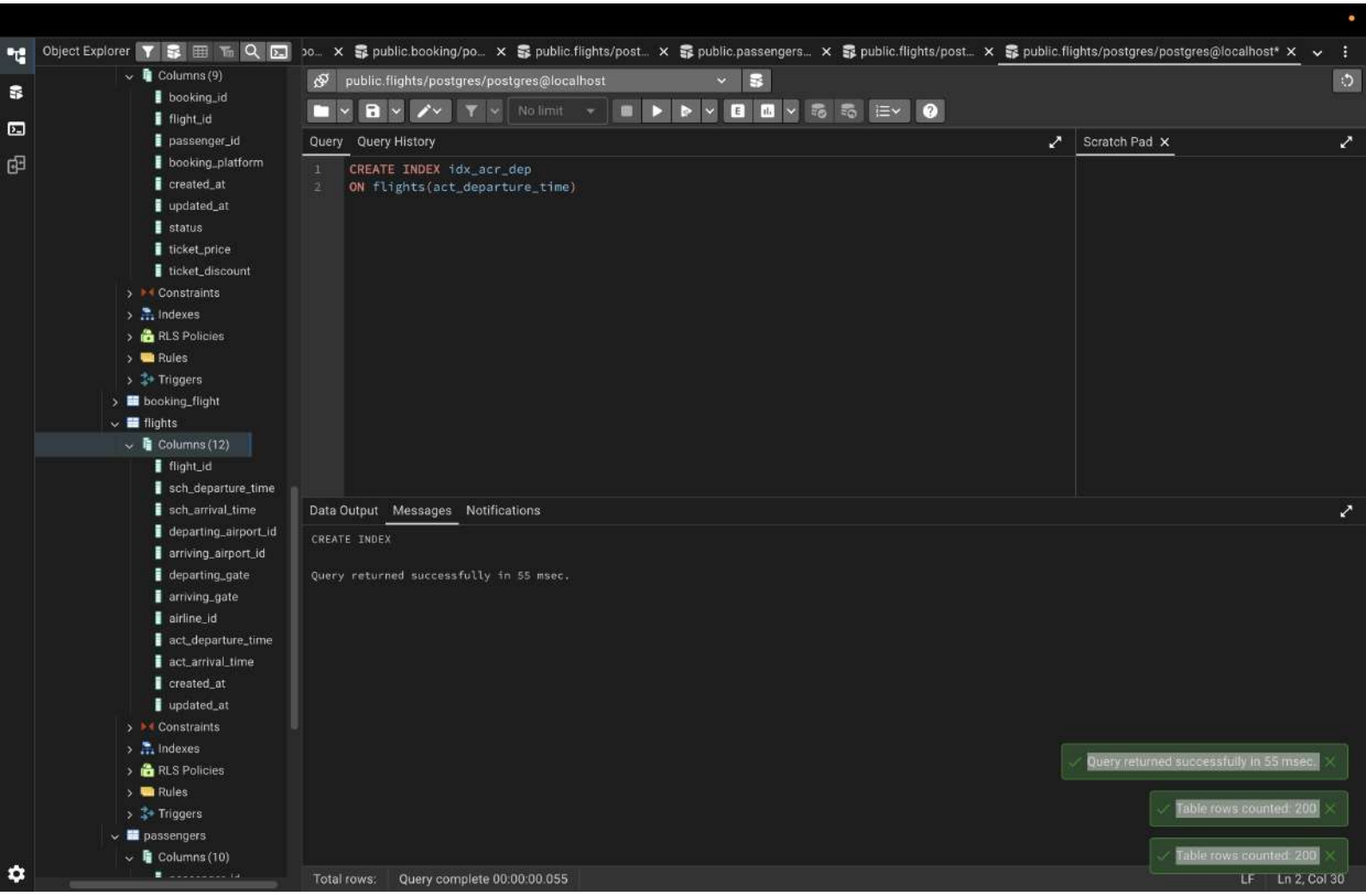
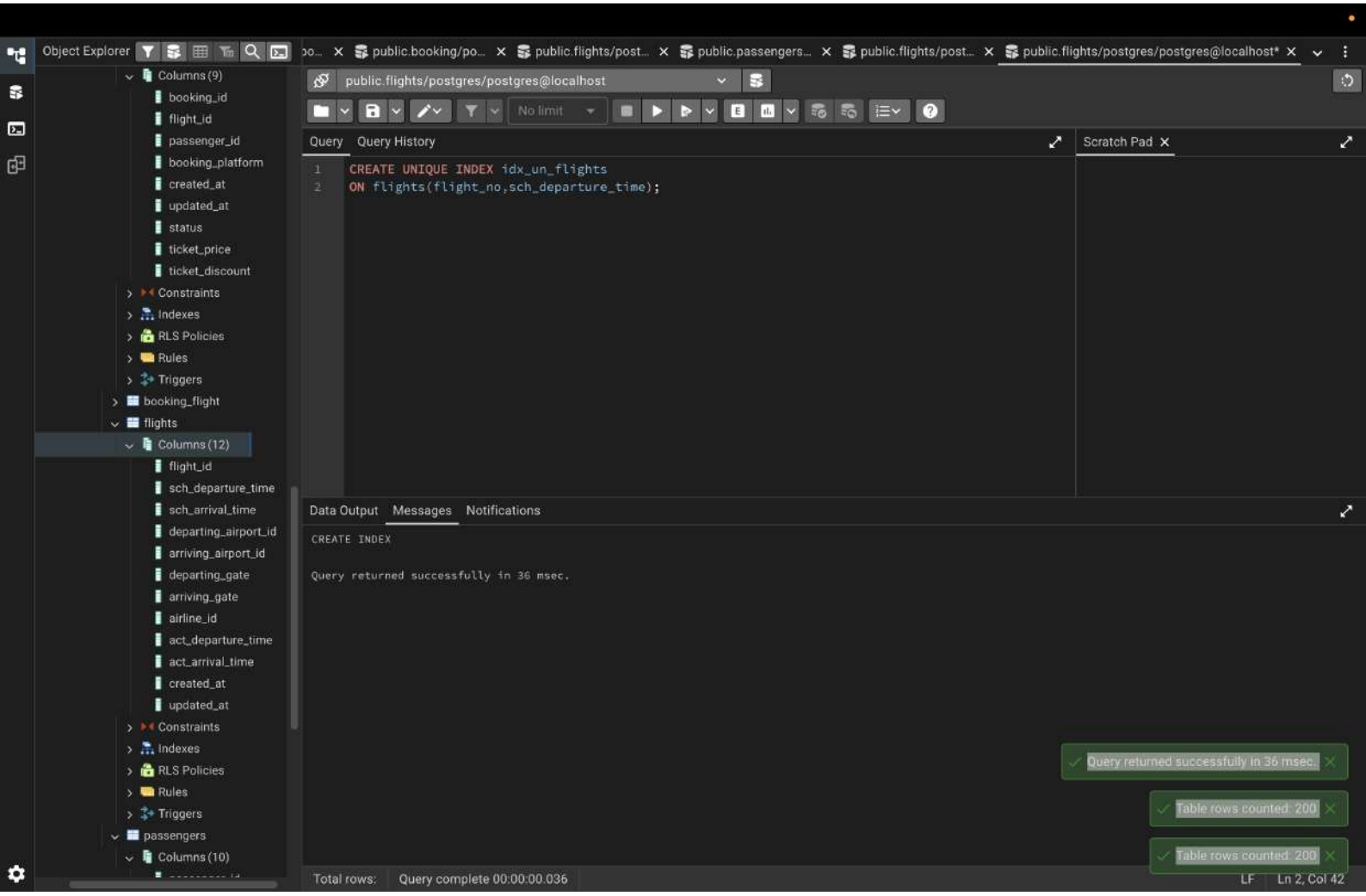
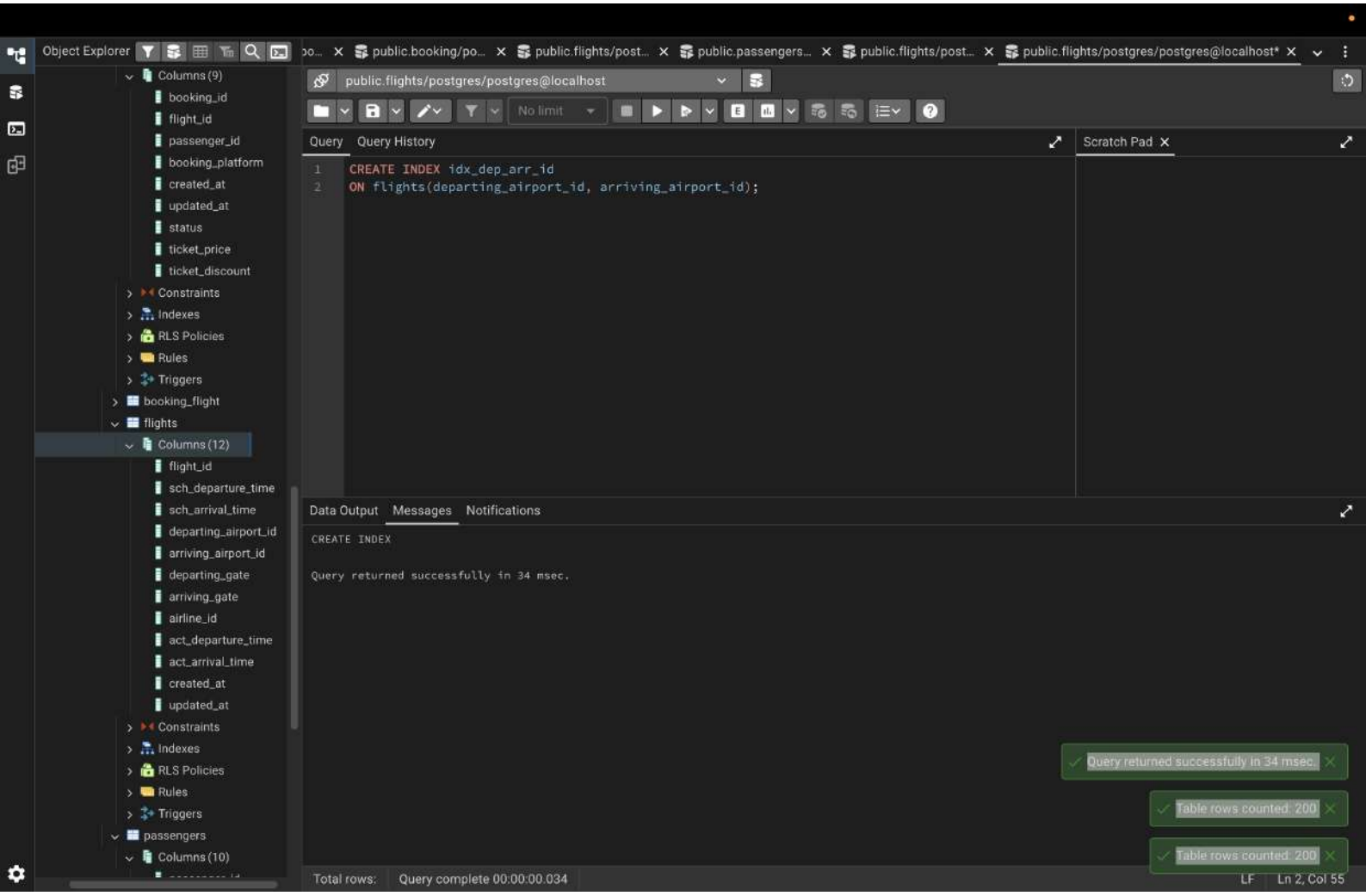
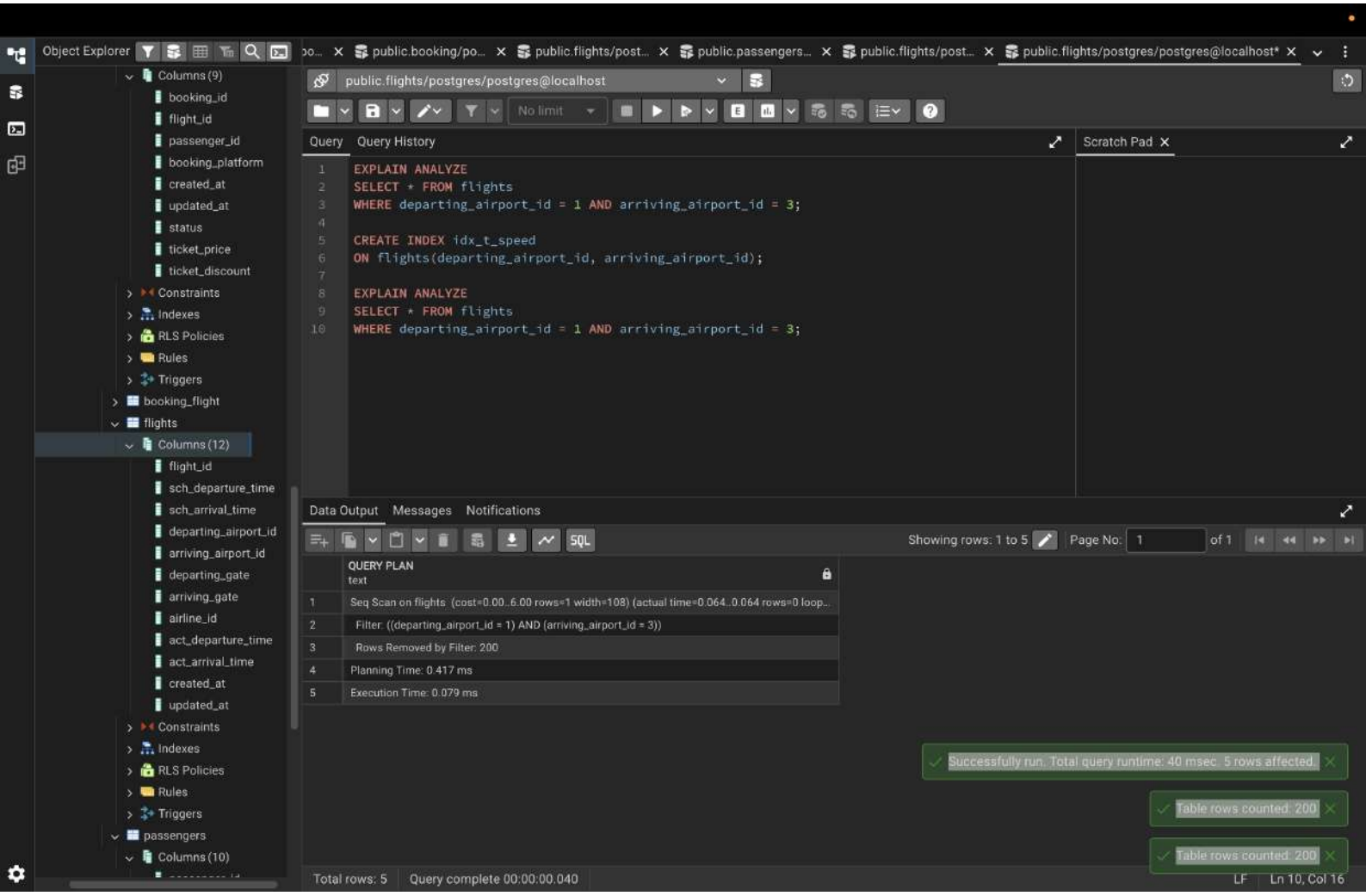
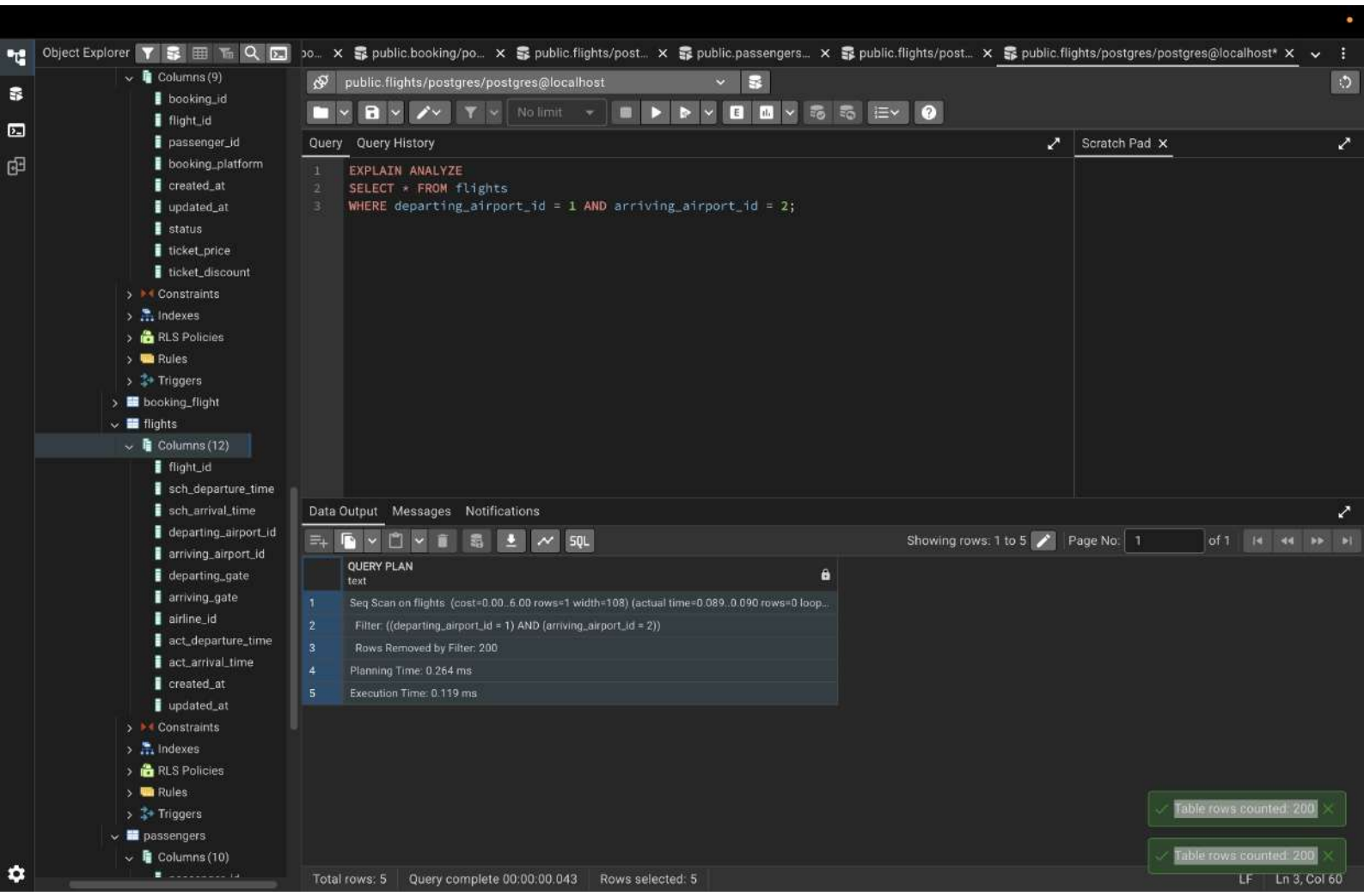
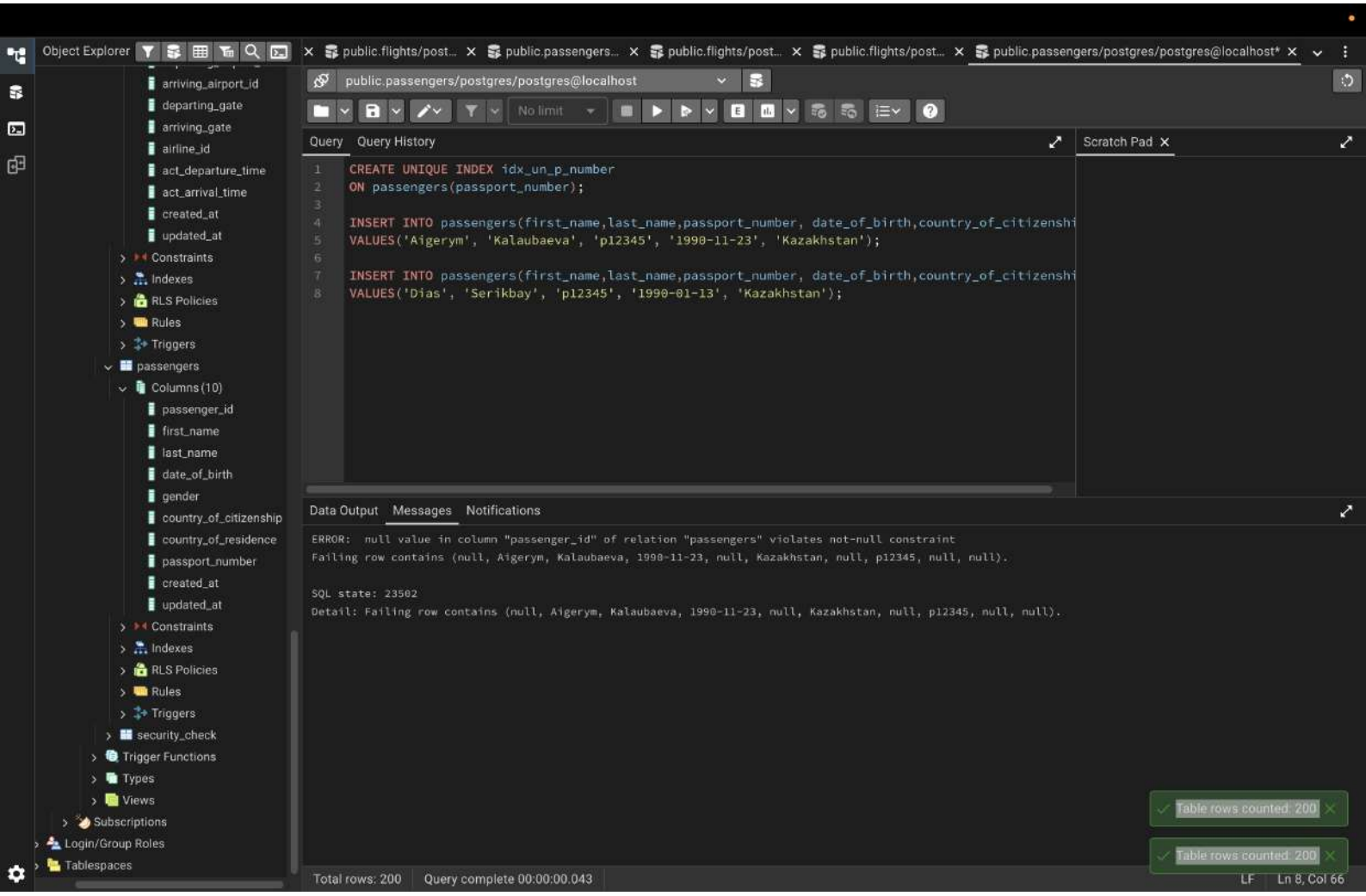

Object Explorer
public.booking/po...
public.flights/post...
public.passengers...
public.flights/post...
public.flights/postgres@localhost*
Columns (9)
booking_id
flight_id
passenger_id
booking_platform
created_at
updated_at
status
ticket_price
ticket_discount
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (12)
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
public.flights/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 CREATE INDEX idx_acr_dep
2 ON flights(act_departure_time)
Data Output
Messages
Notifications
CREATE INDEX
Query returned successfully in 55 msec.
Query returned successfully in 55 msec.
Table rows counted: 200
Table rows counted: 200
Total rows:
Query complete 00:00:00.055
LF
Ln 2, Col 30

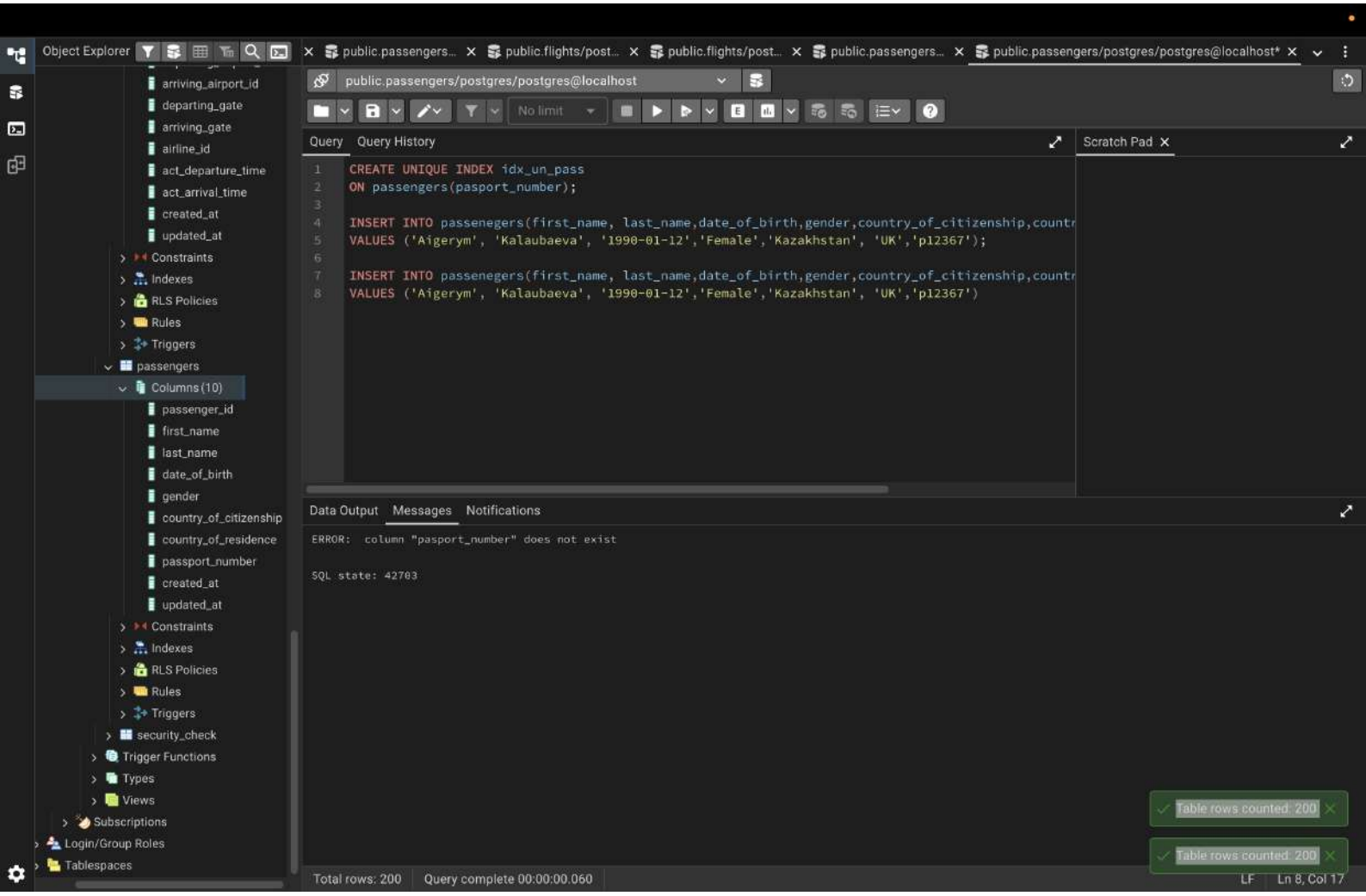

Object Explorer
public.booking/po...
public.flights/post...
public.passengers...
public.flights/post...
public.flights/postgres@localhost*
Columns (9)
booking_id
flight_id
passenger_id
booking_platform
created_at
updated_at
status
ticket_price
ticket_discount
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (12)
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
public.flights/postgres/postgres@localhost
No limit
Query
Query History
1 CREATE UNIQUE INDEX idx_un_flights
2 ON flights(flight_no,sch_departure_time);
Scratch Pad
Data Output
Messages
Notifications
CREATE INDEX
Query returned successfully in 36 msec.
Query returned successfully in 36 msec.
Table rows counted: 200
Table rows counted: 200
Total rows:
Query complete 00:00:00.036
LF
Ln 2, Col 42

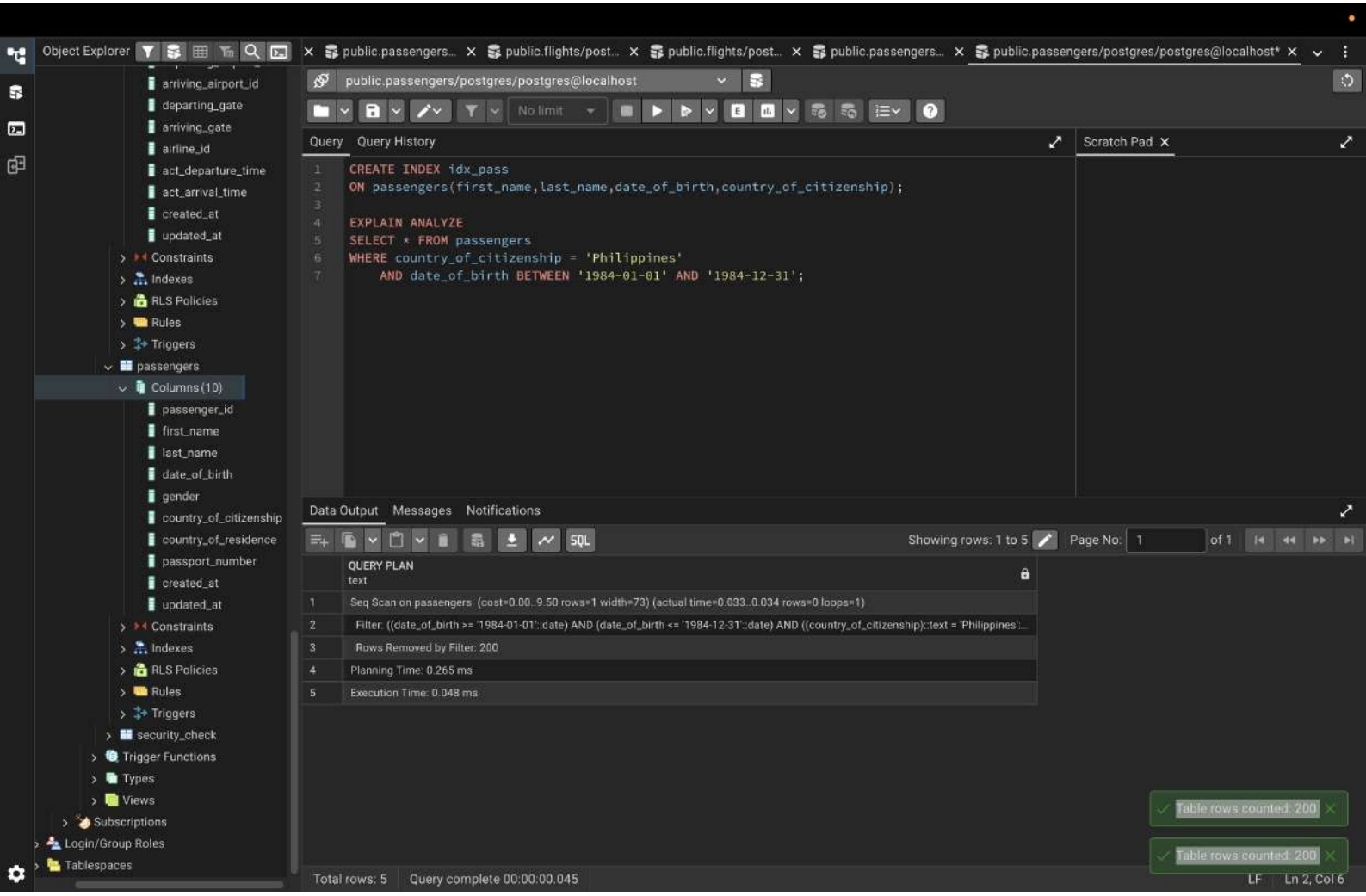

Object Explorer
public.booking/po...
public.flights/post...
public.passengers...
public.flights/post...
public.flights/postgres@localhost*
Columns (9)
booking_id
flight_id
passenger_id
booking_platform
created_at
updated_at
status
ticket_price
ticket_discount
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (12)
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
public.flights/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 CREATE INDEX idx_dep_arr_id
2 ON flights(departing_airport_id, arriving_airport_id);
Data Output
Messages
Notifications
CREATE INDEX
Query returned successfully in 34 msec.
Query returned successfully in 34 msec.
Table rows counted: 200
Table rows counted: 200
Total rows:
Query complete 00:00:00.034
LF
Ln 2, Col 55

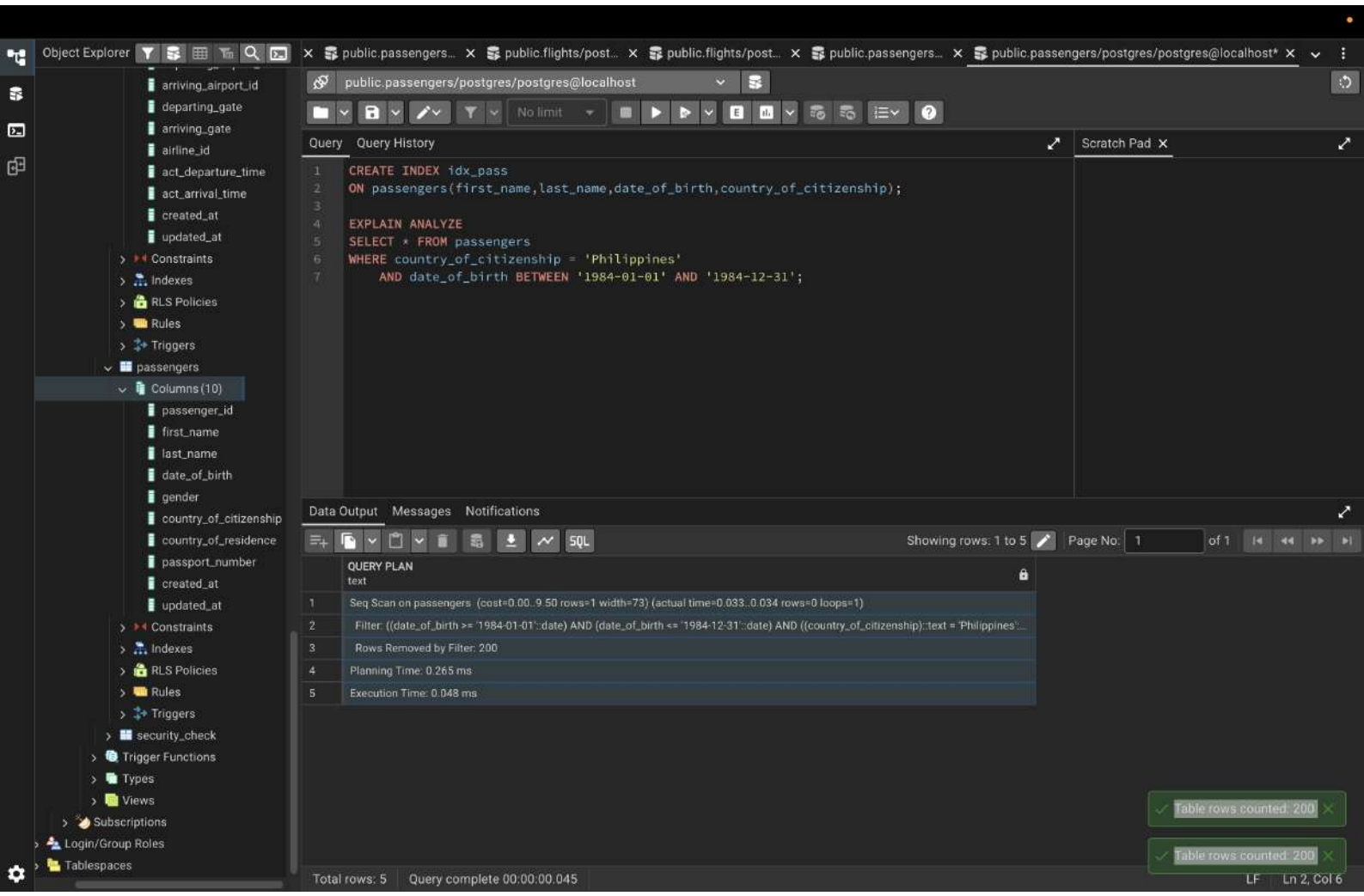

Object Explorer
public.booking/po...
public.flights/post...
public.passengers...
public.flights/post...
public.flights/postgres/postgres@localhost*
Columns (9)
booking_id
flight_id
passenger_id
booking_platform
created_at
updated_at
status
ticket_price
ticket_discount
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (12)
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
public.flights/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 EXPLAIN ANALYZE
2 SELECT * FROM flights
3 WHERE departing_airport_id = 1 AND arriving_airport_id = 3;
4
5 CREATE INDEX idx_t_speed
6 ON flights(departing_airport_id, arriving_airport_id);
7
8 EXPLAIN ANALYZE
9 SELECT * FROM flights
10 WHERE departing_airport_id = 1 AND arriving_airport_id = 3;
Data Output
Messages
Notifications
SQL
Showing rows: 1 to 5
Page No: 1
of 1
QUERY PLAN
text
1 Seq Scan on flights (cost=0.00..6.00 rows=1 width=108) (actual time=0.064..0.064 rows=0 loop...
2 Filter: ((departing_airport_id = 1) AND (arriving_airport_id = 3))
3 Rows Removed by Filter: 200
4 Planning Time: 0.417 ms
5 Execution Time: 0.079 ms
Successfully run. Total query runtime: 40 msec. 5 rows affected.
Table rows counted: 200
Table rows counted: 200
Total rows: 5
Query complete 00:00:00.040
LF
Ln 10, Col 16

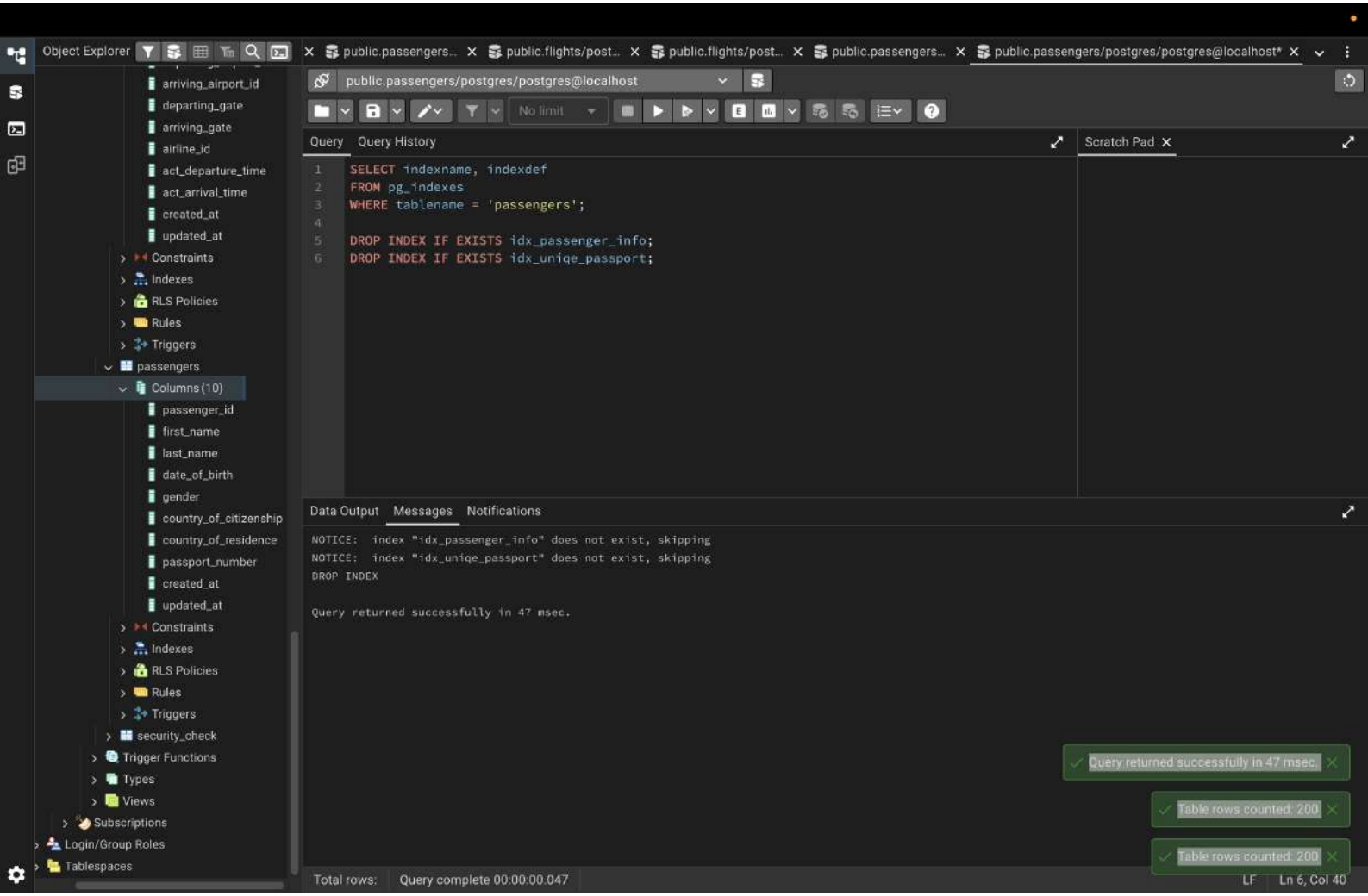

Object Explorer
public.booking/po...
public.flights/post...
public.passengers...
public.flights/post...
public.flights/postgres/postgres@localhost*
Columns (9)
booking_id
flight_id
passenger_id
booking_platform
created_at
updated_at
status
ticket_price
ticket_discount
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (12)
flight_id
sch_departure_time
sch_arrival_time
departing_airport_id
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
public.flights/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 EXPLAIN ANALYZE
2 SELECT * FROM flights
3 WHERE departing_airport_id = 1 AND arriving_airport_id = 2;
Data Output
Messages
Notifications
SQL
Showing rows: 1 to 5
Page No: 1
of 1
QUERY PLAN
text
1 Seq Scan on flights (cost=0.00..6.00 rows=1 width=108) (actual time=0.089..0.090 rows=0 loop...
2 Filter: ((departing_airport_id = 1) AND (arriving_airport_id = 2))
3 Rows Removed by Filter: 200
4 Planning Time: 0.264 ms
5 Execution Time: 0.119 ms
Table rows counted: 200
Table rows counted: 200
Total rows: 5
Query complete 00:00:00.043
Rows selected: 5
LF
Ln 3, Col 60


Object Explorer
public.flights/post...
public.passengers...
public.flights/post...
public.flights/post...
public.passengers/postgres/postgres@localhost*
public.passengers/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 CREATE UNIQUE INDEX idx_un_p_number
2 ON passengers(passport_number);
3
4 INSERT INTO passengers(first_name,last_name,passport_number, date_of_birth,country_of_citizenshi
5 VALUES('Aigerym', 'Kalaubaeva', 'p12345', '1990-11-23', 'Kazakhstan');
6
7 INSERT INTO passengers(first_name,last_name,passport_number, date_of_birth,country_of_citizenshi
8 VALUES('Dias', 'Serikbay', 'p12345', '1990-01-13', 'Kazakhstan');
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
country_of_residence
passport_number
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
security_check
Trigger Functions
Types
Views
Subscriptions
Login/Group Roles
Tablespaces
Data Output
Messages
Notifications
ERROR: null value in column "passenger_id" of relation "passengers" violates not-null constraint
Failing row contains (null, Aigerym, Kalaubaeva, 1990-11-23, null, Kazakhstan, null, p12345, null, null).
SQL state: 23502
Detail: Failing row contains (null, Aigerym, Kalaubaeva, 1990-11-23, null, Kazakhstan, null, p12345, null, null).
Table rows counted: 200
Table rows counted: 200
Total rows: 200
Query complete 00:00:00.043
LF
Ln 8, Col 66


Object Explorer
public.passengers...
public.flights/post...
public.flights/post...
public.passengers...
public.passengers/postgres/postgres@localhost*
public.passengers/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 CREATE UNIQUE INDEX idx_un_pass
2 ON passengers(pasport_number);
3
4 INSERT INTO passenegers(first_name, last_name,date_of_birth,gender,country_of_citizenship,countr
5 VALUES ('Aigerym', 'Kalaubaeva', '1990-01-12','Female','Kazakhstan', 'UK','p12367');
6
7 INSERT INTO passenegers(first_name, last_name,date_of_birth,gender,country_of_citizenship,countr
8 VALUES ('Aigerym', 'Kalaubaeva', '1990-01-12','Female','Kazakhstan', 'UK','p12367')
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
country_of_residence
passport_number
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
security_check
Trigger Functions
Types
Views
Subscriptions
Login/Group Roles
Tablespaces
Data Output
Messages
Notifications
ERROR: column "pasport_number" does not exist
SQL state: 42703
Table rows counted: 200
Table rows counted: 200
Total rows: 200
Query complete 00:00:00.060
LF
Ln 8, Col 17


Object Explorer
public.passengers...
public.flights/post...
public.flights/post...
public.passengers...
public.passengers/postgres/postgres@localhost*
public.passengers/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 CREATE INDEX idx_pass
2 ON passengers(first_name,last_name,date_of_birth,country_of_citizenship);
3
4 EXPLAIN ANALYZE
5 SELECT * FROM passengers
6 WHERE country_of_citizenship = 'Philippines'
7 AND date_of_birth BETWEEN '1984-01-01' AND '1984-12-31';
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
country_of_residence
passport_number
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
security_check
Trigger Functions
Types
Views
Subscriptions
Login/Group Roles
Tablespaces
Data Output
Messages
Notifications
SQL
Showing rows: 1 to 5
Page No: 1
of 1
QUERY PLAN
text
1 Seq Scan on passengers (cost=0.00..9.50 rows=1 width=73) (actual time=0.033..0.034 rows=0 loops=1)
2 Filter: ((date_of_birth >= '1984-01-01'::date) AND (date_of_birth <= '1984-12-31'::date) AND ((country_of_citizenship)::text = 'Philippines'...
3 Rows Removed by Filter: 200
4 Planning Time: 0.265 ms
5 Execution Time: 0.048 ms
Table rows counted: 200
Table rows counted: 200
Total rows: 5
Query complete 00:00:00.045
LF
Ln 2, Col 6


Object Explorer
public.passengers...
public.flights/post...
public.flights/post...
public.passengers...
public.passengers/postgres/postgres@localhost*
public.passengers/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
CREATE INDEX idx_pass
ON passengers(first_name,last_name,date_of_birth,country_of_citizenship);
EXPLAIN ANALYZE
SELECT * FROM passengers
WHERE country_of_citizenship = 'Philippines'
AND date_of_birth BETWEEN '1984-01-01' AND '1984-12-31';
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
country_of_residence
passport_number
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
security_check
Trigger Functions
Types
Views
Subscriptions
Login/Group Roles
Tablespaces
Data Output
Messages
Notifications
SQL
Showing rows: 1 to 5
Page No:
1
of 1
QUERY PLAN
text
1 Seq Scan on passengers (cost=0.00..9.50 rows=1 width=73) (actual time=0.033..0.034 rows=0 loops=1)
2 Filter: ((date_of_birth >= '1984-01-01'::date) AND (date_of_birth <= '1984-12-31'::date) AND ((country_of_citizenship)::text = 'Philippines'...
3 Rows Removed by Filter: 200
4 Planning Time: 0.265 ms
5 Execution Time: 0.048 ms
Table rows counted: 200
Table rows counted: 200
Total rows: 5
Query complete 00:00:00.045
LF
Ln 2, Col 6


Object Explorer
public.passengers...
public.flights/post...
public.flights/post...
public.passengers...
public.passengers/postgres/postgres@localhost*
public.passengers/postgres/postgres@localhost
No limit
Query
Query History
Scratch Pad
1 SELECT indexname, indexdef
2 FROM pg_indexes
3 WHERE tablename = 'passengers';
4
5 DROP INDEX IF EXISTS idx_passenger_info;
6 DROP INDEX IF EXISTS idx_uniqe_passport;
arriving_airport_id
departing_gate
arriving_gate
airline_id
act_departure_time
act_arrival_time
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
passengers
Columns (10)
passenger_id
first_name
last_name
date_of_birth
gender
country_of_citizenship
country_of_residence
passport_number
created_at
updated_at
Constraints
Indexes
RLS Policies
Rules
Triggers
security_check
Trigger Functions
Types
Views
Subscriptions
Login/Group Roles
Tablespaces
Data Output
Messages
Notifications
NOTICE: index "idx_passenger_info" does not exist, skipping
NOTICE: index "idx_uniqe_passport" does not exist, skipping
DROP INDEX
Query returned successfully in 47 msec.
Query returned successfully in 47 msec.
Table rows counted: 200
Table rows counted: 200
Total rows:
Query complete 00:00:00.047
LF
Ln 6, Col 40