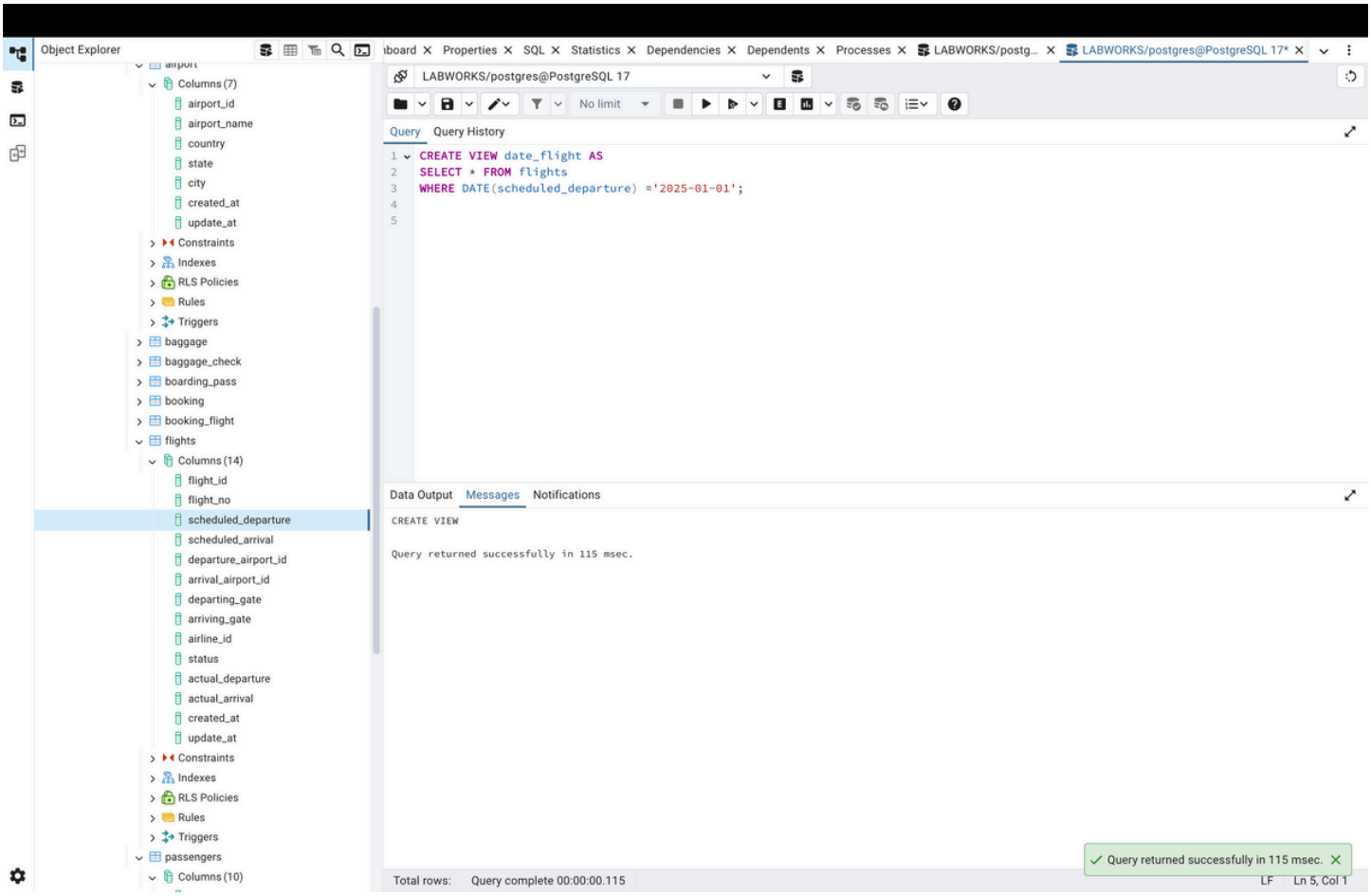
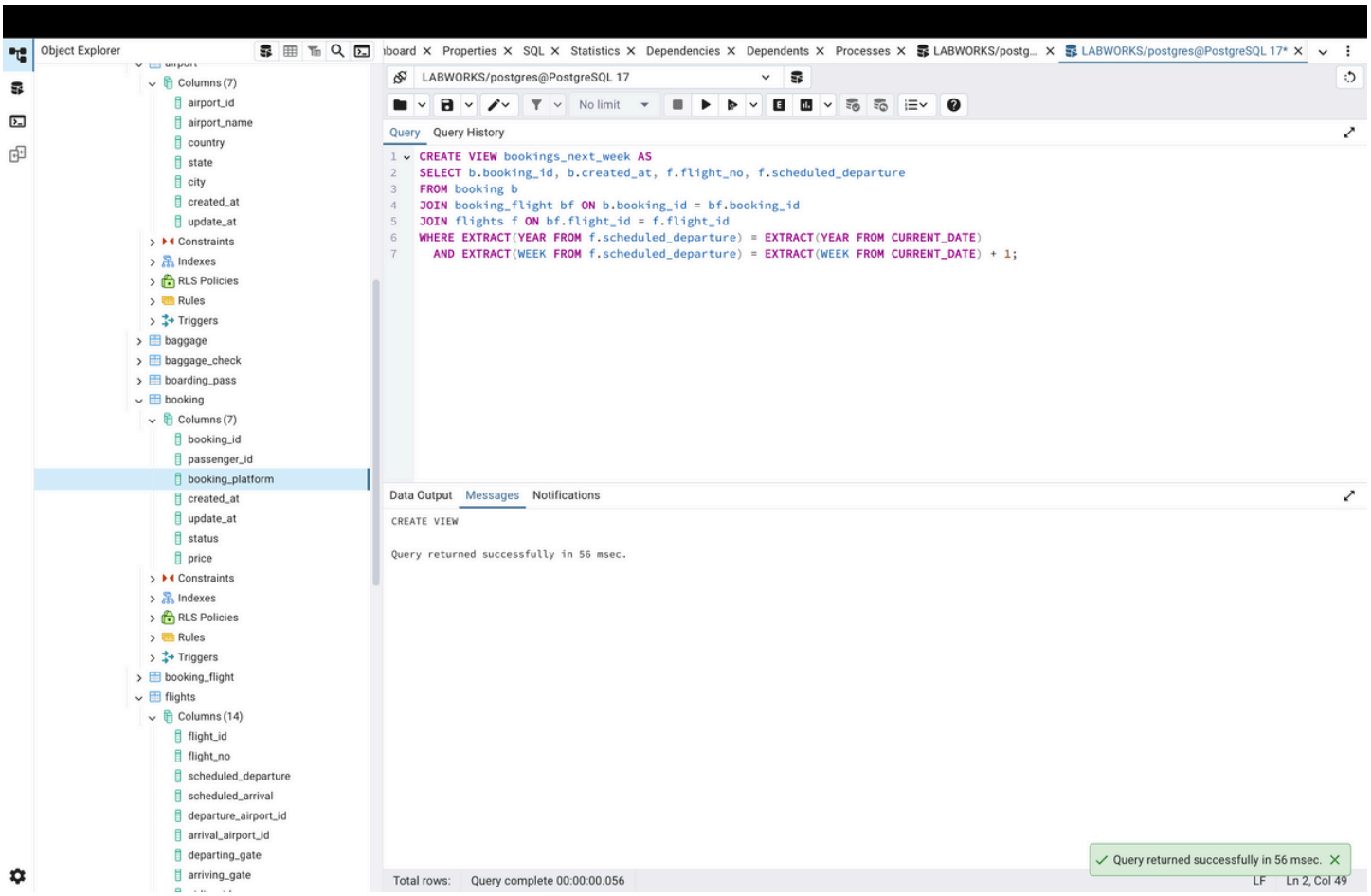
Laboratory work 8

VIEW.

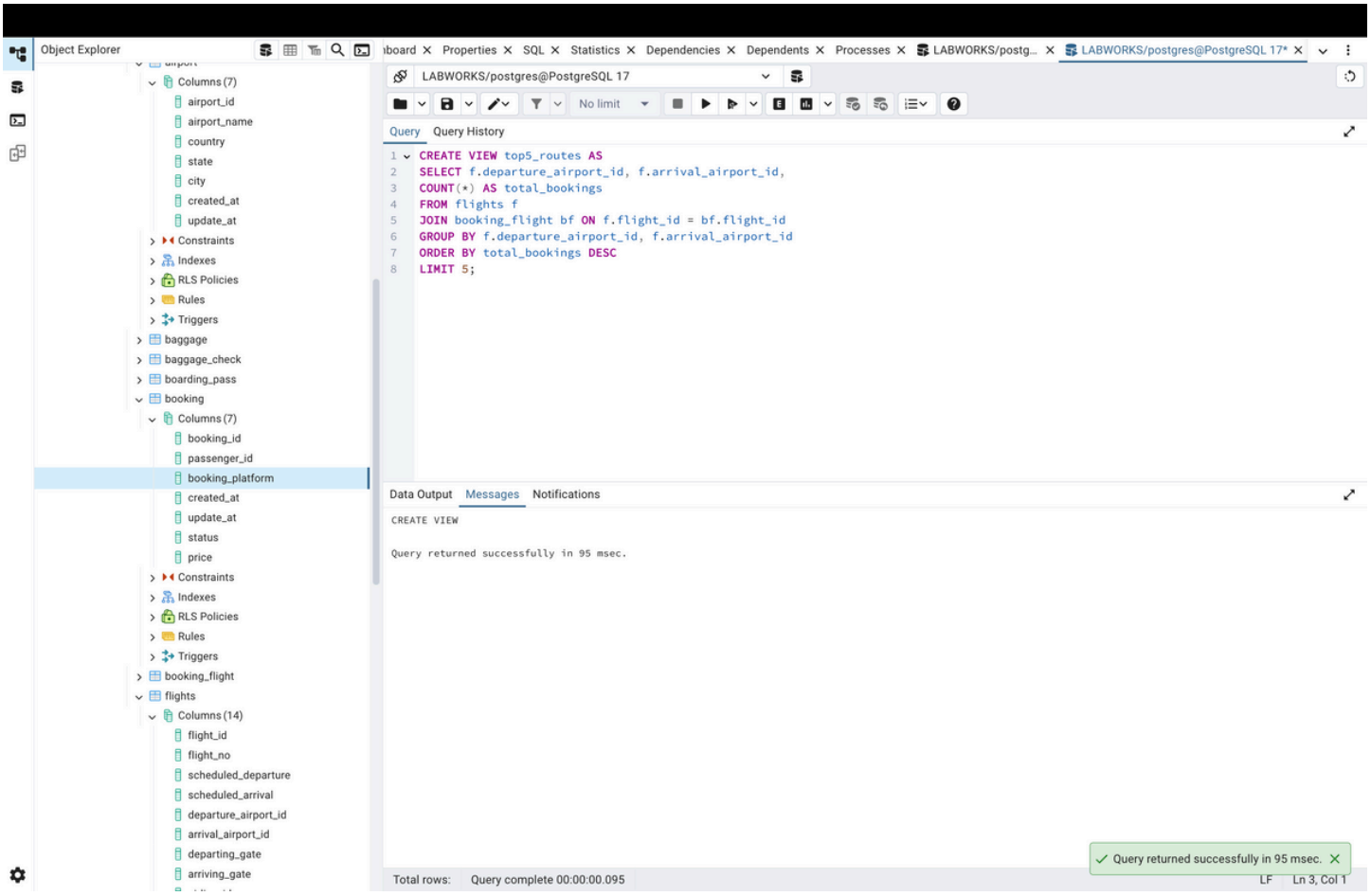
1. Create a view to show details of all flights that are departing on a specific date.



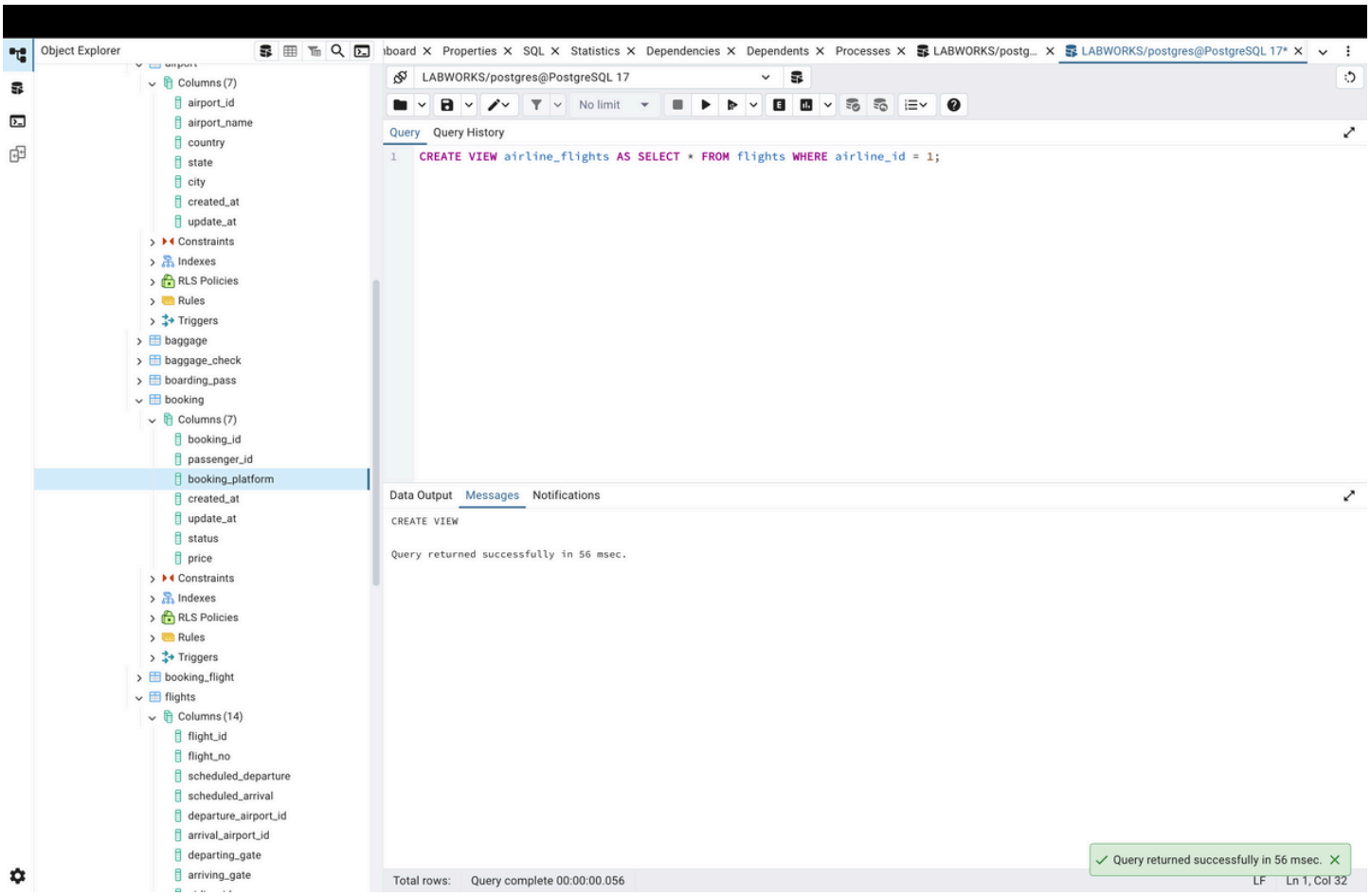
2. Create a view that shows bookings for flights scheduled to depart within the next week.



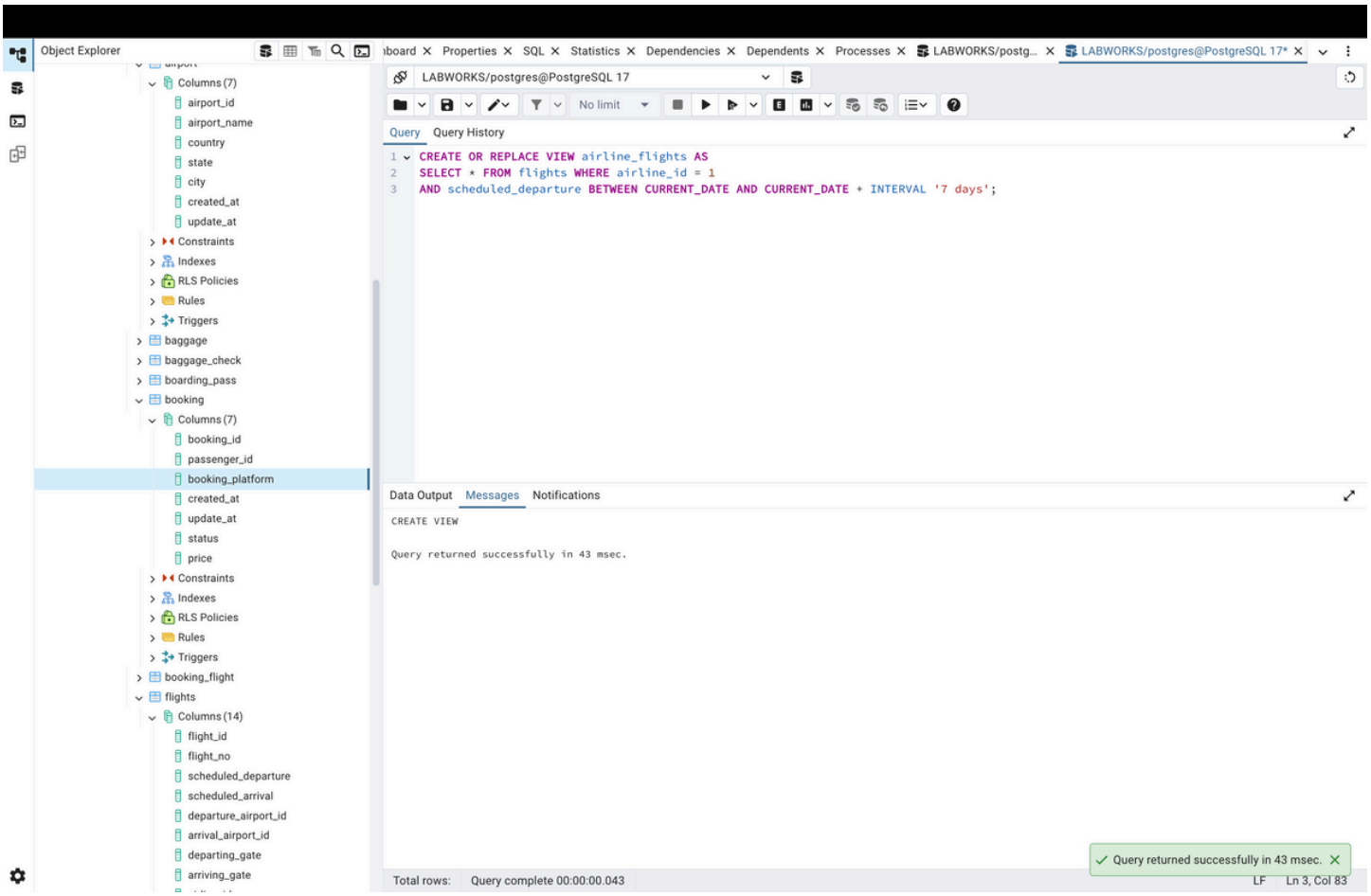
3. Create a view to show the top 5 most popular flight routes based on the number of bookings.



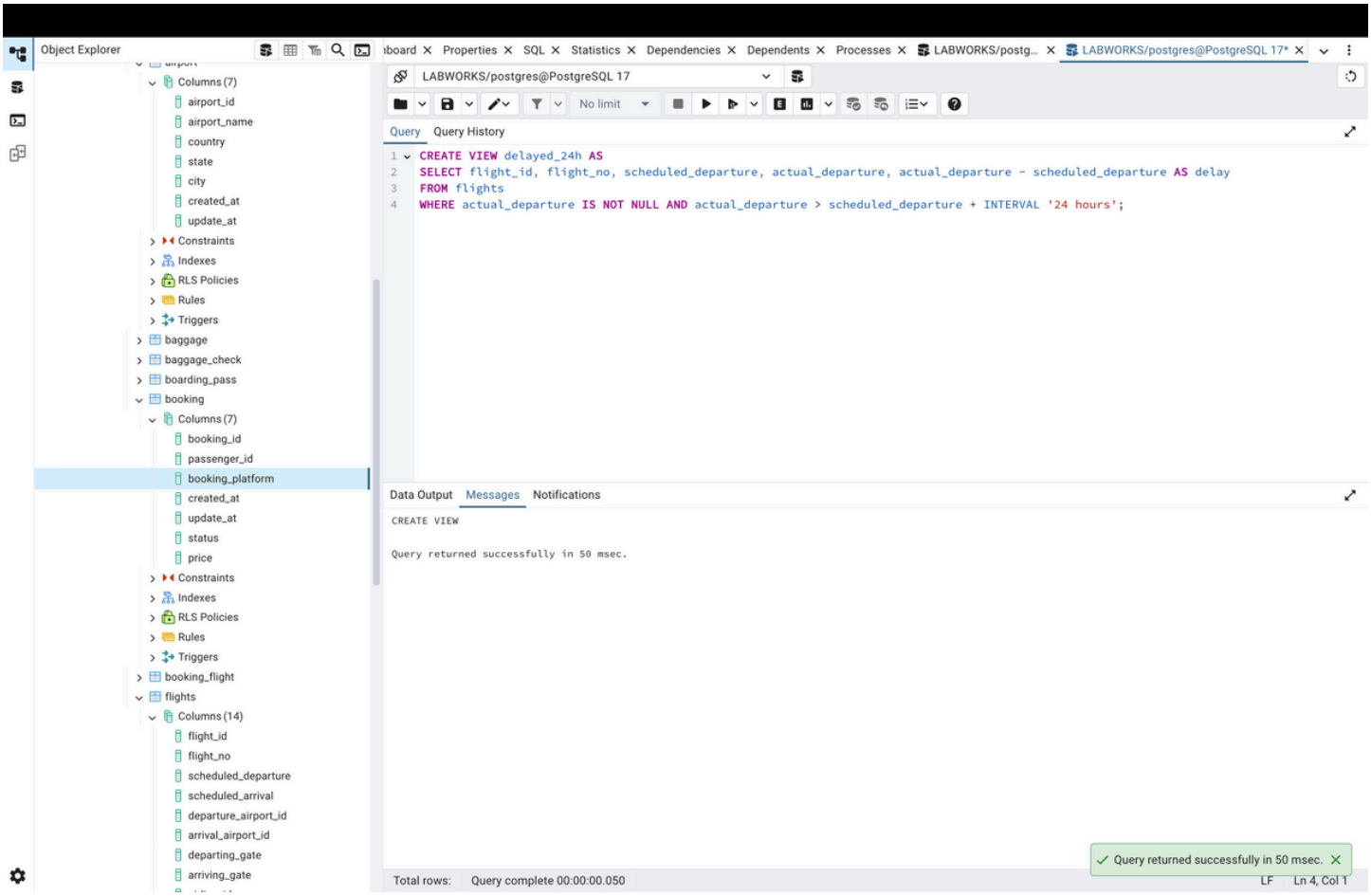
4. Create a view that lists all flights for a specific airline.



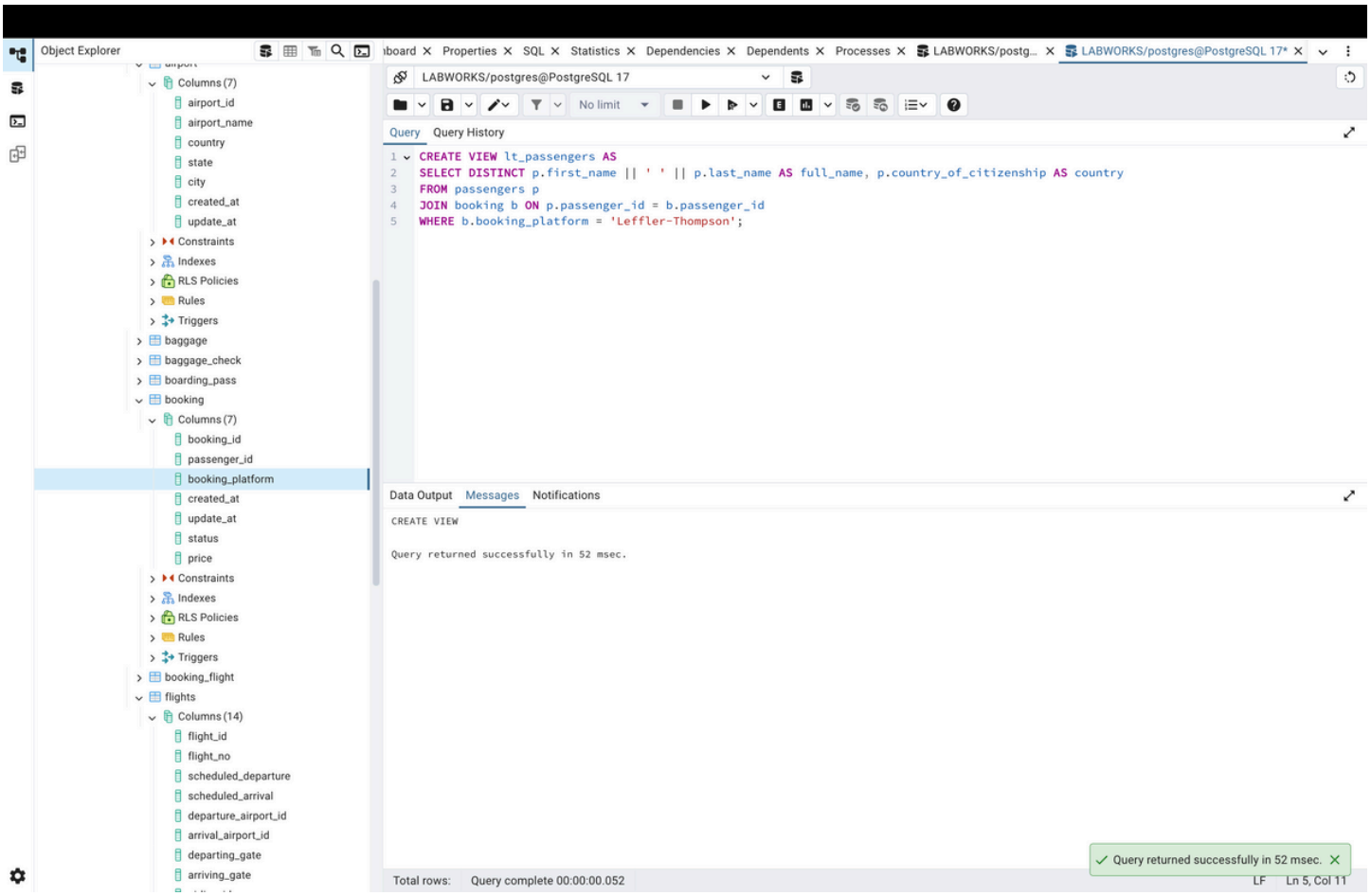
5. Modify the view created in task 4 to show only flights departing within the next 7 days for a specific airline.



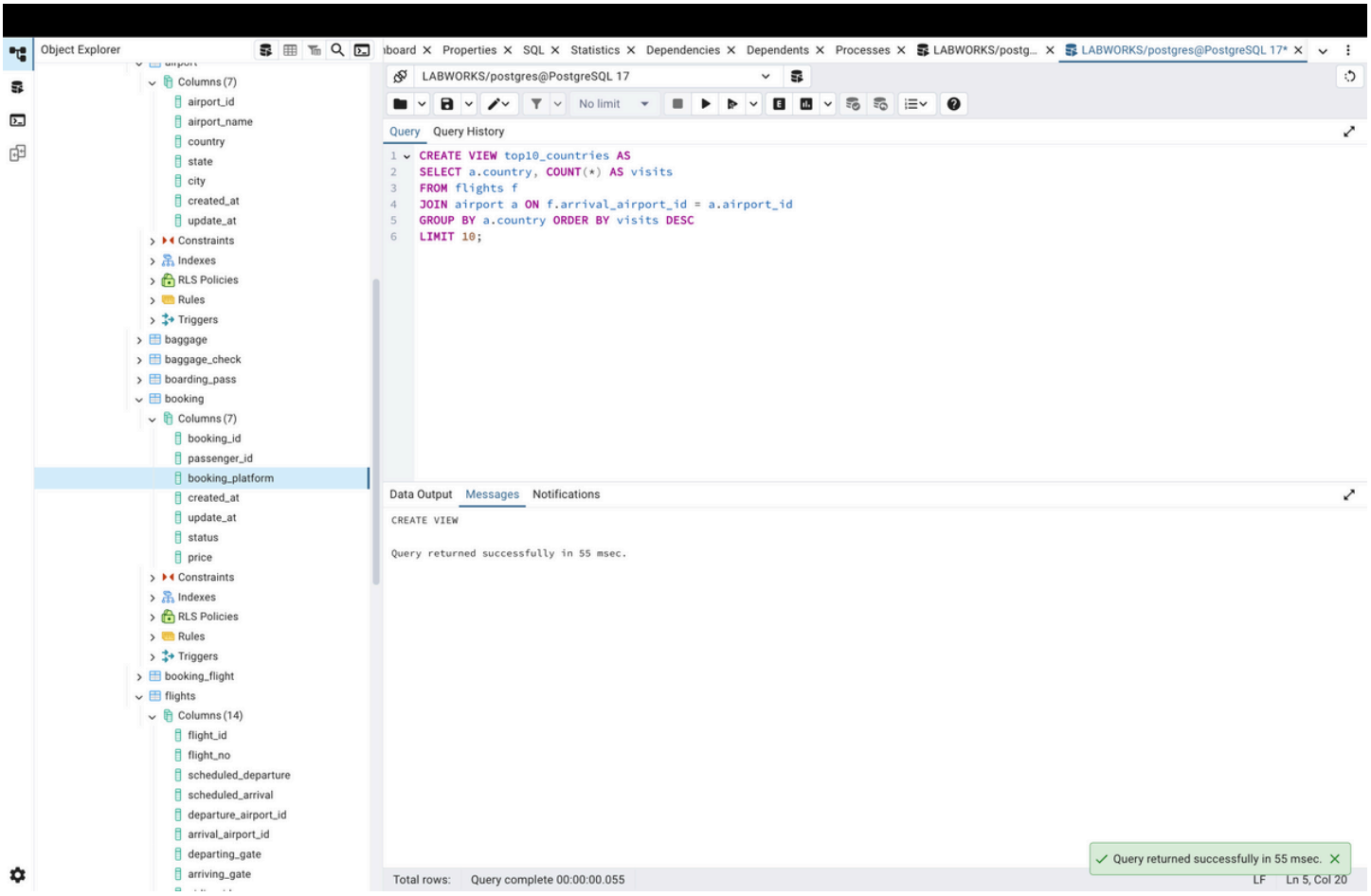
6. Create a view to show flights that are delayed by more than 24 hours.



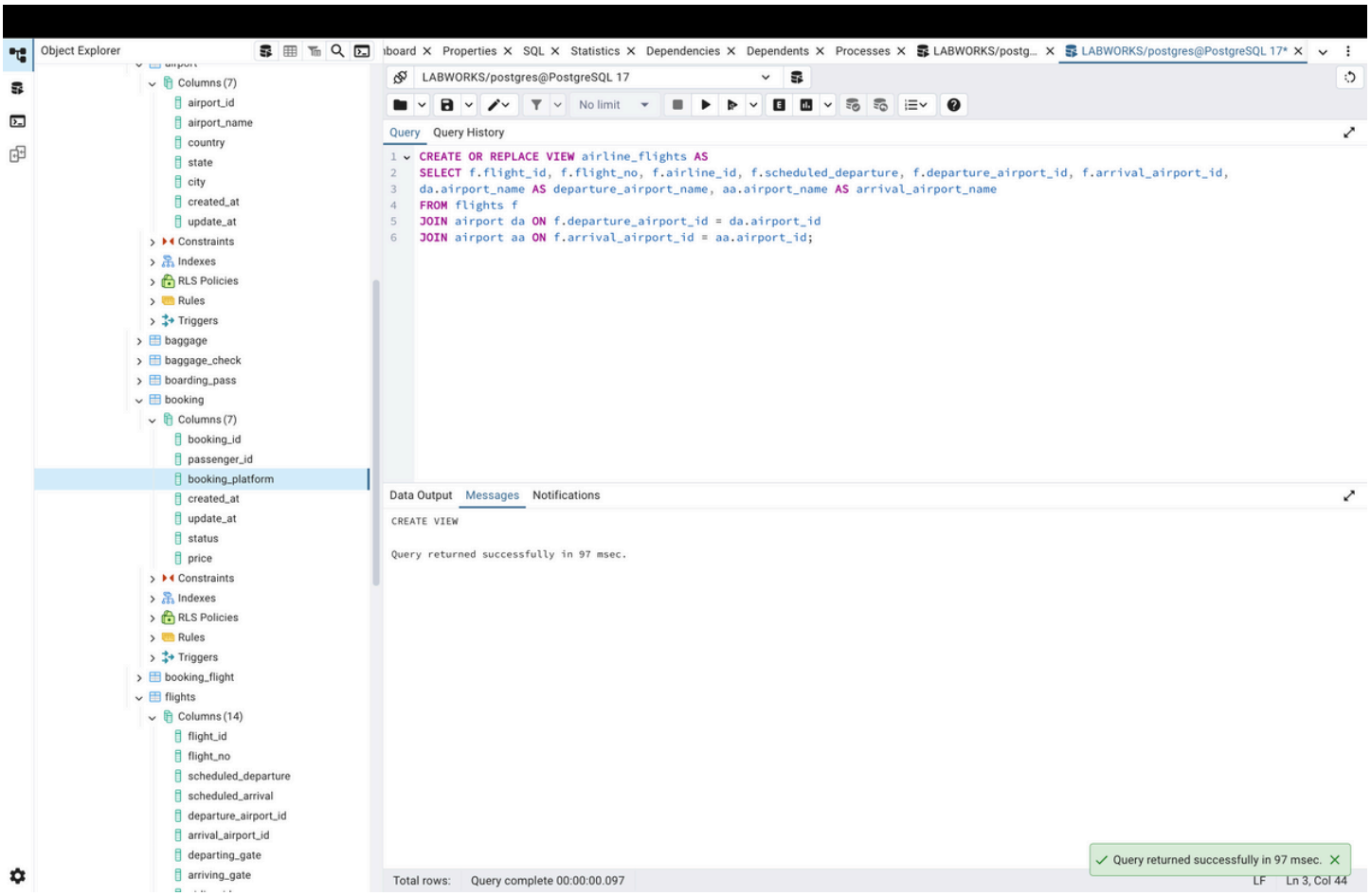
7. Create a view in which you can display the full name and country of origin of passengers who made bookings on Leffler-Thompson platform. Then show the list of that passengers.

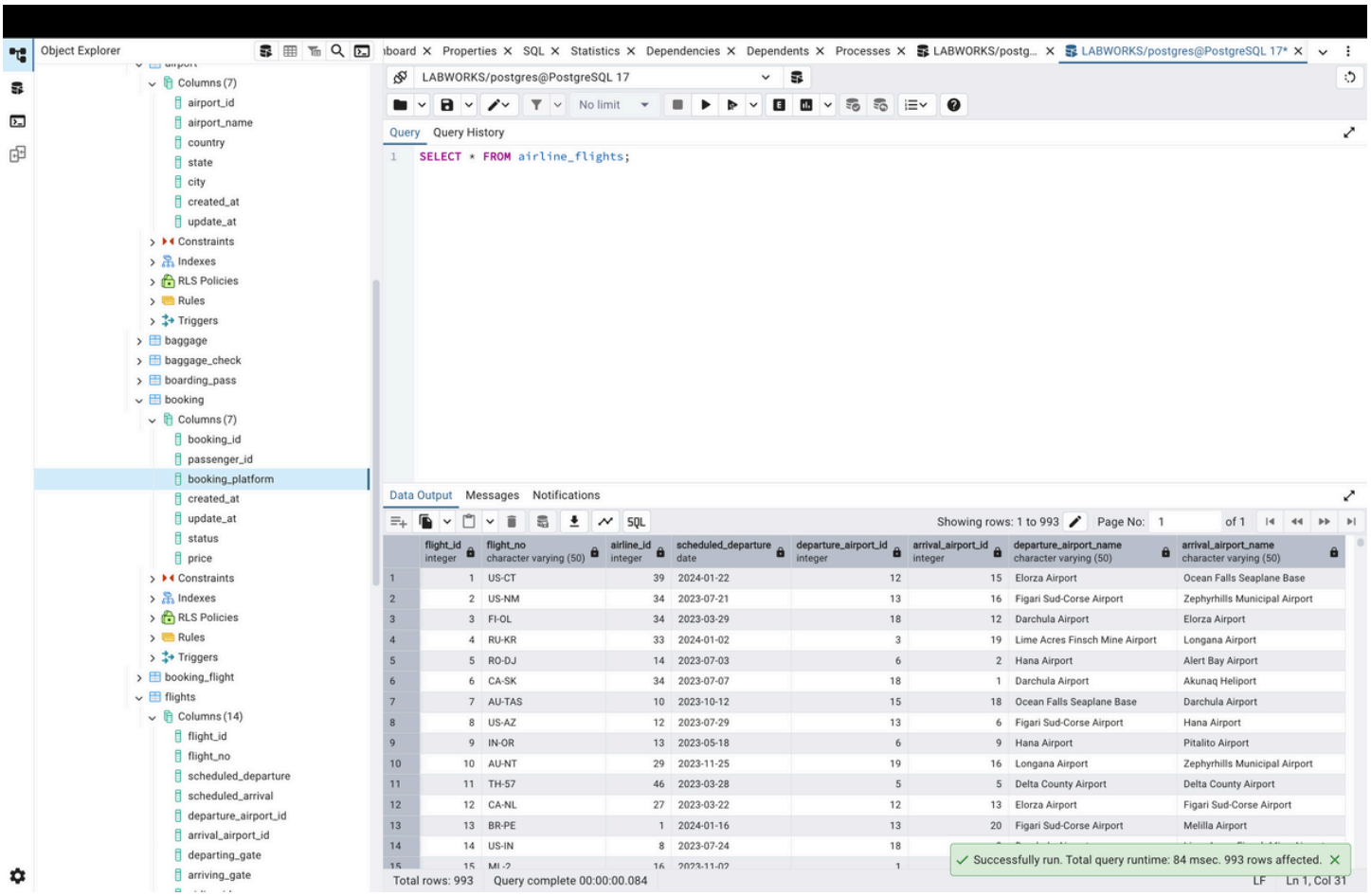


8. Create a view that shows top 10 most visited countries.

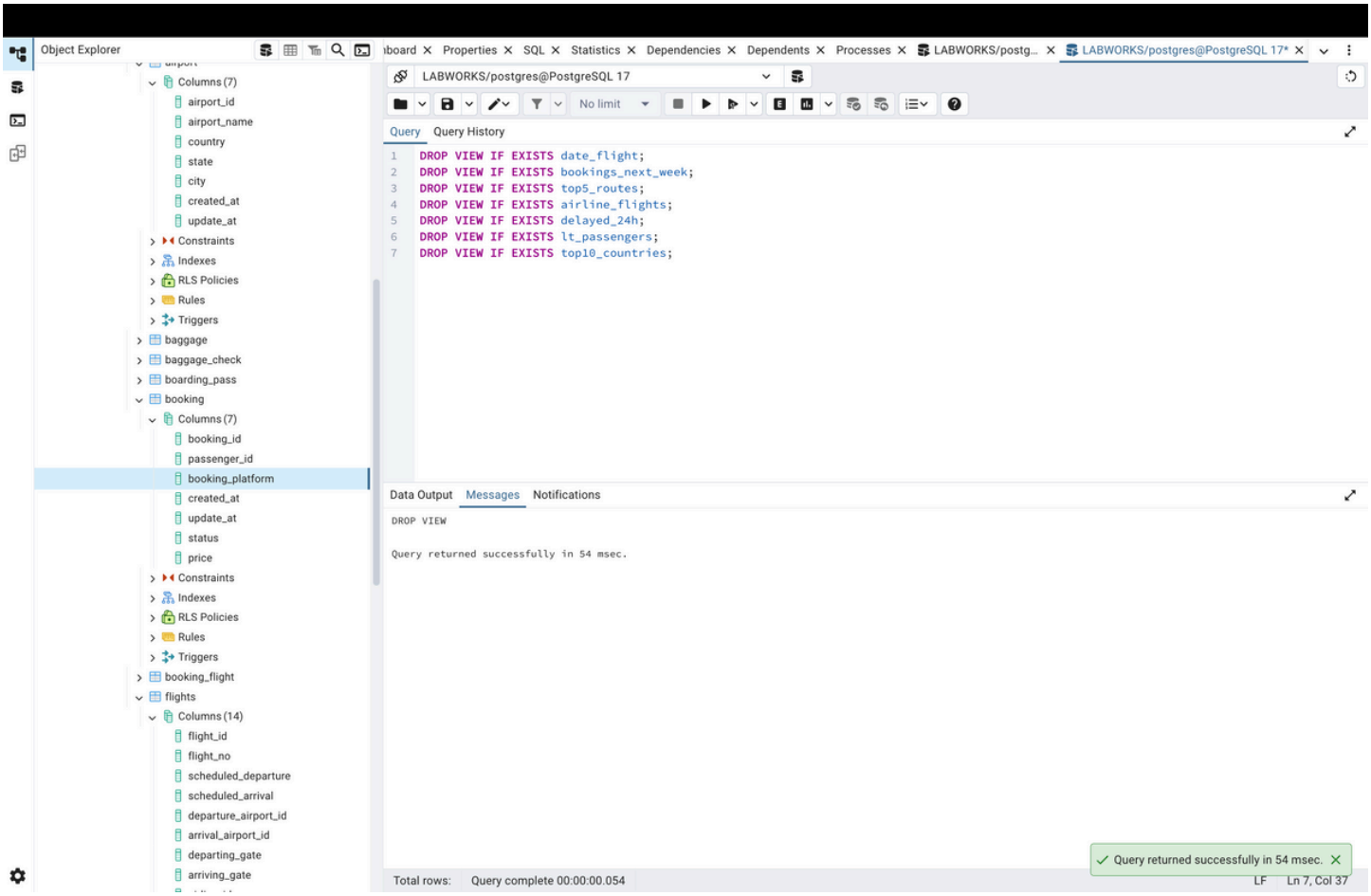


9. Update any of the created views by adding new information in the view table. Show results.





10. Drop all existing views.


Object Explorer
Columns (7)
airport_id
airport_name
country
state
city
created_at
update_at
Constraints
Indexes
RLS Policies
Rules
Triggers
baggage
baggage_check
boarding_pass
booking
Columns (7)
booking_id
passenger_id
booking_platform
created_at
update_at
status
price
Constraints
Indexes
RLS Policies
Rules
Triggers
booking_flight
flights
Columns (14)
flight_id
flight_no
scheduled_departure
scheduled_arrival
departure_airport_id
arrival_airport_id
departing_gate
arriving_gate
Properties
SQL
Statistics
Dependencies
Dependents
Processes
LABWORKS/postgres@PostgreSQL 17*
LABWORKS/postgres@PostgreSQL 17
No limit
Query
Query History
1 DROP VIEW IF EXISTS date_flight;
2 DROP VIEW IF EXISTS bookings_next_week;
3 DROP VIEW IF EXISTS top5_routes;
4 DROP VIEW IF EXISTS airline_flights;
5 DROP VIEW IF EXISTS delayed_24h;
6 DROP VIEW IF EXISTS lt_passengers;
7 DROP VIEW IF EXISTS top10_countries;
Data Output
Messages
Notifications
DROP VIEW
Query returned successfully in 54 msec.
Query returned successfully in 54 msec.
Total rows:
Query complete 00:00:00.054
LF
Ln 7, Col 37