Domains
FTS Configura
FTS Dictionari
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized V
Operators
Procedures
1..3 Sequences
Tables (10)
airline
airport
baggage
baggage_cl
boarding_pa
booking
booking_flig
flights
passengers
security_ch
Trigger Functi
Types
Views
Subscriptions

```
1  CREATE INDEX IF NOT EXISTS idx_flights_act_departure_time
2    ON flights (act_departure_time);
3  EXPLAIN ANALYZE
4  SELECT flight_id
5  FROM flights
6  WHERE act_departure_time >= DATE '2025-09-24'
7    AND act_departure_time <  DATE '2025-10-01';
8
```

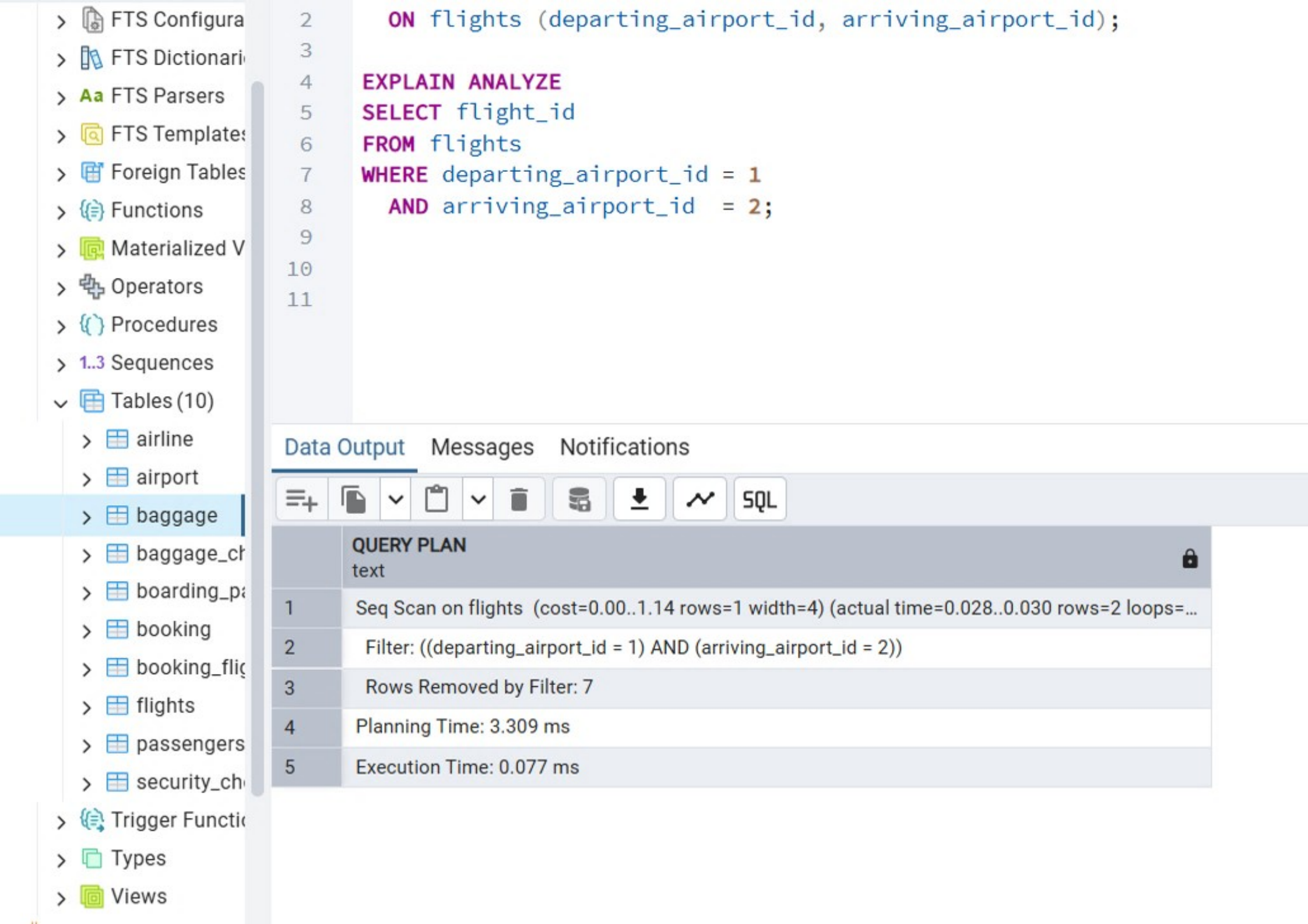
Data Output | Messages | Notifications

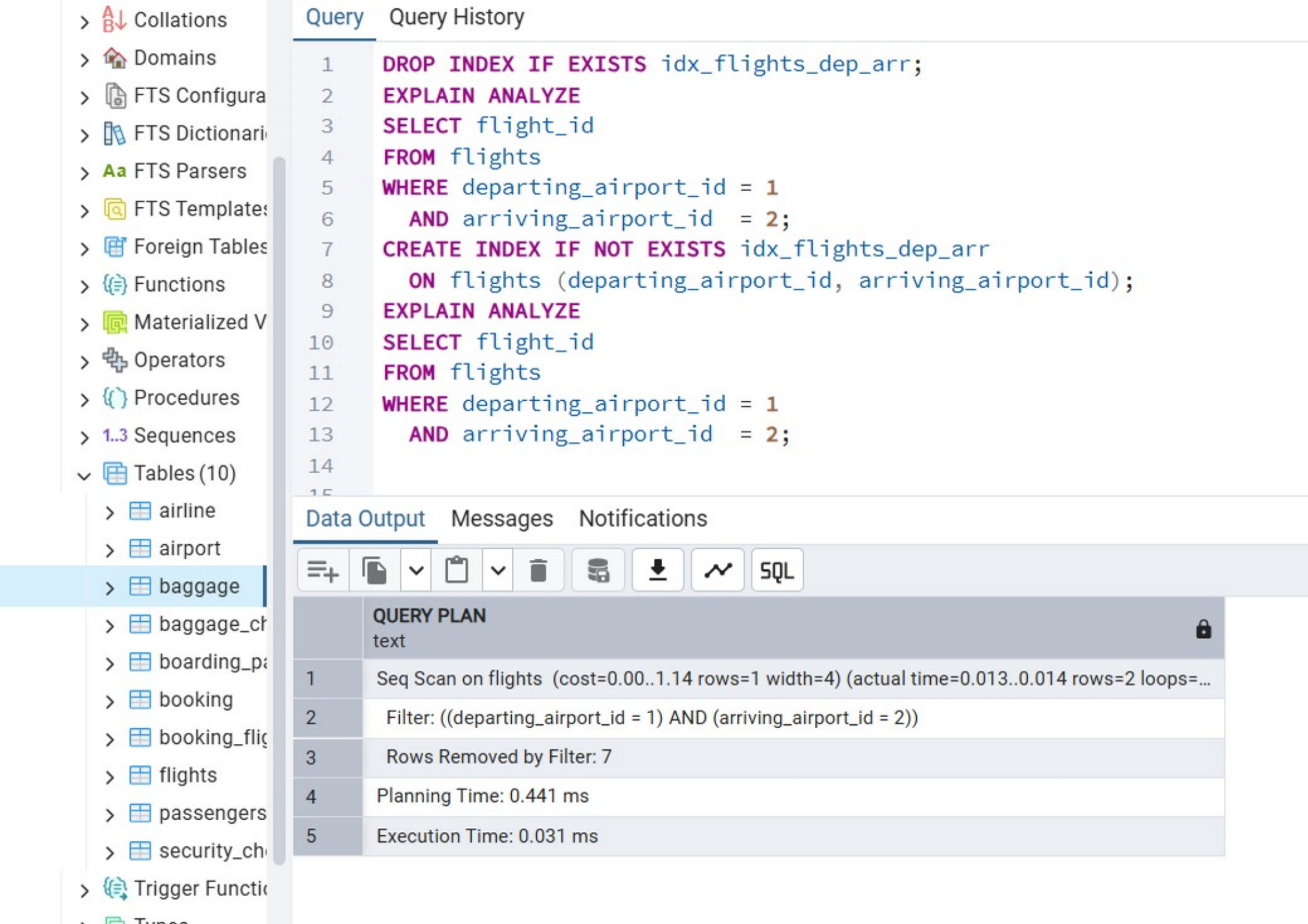
SQL

Sho

	QUERY PLAN text
1	Seq Scan on flights (cost=0.00..1.14 rows=1 width=4) (actual time=2.488..4.916 rows=6 loops...
2	Filter: ((act_departure_time >= '2025-09-24'::date) AND (act_departure_time < '2025-10-01'::dat...
3	Rows Removed by Filter: 3
4	Planning Time: 10.601 ms
5	Execution Time: 5.461 ms

Total rows: 5 | Query complete 00:00:00.609


FTS Configura
FTS Dictionari
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized V
Operators
Procedures
1..3 Sequences
Tables (10)
airline
airport
baggage
baggage_ch
boarding_pa
booking
booking_flig
flights
passengers
security_ch
Trigger Functi
Types
Views
2 ON flights (departing_airport_id, arriving_airport_id);
3
4 EXPLAIN ANALYZE
5 SELECT flight_id
6 FROM flights
7 WHERE departing_airport_id = 1
8 AND arriving_airport_id = 2;
9
10
11
Data Output
Messages
Notifications
SQL
QUERY PLAN
text
1 Seq Scan on flights (cost=0.00..1.14 rows=1 width=4) (actual time=0.028..0.030 rows=2 loops=...
2 Filter: ((departing_airport_id = 1) AND (arriving_airport_id = 2))
3 Rows Removed by Filter: 7
4 Planning Time: 3.309 ms
5 Execution Time: 0.077 ms

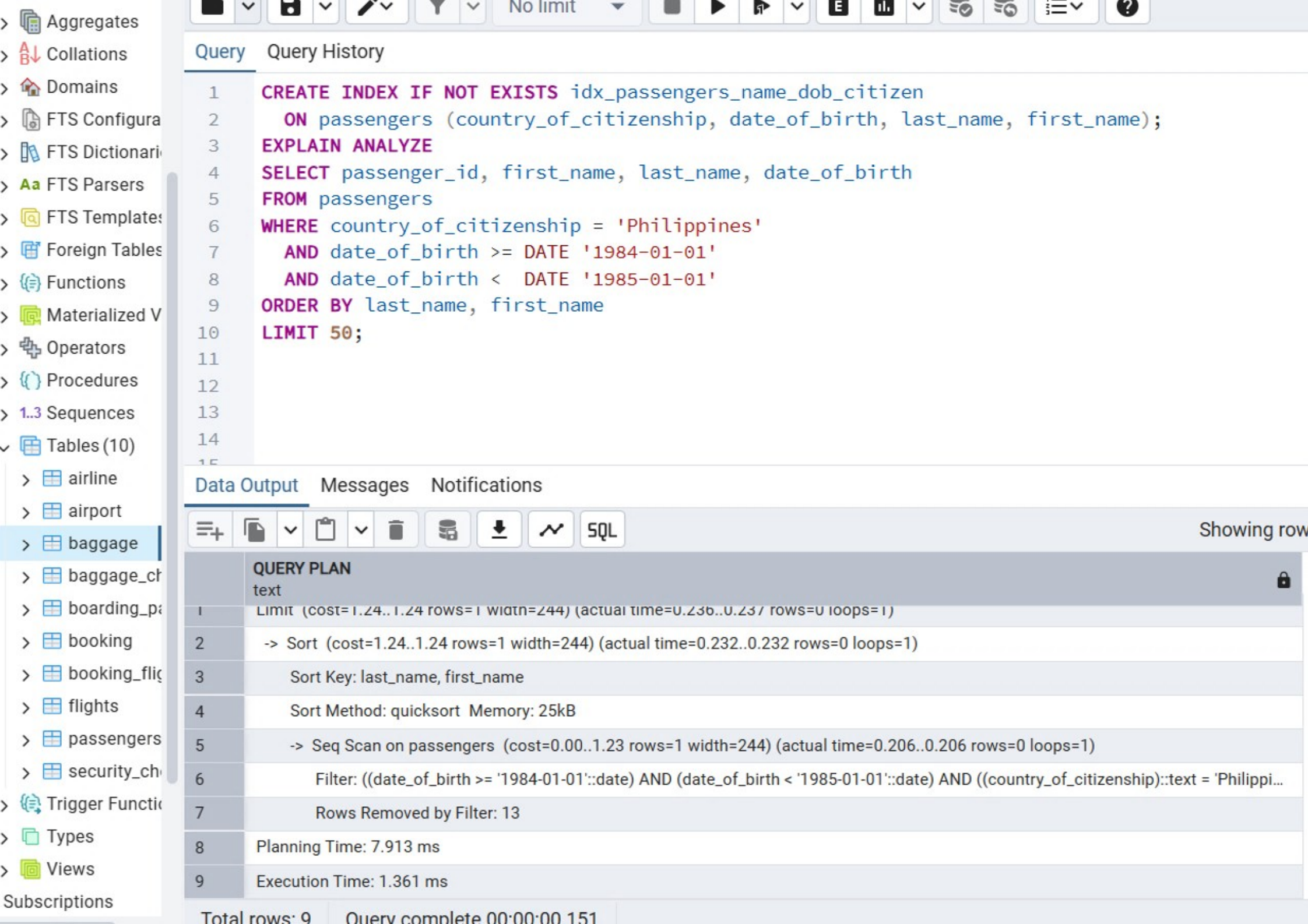

Collations
Domains
FTS Configura
FTS Dictionari
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized V
Operators
Procedures
1..3 Sequences
Tables (10)
airline
airport
baggage
baggage_ch
boarding_pa
booking
booking_flig
flights
passengers
security_ch
Trigger Functi
Query
Query History
1 DROP INDEX IF EXISTS idx_flights_dep_arr;
2 EXPLAIN ANALYZE
3 SELECT flight_id
4 FROM flights
5 WHERE departing_airport_id = 1
6 AND arriving_airport_id = 2;
7 CREATE INDEX IF NOT EXISTS idx_flights_dep_arr
8 ON flights (departing_airport_id, arriving_airport_id);
9 EXPLAIN ANALYZE
10 SELECT flight_id
11 FROM flights
12 WHERE departing_airport_id = 1
13 AND arriving_airport_id = 2;
14
Data Output
Messages
Notifications
SQL
QUERY PLAN
text
1 Seq Scan on flights (cost=0.00..1.14 rows=1 width=4) (actual time=0.013..0.014 rows=2 loops=...
2 Filter: ((departing_airport_id = 1) AND (arriving_airport_id = 2))
3 Rows Removed by Filter: 7
4 Planning Time: 0.441 ms
5 Execution Time: 0.031 ms

- Domains
- FTS Configura
- FTS Dictionari
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized V
- Operators
- Procedures
- Sequences
- Tables (10)
  - airline
  - airport
  - baggage
  - baggage_ch
  - boarding_pa
  - booking
  - booking_flig
  - flights
  - passengers
  - security_ch
- Trigger Functi
- Types
- Views


```
1  EXPLAIN ANALYZE
2  SELECT flight_id, sch_departure_time, sch_arrival_time
3  FROM flights
4  WHERE departing_airport_id = 1
5    AND arriving_airport_id  IN (2,3,4);
6
7
8
9
```

Data Output | Messages | Notifications

	QUERY PLAN text
1	Seq Scan on flights (cost=0.00..1.15 rows=1 width=20) (actual time=0.154..0.162 rows=3 loops=...
2	Filter: ((departing_airport_id = 1) AND (arriving_airport_id = ANY ('{2,3,4}'::integer[])))
3	Rows Removed by Filter: 6
4	Planning Time: 22.283 ms
5	Execution Time: 2.875 ms


Aggregates
Collations
Domains
FTS Configura
FTS Dictionari
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized V
Operators
Procedures
Sequences
Tables (10)
airline
airport
baggage
baggage_ch
boarding_pa
booking
booking_flig
flights
passengers
security_ch
Trigger Functi
Types
Views
Subscriptions
No limit
Query
Query History
CREATE INDEX IF NOT EXISTS idx_passengers_name_dob_citizen
ON passengers (country_of_citizenship, date_of_birth, last_name, first_name);
EXPLAIN ANALYZE
SELECT passenger_id, first_name, last_name, date_of_birth
FROM passengers
WHERE country_of_citizenship = 'Philippines'
AND date_of_birth >= DATE '1984-01-01'
AND date_of_birth < DATE '1985-01-01'
ORDER BY last_name, first_name
LIMIT 50;
Data Output
Messages
Notifications
SQL
Showing row
QUERY PLAN
text
Limit (cost=1.24..1.24 rows=1 width=244) (actual time=0.236..0.237 rows=0 loops=1)
-> Sort (cost=1.24..1.24 rows=1 width=244) (actual time=0.232..0.232 rows=0 loops=1)
Sort Key: last_name, first_name
Sort Method: quicksort Memory: 25kB
-> Seq Scan on passengers (cost=0.00..1.23 rows=1 width=244) (actual time=0.206..0.206 rows=0 loops=1)
Filter: ((date_of_birth >= '1984-01-01'::date) AND (date_of_birth < '1985-01-01'::date) AND ((country_of_citizenship)::text = 'Philippi...
Rows Removed by Filter: 13
Planning Time: 7.913 ms
Execution Time: 1.361 ms
Total rows: 9
Query complete 00:00:00.151