

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer airport_database/postgres@labwork* X

Tables (10)

- airline
- airport
- baggage
- baggage_check
- boarding_pass
- booking
- booking.flight
- flights
- Columns (14)
- Constraints (4)
- Indexes
- RLS Policies
- Rules
- Triggers
- passengers
- security_check
- Trigger Functions

Query History

```
1 create view details_of_flights_of_specific_dat as
2 select
3     flight_id,
4     flight_no,
5     airline_id,
6     status,
7     actual_departure
8 from
9     flights
10 where actual_departure > '2023-01-01'
11
12 select * from details_of_flights_of_specific_dat
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 2

	flight_id integer	flight_no character varying (50)	airline_id integer	status character varying (50)	actual_departure date
1	1	US-CT	39	Check-in open	2023-10-30
2	2	US-NM	34	Boarding	2024-02-09
3	3	FI-OL	34	Boarding	2024-02-21
4	4	RU-KR	33	Check-in open	2023-10-10
5	5	RO-DJ	14	Check-in open	2023-11-18
6	6	CA-SK	34	Check-in open	2024-02-19

Total rows: 1004 Query complete 00:00:00.250 LF Ln 12, Col 49

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File Object Tools Edit View Window Help



Object Explorer



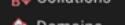
airport_database/postgres@labwork*

Schemas (1)

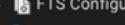
public



> Aggregates



> Collations



> Domains



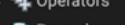
> FTS Configurations



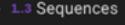
> FTS Dictionaries



> FTS Parsers



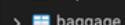
> FTS Templates



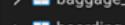
> Foreign Tables



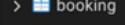
> Functions



> Materialized Views



> Operators



> Procedures



> Sequences

Tables (10)



> airline



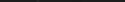
> airport



> baggage



> baggage_check



> boarding_pass

> booking

> booking_flight

> flights

Columns (14)



flight_id



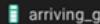
flight_no



scheduled_departure



scheduled_arrival



departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airport_database/postgres@labwork

No limit



```
1 create view booking_next_week as
2 select
3     b.booking_id,
4     f.flight_id,
5     f.flight_no,
6     f.scheduled_departure,
7     f.scheduled_arrival
8 from booking b
9 join booking_flight bf on b.booking_id = bf.booking_id
10 join flights f on bf.flight_id = f.flight_id
11 where f.scheduled_departure between now() and now() + interval '7 days';
```

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 154 msec.

Total rows: Query complete 00:00:00.154

✓ Query returned successfully in 154 msec. ✗

LF

Ln 4, Col 1

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File Object Tools Edit View Window Help

Object Explorer

created_at
update_at

> Constraints (3)

> Indexes

> RLS Policies

> Rules

> Triggers

flights

Columns (14)

flight_id

flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

actual_departure

actual_arrival

created_at

update_at

> Constraints (4)

flights_airline_id_fkey

flights_arrival_airport_id_fkey

flights_departure_airport_id_fkey

flights_pkey

> Indexes

> RLS Policies

> Rules

> Triggers

airport_database/postgres@labwork* X

airport_database/postgres@labwork



Query History

```
1 create view top_5 as
2 select
3     count(bf.booking_id) as booking_cnt,
4     f.departure_airport_id,
5     f.arrival_airport_id
6 from flights f
7 join booking_flight bf on f.flight_id = bf.flight_id
8 group by f.departure_airport_id, f.arrival_airport_id
9 order by booking_cnt desc
10 limit 5
```

Scratch Pad X

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 156 msec.

✓ Query returned successfully in 156 msec. ✗

Total rows: | Query complete 00:00:00.156

LF Ln 5, Col 23

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File Object Tools Edit View Window Help

Object Explorer

created_at
update_at

> Constraints (3)

> Indexes

> RLS Policies

> Rules

> Triggers

flights

Columns (14)

flight_id

flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

actual_departure

actual_arrival

created_at

update_at

> Constraints (4)

flights_airline_id_fkey

flights_arrival_airport_id_fkey

flights_departure_airport_id_fkey

flights_pkey

> Indexes

> RLS Policies

> Rules

> Triggers

> Functions

airport_database/postgres@labwork*

airport_database/postgres@labwork



No limit

Query

Query History

```
1 create view flights_of_spec_airlin as
2 select
3     f.flight_id,
4     f.flight_no,
5     a.airline_id
6 from flights f
7 join airline a on a.airline_id = f.airline_id
8 where f.airline_id = 3;
9
10 select * from flights_of_spec_airline
```

Scratch Pad

Data Output

Messages

Notifications

Showing rows: 1 to 1000

Page No: 1 of 2

flight_id integer
flight_no character varying (50)
airline_id integer

	flight_id	flight_no	airline_id
1	1	US-CT	39
2	2	US-NM	34
3	3	FI-OL	34
4	4	RU-KR	33
5	5	RO-DJ	14
6	6	CA-SK	34

Total rows: 1004

Query complete 00:00:00.210

✓ Successfully run. Total query runtime: 210 msec. 1004 rows affected.

LF Ln 1, Col 35

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File Object Tools Edit View Window Help

Object Explorer

- created_at
- update_at
- > Constraints (3)
- > Indexes
- > RLS Policies
- > Rules
- > Triggers
- flights
 - Columns (14)
 - flight_id
 - flight_no
 - scheduled_departure
 - scheduled_arrival
 - departure_airport_id
 - arrival_airport_id
 - departing_gate
 - arriving_gate
 - airline_id
 - status
 - actual_departure
 - actual_arrival
 - created_at
 - update_at
 - Constraints (4)
 - flights_airline_id_fkey
 - flights_arrival_airport_id_fkey
 - flights_departure_airport_id_fkey
 - flights_pkey
 - Indexes
 - RLS Policies
 - Rules
 - Triggers

airport_database/postgres@labwork*

airport_database/postgres@labwork

Query History

```
1 create or replace view flights_of_spec_airline as
2 select
3     f.flight_id,
4     f.flight_no,
5     a.airline_id
6 from flights f
7 join airline a on a.airline_id = f.airline_id
8 where f.airline_id = 3 and f.scheduled_departure between now() and now() + interval '7 days';
9
10 select * from flights_of_spec_airline
```

Data Output Messages Notifications

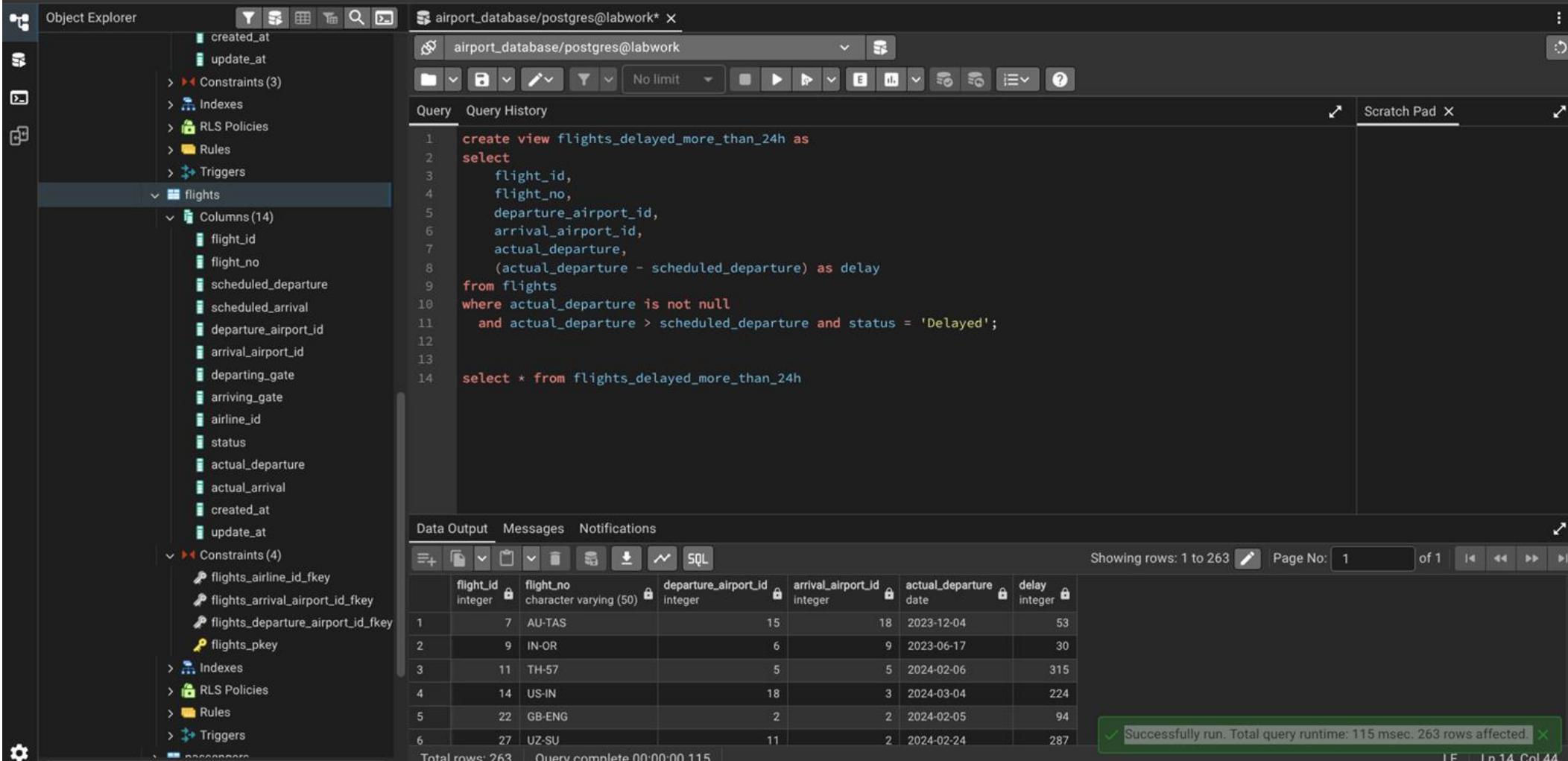
flight_id	flight_no	airline_id
integer	character varying (50)	integer

Total rows: 0 Query complete 00:00:00.212

Successfully run. Total query runtime: 212 msec. 0 rows affected.

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File Object Tools Edit View Window Help



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File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit



Query

Query History

Scratch Pad X

```
1  create view pass_that_booked_on_LT_platform as
2  select
3      p.passenger_id,
4      p.first_name,
5      p.last_name,
6      p.country_of_residence,
7      b.booking_id,
8      b.status
9  from passengers p
10 join booking b on p.passenger_id = b.passenger_id where booking_platform = 'Leffler-Thompson';
11
12 select * from pass_that_booked_on_LT_platform
```

Scratch Pad

Data Output Messages Notifications



	passenger_id	first_name	last_name	country_of_residence	booking_id	status
1	157	Philbert	Shambroke	China	15	Female

Total rows: 1

Query complete 00:00:00.100

✓ Successfully run. Total query runtime: 100 msec. 1 rows affected.

LF Ln 12, Col 46

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File Object Tools Edit View Window Help

Object Explorer

- Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
- Tables (10)
 - airline
 - airport
 - Columns (7)
 - airport_id
 - airport_name
 - country
 - state
 - city
 - created_at
 - update_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
 - baggage
 - baggage_check

airport_database/postgres@labwork*

airport_database/postgres@labwork

Query History

```
1 create view top_10_visited_countries as
2 select
3     a.country,
4         count(*) as visits
5 from flights f
6 join airport a on f.arrival_airport_id = a.airport_id
7 group by a.country
8 order by visits desc
9 limit 10
10
11 select * from top_10_visited_countries
```

Data Output Messages Notifications

	country	visits
1	China	240
2	Philippines	150
3	Indonesia	148
4	United States	61
5	Tanzania	58
6	Russia	56

Total rows: 10 | Query complete 00:00:00.105

Showing rows: 1 to 10 | Page No: 1 of 1

Successfully run. Total query runtime: 105 msec. 10 rows affected.

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File Object Tools Edit View Window Help

Object Explorer airport_database/postgres@labwork* X

Procedures
Sequences
Tables (10)
airline
Columns (6)
airline_id
airline_code
airline_name
airline_country
created_at
update_at
Constraints
Indexes
RLS Policies
Rules
Triggers
airport
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
Columns (14)
flight_id
flight_no
scheduled_departure
scheduled_arrival
departure_airport_id
arrival_airport_id
departing_gate
arriving_gate
airline_id

airport_database/postgres@labwork

No limit

Query History

```
1 create or replace view flights_of_specific_airline as
2 select
3     f.flight_id,
4     f.flight_no,
5     f.departure_airport_id,
6     f.arrival_airport_id,
7     f.scheduled_departure,
8     f.scheduled_arrival,
9     f.status,
10    a.airline_name
11   from flights f
12  join airline a on f.airline_id = a.airline_id
13 where f.airline_id = 3;
14
15 select * from flights_of_specific_airline
```

Data Output Messages Notifications

	flight_id	flight_no	departure_airport_id	arrival_airport_id	scheduled_departure	scheduled_arrival	status	airline_name
1	125	PG-WPD	11	15	2023-10-08	2023-04-10	Delayed	KLE
2	146	MY-14	20	7	2024-03-16	2023-12-03	Boarding	KLE
3	180	TN-61	11	6	2023-05-21	2023-04-18	Delayed	KLE
4	242	FR-O	15	18	2023-12-13	2023-08-27	Boarding	KLE
5	268	AR-Q	6	7	2023-06-26	2023-03-22	Boarding	KLE
6	325	PG-NSB	5	2	2023-12-22	2023-04-16	Boarding	KLE

Total rows: 15 Query complete 00:00:00.111

Successfully run. Total query runtime: 111 msec. 15 rows affected.