

Object Explorer

Triggers

baggage

baggage_check

boarding_pass

booking

Columns

Constraints

Indexes

RLS Policies

Rules

Triggers

booking_flight

flights

Columns (13)

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

flight_no

Constraints

Indexes

RLS Policies

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Triggers

passengers

Columns

Constraints

Indexes

RLS Policies

public.flights/postgres/postgres@localhost

public.flights/postgres/postgres@localhost

Query

Query History

1

CREATE VIEW view_flights_by_date AS

2

SELECT * FROM flights

3

WHERE DATE(sch_departure_time) = '2024-11-08'

Scratch Pad X

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 55 msec.

Total rows:

Query complete 00:00:00.055

LF

Ln 3, Col 45

Object Explorer

created_at

updated_at

Constraints

Indexes

RLS Policies

Rules

Triggers

baggage

baggage_check

boarding_pass

booking

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 (13)

flight_id

sch_departure_time

sch_arrival_time

departing_airport_id

arriving_airport_id

departing_gate

arriving_gate

airline_id

act_departure_time

public.flights/postgres/postgres@localhost

public.booking/postgres/postgres@localhost

public.booking/postgres/postgres@localhost

public.booking/postgres/postgres@localhost

No limit

Query

Query History

Scratch Pad

1

2

3

4

5

6

7

8

9

CREATE VIEW view_bookings_next_week AS

SELECT b.booking_id,

b.flight_id,

b.passenger_id,

b.ticket_price,

f.sch_departure_time

FROM booking b

JOIN flights f ON f.flight_id = b.flight_id

WHERE f.sch_departure_time BETWEEN CURRENT_DATE AND CURRENT_DATE + INTERVAL '7 days';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 44 msec.

✓ Query returned successfully in 44 msec.

Total rows: Query complete 00:00:00.044

LF Ln 8, Col 27

Object Explorer

> boarding_pass

> booking

> 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 (13)

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

flight_no

> Constraints

> Indexes

> RLS Policies

> Rules

public.flights/postgres/postgres@localhost

Query

Query History

1

2

3

4

5

6

7

8

9

CREATE VIEW view_top5_routes AS

SELECT f.departing_airport_id,

f.arriving_airport_id,

COUNT(b.booking_id) AS total_bookings

FROM flights f

JOIN booking b ON f.flight_id = b.flight_id

GROUP BY departing_airport_id, arriving_airport_id

ORDER BY total_bookings DESC

LIMIT 5;

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 51 msec.

Total rows: Query complete 00:00:00.051

LF Ln 4, Col 28

✓ Query returned successfully in 51 msec. ✕

Object Explorer

> boarding_pass

> booking

> 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 (13)

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

flight_no

> Constraints

> Indexes

> RLS Policies

> Rules

public.flights/postgres/postgres@localhost

Query

Query History

1

2

3

4

5

CREATE VIEW view_airline_flights AS

SELECT f.*, a.airline_name

FROM flights f

JOIN airline a ON a.airline_id = f.airline_id

WHERE a.airline_name = 'Air Astana';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 39 msec.

Total rows: Query complete 00:00:00.039

Ln 5, Col 37

✓ Query returned successfully in 39 msec. ✕

Object Explorer

public.flights/postgres/postgres@localhost

boarding_pass

booking

Columns (9)

booking_id

flight_id

passenger_id

booking_platform

created_at

updated_at

status

ticket_price

ticket_discount

Constraints

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Rules

Triggers

booking_flight

flights

Columns (13)

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

flight_no

Constraints

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public.flights/postgres/postgres@localhost

Query

Query History

Scratch Pad

1

2

3

4

5

6

CREATE OR REPLACE VIEW view_airline_flihgt AS

SELECT f.*, a.airline_name

FROM flights f

JOIN airline a ON f.airline_id = a.airline_id

WHERE a.airline_name = 'Air Astana'

AND sch_departure_time BETWEEN CURRENT_DATE AND CURRENT_DATE + INTERVAL '7 days';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 29 msec.

Total rows: Query complete 00:00:00.029

Ln 6, Col 83

✓ Query returned successfully in 29 msec. ✕

Object Explorer

> boarding_pass

> booking

> 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 (13)

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

flight_no

> Constraints

> Indexes

> RLS Policies

> Rules

public.flights/postgres/postgres@localhost

Query

Query History

1

2

3

CREATE VIEW view_delayed_more_24h AS

SELECT * FROM flights

WHERE act_departure_time > sch_departure_time + INTERVAL '24 hours';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 37 msec.

Total rows: 0

Query complete 00:00:00.037

LF Ln 3, Col 20

✓ Query returned successfully in 37 msec. ✕

Object Explorer

public.flights/postgres/postgres@localhost

public.booking/postgres/postgres@localhost

public.flights/postgres/postgres@localhost

public.passengers/postgres/postgres@localhost

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

flight_no

Constraints

Indexes

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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

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Rules

Triggers

security_check

Trigger Functions

Types

Views

public.passengers/postgres/postgres@localhost

No limit

Query

Query History

Scratch Pad

```
1 CREATE VIEW view_leffler_passengers AS
2 SELECT p.passenger_id,
3        p.first_name || ' ' || p.last_name AS full_name,
4        p.country_of_citizenship,
5        b.booking_id
6 FROM passengers p
7 JOIN booking b ON b.passenger_id = p.passenger_id
8 WHERE b.booking_platform = 'Leffler-Thompson';
```

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 49 msec.

Total rows: Query complete 00:00:00.049

Ln 8, Col 47

✓ Query returned successfully in 49 msec. ✕

Object Explorer

public.flights/postgres/postgres@localhost

booking_platform

created_at

updated_at

status

ticket_price

ticket_discount

> Constraints

> Indexes

> RLS Policies

> Rules

> Triggers

> booking_flight

> flights

Columns (13)

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

flight_no

> Constraints

> Indexes

> RLS Policies

> Rules

> Triggers

> passengers

Columns (10)

passenger_id

first_name

last_name

public.flights/postgres/postgres@localhost

No limit

Query

Query History

Scratch Pad

1 CREATE VIEW view_top10_countries AS

2 SELECT ap.country,

3 COUNT(*) AS total_visits

4 FROM flights f

5 JOIN airport ap ON f.arriving_airport_id = ap.airport_id

6 GROUP BY ap.country

7 ORDER BY total_visits DESC

8 LIMIT 10;

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 52 msec.

Total rows: Query complete 00:00:00.052

LF Ln 8, Col 10

✓ Query returned successfully in 52 msec. ✕

Object Explorer

public.flights/postgres/postgres@localhost

booking_platform

created_at

updated_at

status

ticket_price

ticket_discount

> Constraints

> Indexes

> RLS Policies

> Rules

> Triggers

> booking_flight

flights

Columns (13)

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

flight_no

> Constraints

> Indexes

> RLS Policies

> Rules

> Triggers

passengers

Columns (10)

passenger_id

first_name

last_name

public.flights/postgres/postgres@localhost

public.flights/postgres/postgres@localhost

No limit

Query

Query History

Scratch Pad

1 CREATE OR REPLACE VIEW view_flights_by_date AS

2 SELECT f.*, a.airline_name

3 FROM flights f

4 JOIN airline a ON a.airline_id = f.airline_id

5 WHERE DATE(sch_departure_time) = '2024-05-10';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 37 msec.

Total rows: Query complete 00:00:00.037

LF Ln 3, Col 8

✓ Query returned successfully in 37 msec. ✕

Object Explorer

public.flights/postgres/postgres@localhost

booking_platform

created_at

updated_at

status

ticket_price

ticket_discount

Constraints

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Triggers

booking_flight

flights

Columns (13)

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

flight_no

Constraints

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Triggers

passengers

Columns (10)

passenger_id

first_name

last_name

public.flights/postgres/postgres@localhost

Query

Query History

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DROP VIEW IF EXISTS

view_flights_by_date,

view_bookings_next_week,

view_top5_routes,

view_airline_flights,

view_delayed_more_24h,

view_leffler_passengers,

view_top10_countries

CASCADE;

Data Output

Messages

Notifications

DROP VIEW

Query returned successfully in 37 msec.

Total rows:

Query complete 00:00:00.037

✓ Query returned successfully in 37 msec. ✕

LF Ln 2, Col 2