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pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
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 - Sequences
 - Tables (10)
 - airline
 - Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
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 - Triggers
 - airport

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 Select UPPER(airline_name) AS airline_name_uppercase
2 FROM airline
```

Data Output Messages Notifications

Showing rows: 1 to 4 Page No: 1 of 1

	airline_name_uppercase
1	KAZAIR
2	AIREASY
3	FLYHIGH
4	FLYFLY

Total rows: 4 Query complete 00:00:00.209

Successfully run. Total query runtime: 209 msec. 4 rows

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postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT REPLACE(airline_name, 'Air', 'Aero') AS Modified_airline_name
2 FROM airline;
```

Data Output Messages Notifications

Showing rows: 1 to 4 Page No: 1 of 1

	modified_airline_name
1	KazAero
2	AeroEasy
3	FlyHigh
4	FlyFly

Total rows: 4 Query complete 00:00:00.164

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Object Explorer

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 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport_id
 - arriving_airport_id
 - text
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
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postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT airline_id
2 FROM flights
3 WHERE airline_id = 1
4 AND airline_id IN (
5     SELECT airline_id
6     FROM flights
7     WHERE airline_id = 2
8 );
9
```

Data Output Messages Notifications

airline_id
integer

Successfully run. Total query runtime: 262 msec. 0 rows affected

Total rows: 0 Query complete 00:00:00.262

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- Sequences
- Tables (10)
 - airline
 - airport
 - Columns (7)
 - airport_id
 - airport_name
 - country
 - state
 - city
 - created_at
 - updated_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
- baggage
- baggage_check

postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT *
2 FROM airport
3 WHERE airport_name LIKE '%Regional%'
4 AND airport_name LIKE '%Air%';
5
```

Data Output Messages Notifications

airport_id	airport_name	country	state	city	created_at	updated_at
integer	character varying (50)	character varying (50)	character varying (50)	character varying (50)	timestamp without time zone	timestamp without time zone

Successfully run. Total query runtime: 177 msec. 0 rows affected

Total rows: 0 Query complete 00:00:00.177

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Object Explorer

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- Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
- Columns (10)
 - passenger_id
 - first_name
 - last_name
 - date_of_birth
 - gender
 - country_of_citi
 - country_of_res
 - passport_num
 - created_at
 - updated_at
- Constraints
- Indexes
- RLS Policies

postgres/postgres@PostgreSQL 17*

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT
2     first_name,
3     TO_CHAR(date_of_birth, 'Month DD, YYYY') AS Formatted_BirthDate
4 FROM passengers;
5
```

Data Output Messages Notifications

first_name	formatted_birthdate
------------	---------------------

Total rows: 0 Query complete 00:00:00.173

Successfully run. Total query runtime: 173 msec. 0 rows at CRLF

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 - flights
- Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport_id
 - arriving_airport_id
 - text
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at
- Constraints
- Indexes

postgres/postgres@PostgreSQL 17*

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT flight_id
2 FROM flights
3 WHERE act_arrival_time > sch_arrival_time;
4
```

Data Output Messages Notifications

flight_id

Total rows: 0 Query complete 00:00:00.120

Successfully run. Total query runtime: 120 msec. 0 rows at CRLF

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 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
- Columns (10)
 - passenger_id
 - first_name
 - last_name
 - date_of_birth
 - gender
 - country_of_citizenshi
 - country_of_residence
 - passport_number
 - created_at
 - updated_at
- Constraints
- Indexes

postgres/postgres@PostgreSQL 17*

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT
2   first_name,
3   date_of_birth,
4   CASE
5     WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
6     WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
7     ELSE 'Other'
8   END AS age_group
9 FROM passengers;
10
```

Data Output Messages Notifications

first_name	date_of_birth	age_group
character varying (50)	date	text

Total rows: 0 Query complete 00:00:00.105

Successfully run. Total query runtime: 105 msec. 0 rows affected

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 - boarding_pass
 - booking
- Columns (8)
 - booking_id
 - flight_id
 - passenger_id
 - booking_platform
 - created_at
 - updated_at
 - status
 - ticket_price
- Constraints
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- booking_flight
- flights
- passengers
- security_check
- Trigger Functions

postgres/postgres@PostgreSQL 17*

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT
2   booking_id,
3   ticket_price,
4   CASE
5     WHEN ticket_price < 100 THEN 'Cheap'
6     WHEN ticket_price BETWEEN 100 AND 300 THEN 'Medium'
7     ELSE 'Expensive'
8   END AS price_category
9 FROM booking;
10
```

Data Output Messages Notifications

booking_id	ticket_price	price_category
integer	numeric (7,2)	text

Total rows: 0 Query complete 00:00:00.161

Successfully run. Total query runtime: 161 msec. 0 rows affected

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 - airline
 - Columns (6)
 - airline_id
 - airline_code
 - airline_name
 - airline_country
 - created_at
 - updated_at
 - Constraints
 - Indexes
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 - Rules
 - Triggers
 - airport
 - Columns (7)
 - airport_id

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT
2     airline_country,
3     COUNT(airline_name) AS number_of_airlines
4 FROM airline
5 GROUP BY airline_country;
6
```

Data Output Messages Notifications

Showing rows: 1 to 4 Page No: 1 of 1

	airline_country	number_of_airlines
	character varying (50)	bigint
1	France	1
2	Turkey	1
3	Brazil	1
4	Poland	1

Total rows: 4 Query complete 00:00:00.154

Successfully run. Total query runtime: 154 msec. 4 rows

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 - act_arrival_time
 - created_at
 - updated_at
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 - Triggers
 - passengers

postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
1 SELECT
2     flight_id,
3     sch_arrival_time,
4     act_arrival_time,
5     ROUND(EXTRACT(EPOCH FROM (act_arrival_time - sch_arrival_time)) / 60) AS delay_minutes
6 FROM flights
7 WHERE act_arrival_time IS NOT NULL
8     AND sch_arrival_time IS NOT NULL
9     AND act_arrival_time > sch_arrival_time
10 ORDER BY delay_minutes DESC;
11
```

Data Output Messages Notifications

Showing rows: 1 to 0 Page No: 1 of 1

flight_id	sch_arrival_time	act_arrival_time	delay_minutes
integer	timestamp without time zone	timestamp without time zone	numeric

Total rows: 0 Query complete 00:00:00.129

Successfully run. Total query runtime: 129 msec. 0 rows