

postgres/postgres@PostgreSQL 17

No limit

Query Query History Scratch Pad

```
1 -- 1
2 SELECT *
3 FROM Passengers
4 WHERE first_name = last_name;
```

SQL

passenger_id [PK] integer	first_name character varying (50)	last_name character varying (50)	date_of_birth date	gender character varying (50)	country_of_citizenship character varying (50)	country_of_residence character varying (50)	passport_number character varying (20)	created_at timestamp without time zone	updated_at timestamp without time zone
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Query Query History

```
1 -- 2
2 SELECT DISTINCT last_name
3 FROM Passengers;
4
```

Scratch Pad

Data Output Messages Notifications

SQL

last_name
character varying (50)

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Query Query History

```
1 -- 3
2 SELECT *
3 FROM Passengers
4 WHERE gender = 'Male'
5 AND date_of_birth BETWEEN '1990-01-01' AND '2000-12-31';
```

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Data Output Messages Notifications

passenger_id	first_name	last_name	date_of_birth	gender	country_of_citizenship	country_of_residence	passport_number	created_at	updated_at
[PK] integer	character varying (50)	character varying (50)	date	character varying (50)	character varying (50)	character varying (50)	character varying (20)	timestamp without time zone	timestamp without time zone

```
1 -- 4
2 SELECT DATE_TRUNC('month', created_at) AS month, SUM(ticket_price) AS total_sales
3 FROM Booking
4 GROUP BY month
5 ORDER BY month;
6
```

month	total_sales
timestamp without time zone	numeric

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Query Query History

```
1 -- 5
2 SELECT f.*
3 FROM Flights f
4 JOIN Airport a ON f.arriving_airport_id = a.airport_id
5 WHERE a.country = 'China';
```

Data Output Messages Notifications

SQL

flight_id [PK] integer	sch_departure_time timestamp without time zone	sch_arrival_time timestamp without time zone	departing_airport_id integer	arriving_airport_id integer	departing_gate text	arriving_gate character varying (50)	airline_id integer	act_departure_time timestamp without time zone	act_arrival_time timestamp without time zone
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Total rows: 0 Query complete 00:00:00.056

✓ Successfully run. Total query runtime: 56 msec. 0 rows affected. ✕

CRLF Ln 5, Col 27

Query Query History Scratch Pad

```
1 -- 6
2 SELECT *
3 FROM Airline
4 WHERE airline_country IN ('France','Portugal','Poland')
5 AND created_at BETWEEN '2023-11-01' AND '2024-03-31';
```

airline_id	airline_code	airline_name	airline_country	created_at	updated_at
[PK] integer	character varying (30)	character varying (100)	character varying (100)	timestamp without time zone	timestamp without time zone

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Query Query History

```
1 -- 7
2 SELECT airline_name
3 FROM Airline
4 WHERE airline_country = 'Kazakhstan';
```

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airline_name
character varying (100)

✓ Successfully run. Total query runtime: 56 msec. 0 rows affected. ✕

Total rows: 0 Query complete 00:00:00.056

CRLF Ln 4, Col 38

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Query Query History

```
1 -- 8
2 UPDATE Booking
3 SET ticket_price = ticket_price * 0.9
4 WHERE created_at < '2023-11-01';
5
```

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UPDATE 0

Query returned successfully in 36 msec.

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Query Query History

```
1 -- 9
2 SELECT *
3 FROM Baggage
4 WHERE weight_in_kg > 25
5 ORDER BY weight_in_kg DESC
6 LIMIT 3;
```

Scratch Pad

Data Output Messages Notifications

SQL

baggage_id [PK] integer	weight_in_kg numeric (4,2)	created_at timestamp without time zone	updated_at timestamp without time zone	booking_id integer
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✓ Successfully run. Total query runtime: 48 msec. 0 rows affected. ✕

Total rows: 0 Query complete 00:00:00.048

CRLF Ln 6, Col 9

Query Query History

```
1 -- 10
2 SELECT first_name, last_name
3 FROM Passengers
4 ORDER BY date_of_birth DESC
5 LIMIT 1;
```

first_name	last_name
character varying (50)	character varying (50)

Welcome postgres/postgres... x postgres/postgres... x postgres/postgres@PostgreSQL 17* x

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Query Query History

```
1 -- 11
2 SELECT booking_platform, MIN(ticket_price) AS cheapest_price
3 FROM Booking
4 GROUP BY booking_platform;
5
```

Scratch Pad

Data Output Messages Notifications

SQL

booking_platform	cheapest_price
character varying (50)	numeric

```
1 -- 12
2 SELECT *
3 FROM Airline
4 WHERE airline_code ~ '[0-9]';
5
```

	airline_id [PK] integer	airline_code character varying (30)	airline_name character varying (100)	airline_country character varying (100)	created_at timestamp without time zone	updated_at timestamp without time zone
1	1	KZ001	KazAir	Turkey	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
2	2	FR001	AirEasy	France	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
3	3	BR001	FlyHigh	Brazil	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
4	4	PL001	FlyFly	Poland	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136

✓ Successfully run. Total query runtime: 69 msec. 4 rows affected. ✕

```
1
2  -- 13
3  SELECT *
4  FROM Airline
5  ORDER BY created_at DESC
6  LIMIT 5;
```

	airline_id [PK] integer	airline_code character varying (30)	airline_name character varying (100)	airline_country character varying (100)	created_at timestamp without time zone	updated_at timestamp without time zone
1	1	KZ001	KazAir	Turkey	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
2	2	FR001	AirEasy	France	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
3	3	BR001	FlyHigh	Brazil	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136
4	4	PL001	FlyFly	Poland	2025-10-21 00:50:13.521136	2025-10-21 00:50:13.521136

Query Query History

```
1
2
3  -- 14
4  SELECT *
5  FROM Baggage_check
6  WHERE booking_id BETWEEN 200 AND 300
7         AND check_result <> 'Checked';
8
```

baggage_check_id	check_result	created_at	updated_at	booking_id	passenger_id
[PK] integer	character varying (50)	timestamp without time zone	timestamp without time zone	integer	integer

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Query Query History

```
3
4
5
6
7
8
9 -- 15
10 SELECT *
11 FROM Baggage_check
12 WHERE DATE_TRUNC('month', created_at) = DATE_TRUNC('month', updated_at)
13 AND updated_at < created_at;
14
```

Scratch Pad

Data Output Messages Notifications

SQL

baggage_check_id [PK] integer	check_result character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone	booking_id integer	passenger_id integer
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