

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

1 select upper(airline_name) from airline

Execute query Alt F5

Ln, [Col]

Data Output Messages Notifications

Showing rows: 1 to 50 Page No: 1 of 1

	upper text
1	IPC
2	PDN
3	KLE
4	KHS
5	YLQ
6	NGL

Successfully run. Total query runtime: 49 msec. 50 rows affected.

Total rows: 50 Query complete 00:00:00.049 CRLF Ln 2, Col 1

15°C Sunny 12:13 PM 10/8/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Execute query
Alt F5

```
4 2  
5 update airline set airline_name = replace(airline_name, 'Air', 'Aero')  
6
```

Query Query History

Data Output Messages Notifications

UPDATE 50

Query returned successfully in 41 msec.

✓ Query returned successfully in 41 msec. ✕

Total rows: Query complete 00:00:00.041 CRLF Ln 5, Col 1

15°C Sunny 12:16 PM 10/8/2025

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Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

No limit

Execute query
Alt F5

Query Query History

```
6
7 3
8 select f1.flight_id from flights f1 join flights f2 on f1.flight_id = f2.flight_id
9 where f1.airline_id = 1 and f2.airline_id = 2
```

Data Output Messages Notifications

flight_id
[PK] integer

Successfully run. Total query runtime: 85 msec. 0 rows affected.

Total rows: 0 Query complete 00:00:00.085 CRLF Ln 8, Col 1

15°C Sunny 12:18 PM 10/8/2025

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Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

Query Query History

```
10
11 4
12 select airport_name from airport where airport_name like '%Reginal%' and airport_name like '%Air%'
```

Data Output Messages Notifications

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

	airport_name character varying (50)
1	Reginal Air

Total rows: 1 Query complete 00:00:00.075 CRLF Ln 11, Col 2

15°C Sunny 12:25 PM 10/8/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
13
14 5
15 select first_name, to_char(date_of_birth, 'Month DD, YYYY') formatted from passengers
```

Data Output Messages Notifications

Showing rows: 1 to 201 Page No: 1 of 1

	first_name character varying (50)	formatted text
1	Hilde	January 03, 2000
2	Arvy	June 09, 1974
3	Reinald	June 07, 1982
4	Con	October 17, 1986
5	Wayne	April 22, 1996
6	Tildy	April 15, 2004
7	Dude	July 07, 1985

Total rows: 201 Query complete 00:00:00.112 CRLF Ln 14, Col 3

15°C Sunny 12:26 PM 10/8/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* X

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
16
17 6
18 select flight_id, actual_arrival from flights where actual_arrival > scheduled_arrival
```

Data Output Messages Notifications

Showing rows: 1 to 509 Page No: 1 of 1

	flight_id [PK] integer	actual_arrival date
1	1	2023-11-07
2	2	2024-01-23
3	4	2023-04-07
4	8	2023-08-01
5	9	2023-12-03
6	12	2023-11-17
7	13	2023-11-08

Total rows: 509 Query complete 00:00:00.071

Successfully run. Total query runtime: 71 msec. 509 rows affected.

CRLF Ln 18, Col 87

15°C Sunny 12:29 PM 10/8/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17*

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
19
20 7
21 SELECT
22     first_name || ' ' || last_name AS full_name,
23     EXTRACT(YEAR FROM AGE(current_date, date_of_birth)) AS age,
24     CASE
25         WHEN EXTRACT(YEAR FROM AGE(current_date, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
26         WHEN EXTRACT(YEAR FROM AGE(current_date, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
27         ELSE 'Other'
28     END AS age_group
29 FROM
30     passengers;
```

Data Output Messages Notifications

Showing rows: 1 to 201 Page No: 1 of 1

	full_name text	age numeric	age_group text
1	Hilde Irmis	25	Young
2	Anvy Sparsholt	51	Adult
3	Reinald Pococke	43	Adult
4	Con Borrel	38	Adult
5	Wayne Bangs	29	Young
6	Tildy Sheckleford	21	Young
7	Byrle Oram	40	Adult
8	Howard Igo	41	Adult
9	Alphonso Philippou	50	Adult
10	Fairfax Needham	44	Adult
11	Vanda Prime	48	Adult
12	Terra Wimmer	48	Adult
13	Domenic Blaszczak	23	Young
14	Conrad Southerell	27	Young
15	Heloise Yulkin	30	Young

Total rows: 201 Query complete 00:00:00.064

CRLF Ln 30, Col 16

15°C Sunny

Search

12:35 PM 10/8/2025

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Welcome postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
26 WHEN EXTRACT(YEAR FROM AGE(current_date, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
27 ELSE 'Other'
28 END AS age_group
29 FROM
30 passengers;
31
32
33 8
34 Select booking_id, price,
35 case
36 when price < 1000 then 'cheap' when price between 1000 and 5000 then 'medium' else 'expensive' end as prices
37 from booking
```

Data Output Messages Notifications

Showing rows: 1 to 500 Page No: 1 of 1

	booking_id [PK] integer	price numeric (7,2)	prices text
1	2	4216.60	medium
2	3	5782.37	expensive
3	4	102.96	cheap
4	6	7813.55	expensive
5	7	1346.71	medium
6	9	7015.82	expensive
7	10	1668.38	medium
8	12	3283.89	medium
9	15	2559.77	medium
10	18	6594.51	expensive
11	21	1742.28	medium
12	22	5133.60	expensive
13	24	1959.02	medium
14	25	8182.40	expensive
15	26	407.09	cheap

Total rows: 500 Query complete 00:00:00.120

CRLF Ln 33, Col 2

15°C Sunny 12:38 PM 10/8/2025

pgAdmin 4

File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
33 8
34 Select booking_id, price,
35 case
36   when price < 1000 then 'cheap' when price between 1000 and 5000 then 'medium' else 'expensive' end as prices
37 from booking
38
39 9
40 select airline_country, count(airline_country) counted from airline group by airline_country
```

Data Output Messages Notifications

Showing rows: 1 to 26 Page No: 1 of 1

	airline_country character varying (50)	counted bigint
1	Yemen	1
2	Argentina	1
3	Indonesia	2
4	Sudan	1
5	Venezuela	1
6	Hungary	1
7	Slovenia	1
8	Greece	1
9	China	10
10	Russia	4
11	Georgia	1
12	Iran	1
13	Sweden	1
14	France	3
15	Peru	1
16	Brazil	3
17	Senegal	1

Total rows: 26 Query complete 00:00:00.139

Successfully run. Total query runtime: 139 msec. 26 rows affected.

CRLF Ln 39, Col 2

15°C Sunny 12:40 PM 10/8/2025

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File Object Tools Edit View Window Help

Welcome postgres/postgres@PostgreSQL 17* x

postgres/postgres@PostgreSQL 17

Query Query History

```
when price < 2000 then cheap when price between 2000 and 3000 then medium else expensive end as price;
37 from booking
38
39 9
40 select airline_country, count(airline_country) counted from airline group by airline_country
41
42 10
43
44 select flight_id, actual_arrival, scheduled_arrival from flights where actual_arrival > scheduled_arrival
```

Data Output Messages Notifications

Showing rows: 1 to 509 Page No: 1 of 1

	flight_id [PK] integer	actual_arrival date	scheduled_arrival date
1	1	2023-11-07	2023-09-08
2	2	2024-01-23	2023-09-17
3	4	2023-04-07	2023-03-18
4	8	2023-08-01	2023-04-08
5	9	2023-12-03	2023-09-19
6	12	2023-11-17	2023-06-04
7	13	2023-11-09	2023-06-02
8	18	2023-07-21	2023-03-30
9	20	2024-03-06	2024-01-22
10	22	2024-01-04	2023-10-11
11	27	2023-12-23	2023-05-24
12	30	2023-10-23	2023-07-14
13	32	2023-10-01	2023-06-06
14	33	2024-01-16	2023-11-29
15	34	2024-02-21	2023-10-20
16	36	2023-08-21	2023-05-06
17	39	2023-07-04	2023-06-05

Total rows: 509 Query complete 00:00:00.112

Successfully run. Total query runtime: 112 msec. 509 rows affected.

CRLF Ln 43, Col 1

15°C Sunny 12:42 PM 10/8/2025