

pgAdmin 4

File Object Tools Edit View Window Help

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

postgres/postgres@PostgreSQL 17

Query Query History Scratch Pad x

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

Data Output Messages Notifications

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

	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
1	211	Batyrzhan	Batyrzhan	1995-05-15	male	Kazakhstan	Kazakhstan	AB1234567	2025-09-30 19:18:26.657365	2025-09-30 19:18:26.657365
2	212	John	John	1998-08-18	Male	USA	USA	US12365478	2025-09-30 19:19:59.455504	2025-09-30 19:19:59.455504
3	213	Hernandez	Hernandez	1997-07-17	Male	Spain	Spain	SP12894576	2025-09-30 19:20:55.826227	2025-09-30 19:20:55.826227
4	214	Ali	Ali	1996-06-16	Male	UAE	UAE	UE1234967	2025-09-30 19:22:22.733637	2025-09-30 19:22:22.733637
5	215	Omar	Omar	1993-03-13	Male	Turkey	Turkey	TU1234967	2025-09-30 19:23:03.826051	2025-09-30 19:23:03.826051
6	216	Anna	Anna	1992-02-03	Female	England	England	EN12864975	2025-09-30 19:24:04.784367	2025-09-30 19:24:04.784367
7	217	Sofia	Sofia	1999-09-09	Female	Sweden	England	SW12866195	2025-09-30 19:26:30.521873	2025-09-30 19:26:30.521873
8	218	Darerka	Darerka	1991-09-07	Female	Kanada	USA	KN546345	2025-09-30 19:28:22.925225	2025-09-30 19:28:22.925225
9	219	Florence	Florence	2000-05-02	Female	Italy	Swizerland	IT6491575	2025-09-30 19:29:25.835907	2025-09-30 19:29:25.835907
10	220	Fernanda	Fernanda	2000-08-06	Female	Mexica	Mexica	ME6476135	2025-09-30 19:30:31.549884	2025-09-30 19:30:31.549884

Successfully run. Total query runtime: 165 msec. 10 rows affected.

Total rows: 10 Query complete 00:00:00.165 CRLF Ln 2, Col 30

Select all the data of passengers whose last name is same as first name.

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Query Query History Scratch Pad

```
1 SELECT DISTINCT last_name
2 FROM Passengers;
```

Data Output Messages Notifications

Showing rows: 1 to 211 Page No: 1 of 1

	last_name character varying (50)
1	LN_c40545
2	LN_2eefcb
3	LN_805ccf
4	LN_a7053f
5	LN_a6dbe0
6	LN_306425
7	LN_35713a
8	LN_3b6a5a
9	LN_464653
10	LN_4de70f
11	LN_118503
12	LN_7ef765
13	LN_e7470d
14	LN_ef7b0c

Successfully run. Total query runtime: 190 msec. 211 rows affected.

Total rows: 211 Query complete 00:00:00.190 CRLF Ln 2, Col 17

Select the last name of all passengers without duplicates.

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Query Query History Scratch Pad

```
1 SELECT * FROM Passengers
2 WHERE gender = 'Male' AND date_of_birth >= '1990-01-01' AND date_of_birth <= '2000-12-31';
```

Data Output Messages Notifications

Showing rows: 1 to 37 Page No: 1 of 1

	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
1	4	FN_203e3d	LN_e0999c	2000-06-11	Male	Cit_215d56	Res_09a585	BB4BF68D	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
2	9	FN_e54072	LN_d80d84	1995-12-22	Male	Cit_ceb88d	Res_a351e9	E896A383	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
3	46	FN_283335	LN_9a8a62	1995-03-26	Male	Cit_1ed123	Res_7e8c3d	A9672541	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
4	57	FN_11d1c1	LN_26ef44	1996-02-04	Male	Cit_87bfea	Res_c9c5c4	703CC222	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
5	67	FN_9b4b48	LN_663220	1993-04-19	Male	Cit_06d9e0	Res_6b1079	F3C1915A	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
6	81	FN_b02282	LN_398bfb	1991-07-29	Male	Cit_de96f2	Res_49ac4b	23017FB4	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
7	90	FN_9ad875	LN_56ebaa	2000-04-21	Male	Cit_9e7f36	Res_63808e	13197830	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
8	91	FN_396dbc	LN_464653	1993-04-24	Male	Cit_c7846a	Res_e8e654	535369E0	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
9	93	FN_612a68	LN_2d5ee6	1995-06-23	Male	Cit_7c45af	Res_b94bdb	7B088959	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
10	98	FN_358420	LN_1cab18	1996-08-03	Male	Cit_6faa25	Res_dfcebd	EDF4103A	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
11	102	FN_f9d10f	LN_701378	1994-05-01	Male	Cit_7374cf	Res_511d6a	9A34D3F2	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
12	106	FN_25e3b3	LN_a37907	1996-03-11	Male	Cit_3b396c	Res_fe5685	DF113171	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
13	126	FN_0d947e	LN_14d8c3	1997-08-03	Male	Cit_afc047	Res_7dc22b	023AF930	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638
14	132	FN_0aca8e	LN_1ec8aa	1995-10-14	Male	Cit_41f07e	Res_0c68d7	9AA3E20C	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638

✓ Successfully run. Total query runtime: 190 msec. 37 rows affected. ✕

Total rows: 37 Query complete 00:00:00.190 CRLF Ln 2, Col 91

Find all male passengers born between 1990 and 2000.

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Query Query History Scratch Pad

```
1 SELECT DATE_TRUNC('month', created_at) AS sale_month, SUM(ticket_price) AS total_monthly_price
2 FROM Booking
3 GROUP BY sale_month
4 ORDER BY sale_month;
```

Data Output Messages Notifications

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

	sale_month timestamp without time zone	total_monthly_price numeric
1	2025-09-01 00:00:00	110404.98

✓ Successfully run. Total query runtime: 106 msec. 1 rows affected. ✕

Total rows: 1 Query complete 00:00:00.106 CRLF Ln 4, Col 21

Find price of tickets sold for each month in sorted way.

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No limit

QueryQuery History

Scratch Pad

1SELECT airline_name, airline_country, created_at

2FROM Airline

3WHERE airline_country IN ('France', 'Portugal', 'Poland') AND created_at BETWEEN '2023-11-01 00:00:00' AND '2024-03-31 23:59:59'

4ORDER BY created_at;

Data OutputMessagesNotifications

SQL

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

	airline_name character varying (50)	airline_country character varying (50)	created_at timestamp without time zone
1	Air France	France	2023-11-15 10:00:00
2	TAP Air Portugal	Portugal	2024-01-20 12:30:00
3	Corsair International	France	2024-02-10 15:00:00
4	LOT Polish Airlines	Poland	2024-03-01 09:00:00

✓ Successfully run. Total query runtime: 201 msec. 4 rows affected. ✕

Total rows: 4Query complete 00:00:00.201CRLF Ln 4, Col 21

Show airlines from any of: ('France','Portugal','Poland') created between '2023-11-01' and '2024-03-31'.

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Query Query History Scratch Pad

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

Data Output Messages Notifications

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

	airline_name character varying (50)
1	Air Astana

✓ Successfully run. Total query runtime: 196 msec. 1 rows affected. ✕

Total rows: 1 Query complete 00:00:00.196 CRLF Ln 3, Col 38

Find all airline names based in Kazakhstan.

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Query Query History Scratch Pad

```
1 UPDATE Booking
2 SET ticket_price = ticket_price * 0.90, updated_at = now()
3 WHERE created_at < '2025-09-01';
```

Data Output Messages Notifications

UPDATE 0

Query returned successfully in 119 msec.

Total rows: Query complete 00:00:00.119 CRLF Ln 2, Col 12

Reduce the cost of booking price by 10% created before '11-01-2023'.

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No limit

Query Query History Scratch Pad

```
1 SELECT baggage_id, weight_in_kg, booking_id
2 FROM Baggage
3 WHERE weight_in_kg > 25.00
4 ORDER BY weight_in_kg DESC
5 LIMIT 3;
```

Data Output Messages Notifications

Showing rows: 1 to 3 Page No: 1 of 1

	baggage_id [PK] integer	weight_in_kg numeric (4,2)	booking_id integer
1	104	39.64	22
2	150	39.61	22
3	160	39.60	22

✓ Successfully run. Total query runtime: 154 msec. 3 rows affected. ✕

Total rows: 3 Query complete 00:00:00.154 CRLF Ln 5, Col 23

Find top3 overweighted baggage with more than 25kg.

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Query Query History Scratch Pad ×

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

Data Output Messages Notifications

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

	first_name character varying (50)	last_name character varying (50)
1	Damir	Samatov

✓ Successfully run. Total query runtime: 137 msec. 1 rows affected. ✕

Total rows: 1 Query complete 00:00:00.137 CRLF Ln 4, Col 9

Find the youngest passengers' full name.

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Query Query History Scratch Pad

```
1 SELECT booking_platform, MIN(ticket_price) AS cheapest_price
2 FROM Booking
3 GROUP BY booking_platform
4 ORDER BY cheapest_price ASC;
```

Data Output Messages Notifications

Showing rows: 1 to 133 Page No: 1 of 1

	booking_platform character varying (50)	cheapest_price numeric
1	Platform_4dcd49	503.86
2	Platform_6f03a0	511.50
3	Platform_9ab26d	513.73
4	Platform_55f4ad	524.64
5	Platform_af1bba	538.59
6	Platform_e06d9a	545.32
7	Platform_8d7991	549.16
8	Platform_e91237	553.24
9	Platform_796b7e	558.69
10	Platform_3b7e24	567.46
11	Platform_45f3df	572.96
12	Platform_4957c2	582.57
13	Platform_10eb53	583.80
14	Platform_44fa22	601.09

✓ Successfully run. Total query runtime: 169 msec. 133 rows affected. ✕

Total rows: 133 Query complete 00:00:00.169 CRLF Ln 4, Col 29

Find the cheapest booking price on each booking platform.

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postgres/postgres@PostgreSQL 17

Query Query History Scratch Pad

```
1 SELECT airline_name, airline_code
2 FROM Airline
3 WHERE airline_code ~ '\d';
```

Data Output Messages Notifications

Showing rows: 1 to 191 Page No: 1 of 1

	airline_name character varying (50)	airline_code character varying (30)
1	Air_4cbc79	C51
2	Air_044c66	890
3	Air_271be5	0A8
4	Air_857df2	724
5	Air_3c6463	357
6	Air_2b2662	934
7	Air_9b67ce	660
8	Air_7cbbd3	C93
9	Air_b7e9af	3DC
10	Air_e28cbc	3D7
11	Air_47ef6e	BD2
12	Air_bf769a	760
13	Air_d0c288	E82
14	Air_4daffc	69C

✓ Successfully run. Total query runtime: 153 msec. 191 rows affected. ✕

Total rows: 191 Query complete 00:00:00.153 CRLF Ln 3, Col 27

Return airlines whose airline_code contains a digit.

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postgres/postgres@PostgreSQL 17

Query Query History Scratch Pad

```
1 SELECT airline_name, airline_code, created_at
2 FROM Airline
3 ORDER BY created_at DESC
4 LIMIT 5;
```

Data Output Messages Notifications

Showing rows: 1 to 5 Page No: 1 of 1

	airline_name character varying (50)	airline_code character varying (30)	created_at timestamp without time zone
1	Air_271be5	0A8	2025-09-23 21:33:52.752638
2	Air_857df2	724	2025-09-23 21:33:52.752638
3	Air_044c66	890	2025-09-23 21:33:52.752638
4	Air_4cbc79	C51	2025-09-23 21:33:52.752638
5	Air_3c6463	357	2025-09-23 21:33:52.752638

✓ Successfully run. Total query runtime: 160 msec. 5 rows affected.

Total rows: 5 Query complete 00:00:00.160 CRLF Ln 3, Col 26

List the top5 most recently created airlines.

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Query Query History Scratch Pad

```
1 SELECT *
2 FROM Security_check
3 WHERE security_check_id BETWEEN 100 AND 200 AND check_result = 'Clear';
```

Data Output Messages Notifications

Showing rows: 1 to 96 Page No: 1 of 1

	security_check_id [PK] integer	check_result character varying (20)	created_at timestamp without time zone	updated_at timestamp without time zone	passenger_id integer
1	100	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
2	101	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
3	102	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
4	103	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
5	104	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
6	105	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
7	106	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
8	107	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
9	108	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
10	109	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
11	110	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
12	112	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
13	113	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121
14	114	Clear	2025-09-23 21:33:52.752638	2025-09-23 21:33:52.752638	121

✓ Successfully run. Total query runtime: 220 msec. 96 rows affected.

Total rows: 96 Query complete 00:00:00.220 CRLF Ln 1, Col 9

Return

all rows where security_check_id is between 100 and 200 inclusive and check_result is clear