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lab3/postgres@PostgreSQL 18

Query

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

Query History

Data Output Messages Notifications

passenger_id	first_name	last_name	date_of_birth	gender	country_of_citizenship	country_of_residence	passport_number	created_at
--------------	------------	-----------	---------------	--------	------------------------	----------------------	-----------------	------------

Total rows: 0 Query complete 00:00:00.080

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public.flights/airp... X public.airport/airp... X airport\_database/... X public.passengers... X lab3/postgres@PostgreSQL 18\* X public.passengers... X

lab3/postgres@PostgreSQL 18

Query Query History

```
1 --2
2 SELECT DISTINCT last_name FROM passengers;
3
```

Data Output Messages Notifications

Showing rows: 1 to 199 Page No: 1 of 1

	last_name character varying (50)
29	Bagby
30	Deacon
31	Shambroke
32	Fawke
33	Grunwall
34	Fochs
35	Leith-Harvey
36	Needham
37	Apperley
38	Scimoni
39	Robbie
40	Siene
41	Le feaver
42	Laydon
43	Jurries
44	Schukert
45	Huison

Total rows: 199 Query complete 00:00:00.113

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Query Query History

```
1 --3
2 SELECT * FROM passengers
3 WHERE gender = 'M'
4 AND EXTRACT(YEAR FROM date_of_birth) BETWEEN 1998 AND 2008;
5
6
```

Data Output Messages Notifications

passenger_id	first_name	last_name	date_of_birth	gender	country_of_citizenship	country_of_residence	passport_number	created_at	update_at
--------------	------------	-----------	---------------	--------	------------------------	----------------------	-----------------	------------	-----------

Total rows: 0 Query complete 00:00:00.085

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      - passenger\_id
      - booking\_platform
      - created\_at
      - update\_at
      - status
      - price
    - > Constraints
    - > Indexes
    - > RLS Policies
    - > Rules
    - > Triggers
    - > booking\_flight
    - > flights

lab3/postgres@PostgreSQL 18

Query Query History

```
1  --4
2  SELECT
3      EXTRACT(YEAR FROM created_at) AS year,
4      EXTRACT(MONTH FROM created_at) AS month,
5      SUM(price) AS total_price
6  FROM booking
7  GROUP BY
8      EXTRACT(YEAR FROM created_at),
9      EXTRACT(MONTH FROM created_at)
10 ORDER BY year, month;
11
```

Data Output Messages Notifications

Showing rows: 1 to 13 Page No: 1 of 1

	year numeric	month numeric	total_price numeric
1	2023	3	139765.35
2	2023	4	216584.89
3	2023	5	186625.45
4	2023	6	159352.90
5	2023	7	142833.23
6	2023	8	191913.37
7	2023	9	112058.37
8	2023	10	178302.00
9	2023	11	184333.41
10	2023	12	219119.78
11	2024	1	306355.62

Total rows: 13 Query complete 00:00:00.264

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      - booking\_id
      - passenger\_id
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      - update\_at
      - status
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lab3/postgres@PostgreSQL 18

Query Query History

```
1 --5
2 SELECT * FROM flights where flight_no like 'CN%'
3
```

Data Output Messages Notifications

Showing rows: 1 to 38 Page No: 1 of 1

	flight_id [PK] integer	flight_no character varying (50)	scheduled_departure date	scheduled_arrival date	departure_airport_id integer	arrival_airport_id integer	departing_gate character varying (50)	arriving_gate character varying (50)	airline integer
1	23	CN-65	2023-03-21	2024-01-08	2	3	934	3006	
2	57	CN-51	2024-02-20	2023-11-15	1	3	1620	7	
3	76	CN-65	2023-08-30	2023-08-03	16	19	4672	3900	
4	95	CN-23	2023-03-21	2023-08-10	10	10	[null]	37	
5	98	CN-53	2023-08-28	2023-11-08	16	20	3810	778	
6	104	CN-21	2023-08-01	2023-11-29	19	16	107	538	
7	116	CN-42	2023-09-25	2023-11-12	4	2	673	45	
8	211	CN-32	2023-10-14	2023-06-27	13	1	[null]	3275	
9	252	CN-62	2023-08-07	2023-12-10	3	5	5280	5403	
10	329	CN-15	2024-01-30	2023-12-14	17	12	3556	247	
11	350	CN-41	2023-03-20	2023-09-28	7	1	450	80	
12	377	CN-51	2024-03-04	2023-06-14	2	8	14042	89	
13	411	CN-45	2023-05-24	2023-08-28	12	19	89	3635	
14	415	CN-51	2023-08-27	2023-08-30	20	16	5112	4459	
15	425	CN-52	2024-02-03	2023-06-27	19	13	4150	46	
16	431	CN-37	2023-07-01	2023-03-29	19	10	145	4400	

Total rows: 38 Query complete 00:00:00.161

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/airp... x public.airport/airp... x airport\_database/... x public.passengers... x public.passengers... x lab3/postgres@PostgreSQL 18\* x public.airline/airpo... x

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No limit

Query Query History

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

Data Output Messages Notifications

Showing rows: 1 to 7 Page No: 1 of 1

	airline_id [PK] integer	airline_code character varying (50)	airline_name character varying (50)	airline_country character varying (50)	created_at date	update_at date
1	4	OOKB	KHS	France	2023-11-18	2024-02-18
2	13	OIFE	IFH	Portugal	2024-01-09	2023-11-09
3	15	SYKZ	KKG	Poland	2023-12-24	2023-10-30
4	24	ZSRG	RUG	Portugal	2024-03-11	2023-08-24
5	28	RKPD	JDG	Poland	2023-11-03	2023-12-06
6	30	CYST	YST	Poland	2023-11-24	2023-10-07
7	43	AYKM	KMA	France	2023-11-21	2023-05-30

Total rows: 7 Query complete 00:00:00.110

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No limit

Query Query History

```
1 --7
2 SELECT airline_name 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	YLO

Total rows: 1 Query complete 00:00:00.082

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lab3/postgres@PostgreSQL 18

No limit

Query Query History

```
1 --7
2 SELECT airline_name 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	YLO

Total rows: 1 Query complete 00:00:00.082

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/airp... X public.airport/airp... X airport\_database/... X public.passengers... X public.passengers... X lab3/postgres@PostgreSQL 18\* X public.baggage/air... X

lab3/postgres@PostgreSQL 18

No limit

Query Query History

```
1 --9
2 SELECT * FROM baggage
3 WHERE weight_in_kg > 25
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)	created_date date	update_date date	booking_id integer	
1	321	49.80	2023-07-47	2023-11-10	349
2	61	49.57	2023-04-21	2023-07-31	464
3	102	49.44	2024-01-24	2023-11-01	53

Total rows: 3 Query complete 00:00:00.072

Successfully run. Total query runtime: 72 msec. 3 rows affected.

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/airp... x public.airport/airp... x airport\_database/... x public.passengers... x public.passengers... x lab3/postgres@PostgreSQL 18\* x public.baggage/air... x

lab3/postgres@PostgreSQL 18

Query Query History

```
1 --10
2 SELECT CONCAT(first_name, ' ', last_name) as full_name
3 FROM passengers
4 ORDER BY date_of_birth DESC
5 LIMIT 1;
```

Data Output Messages Notifications

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

	full_name text
1	Bernie Michal

Total rows: 1 Query complete 00:00:00.052

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lab3/postgres@PostgreSQL 18

Query Query History

```
1 --11
2 SELECT booking_platform, MIN(price) as cheapest_price
3 FROM booking
4 GROUP BY booking_platform;
```

Data Output Messages Notifications

Showing rows: 1 to 494 Page No: 1 of 1

	booking_platform character varying (50)	cheapest_price numeric
1	Schmitt-Quigley	4966.58
2	Rohan, Hamill and Bosco	6406.96
3	Kutch-Russel	1902.11
4	Veum-Corwin	2183.14
5	Wolff, Wuckert and Satterfield	4911.89
6	Reichel, Deckow and Quitzon	8389.34
7	Murazik-Gulgowski	855.72
8	Cole, Corwin and Leannon	8735.70
9	Franecki, Dickens and Walsh	283.78
10	McLaughlin, Sipes and Abernathy	6741.51
11	Leffler-Thompson	2559.77
12	Raynor Inc.	410.47
13	Waelchi Inc.	3325.47
14	Renner, Weber and Wilkinson	4230.67
15	Langworth-Osinski	4982.91
16	Will LLC	6462.07

Total rows: 494 Query complete 00:00:00.143

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lab3/postgres@PostgreSQL 18

Query

```
--12
SELECT * FROM airline
WHERE airline_code ~ '[0-9]';
```

Data Output Messages Notifications

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

airline_id [PK] integer	airline_code character varying (50)	airline_name character varying (50)	airline_country character varying (50)	created_at date	update_at date
1	22 2AK6	HGZ	Philippines	2024-03-13	2023-10-20

Total rows: 1 Query complete 00:00:00.118

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lab3/postgres@PostgreSQL 18

Query

```
--13
SELECT * FROM airline
ORDER BY created_at DESC
LIMIT 5;
```

Data Output Messages Notifications

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

	airline_id [PK] integer	airline_code character varying (50)	airline_name character varying (50)	airline_country character varying (50)	created_at date	update_at date
1	9	KNQX	NQX	Venezuela	2024-03-16	2023-09-16
2	40	LTBD	CII	Argentina	2024-03-15	2024-01-29
3	22	2AK6	HGZ	Philippines	2024-03-13	2023-10-20
4	24	ZSRG	RUG	Portugal	2024-03-11	2023-08-24
5	45	HCMV	BU0	Sweden	2024-02-18	2023-12-10

Total rows: 5 Query complete 00:00:00.150

Successfully run. Total query runtime: 150 msec. 5 rows affected.

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lab3/postgres@PostgreSQL 18

Query

```
--14
SELECT * FROM baggage_check
WHERE booking_id BETWEEN 200 AND 300
AND check_result <> 'Checked';
```

Data Output Messages Notifications

Showing rows: 1 to 56 Page No: 1 of 1

	baggage_check_id [PK] integer	check_result character varying (50)	created_at date	update_at date	booking_id integer	passenger_id integer
1	7	Not checked	2023-05-04	2023-04-29	226	44
2	12	Not checked	2023-10-02	2023-06-22	288	133
3	22	Not checked	2023-06-14	2023-11-10	246	101
4	23	Not checked	2023-05-29	2023-06-02	284	22
5	24	Not checked	2024-02-17	2023-10-03	267	68
6	25	Not checked	2024-01-20	2023-06-10	237	140
7	61	Not checked	2023-06-12	2023-11-05	279	195
8	73	Not checked	2023-12-02	2023-05-28	274	187
9	75	Not checked	2023-11-03	2023-12-03	300	130
10	83	Not checked	2023-10-04	2023-04-26	259	63
11	91	Not checked	2023-05-21	2023-09-03	234	76
12	92	Not checked	2024-01-26	2023-04-07	260	154
13	107	Not checked	2024-03-06	2023-05-01	218	188
14	110	Not checked	2023-07-16	2024-02-09	256	109
15	124	Not checked	2023-09-10	2024-01-09	226	24
16	152	Not checked	2023-08-23	2023-07-25	250	154

Total rows: 56 Query complete 00:00:00.142

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lab3/postgres@PostgreSQL 18

Query

```
--15
SELECT * FROM baggage_check
WHERE EXTRACT(MONTH FROM update_at) = EXTRACT(MONTH FROM created_at)
AND EXTRACT(YEAR FROM update_at) = EXTRACT(YEAR FROM created_at)
AND update_at < created_at;
```

Data Output Messages Notifications

Showing rows: 1 to 18 Page No: 1 of 1

	baggage_check_id [PK] integer	check_result character var	created_at date	update_at date	booking_id integer	passenger_id integer
1	34	Checked	2023-04-25	2023-04-08	28	57
2	86	Checked	2023-12-25	2023-12-07	312	22
3	104	Checked	2024-03-17	2024-03-14	41	83
4	109	Not checked	2023-08-30	2023-08-09	469	91
5	119	Not checked	2023-12-02	2023-12-01	135	55
6	148	Checked	2024-03-17	2024-03-16	86	5
7	219	Checked	2023-04-17	2023-04-14	233	200
8	248	Not checked	2023-06-22	2023-06-09	449	60
9	251	Not checked	2023-06-19	2023-06-16	260	26
10	299	Checked	2023-04-26	2023-04-08	385	191
11	304	Not checked	2023-07-29	2023-07-22	210	10
12	396	Not checked	2023-07-13	2023-07-01	37	144
13	412	Not checked	2023-09-30	2023-09-27	347	70
14	423	Not checked	2024-02-22	2024-02-10	449	148
15	444	Not checked	2023-05-18	2023-05-02	282	59
16	455	Not checked	2023-12-31	2023-12-05	321	159

Total rows: 18 Query complete 00:00:00.159

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