



...

Scratch Pad ✕

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	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 (50)
1	333	John	John	1899-02-20	Male	USA	Kazakhstan	753639288

✓ Successfully run. Total query runtime: 127 msec. 1 rows affected. ✗

Total rows: 1 Query complete 00:00:00.127

LF Ln 1, Col 10

	first_name character varying (50) 🔒
1	Andriette
2	Leonard
3	Andrew
4	Aggi
5	Layne

pgAdmin 4

FileObjectToolsEditViewWindowHelp

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boarding_pass

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booking_flight

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Columns (10)

passenger_id

first_name

last_name

date_of_birth

gender

country_of_citizenship

country_of_residence

passport_number

created_at

update_at

Constraints

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

```
1 SELECT *
2 FROM passengers
3 WHERE EXTRACT(YEAR FROM date_of_birth) BETWEEN 1990 AND 2000
4 AND gender = 'Male';
5
```

Data Output

Messages

Notifications

Showing rows: 1 to 23

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	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 character
1	5	Wayne	Bangs	1996-04-22	Male	Bosnia and Herzegovi...	Canada	5125887
2	14	Conrad	Southerell	1998-01-25	Male	France	Japan	7658172
3	17	Wood	Yve	1997-01-18	Male	Latvia	China	9850233
4	26	Warden	Huett	2000-11-04	Male	Brazil	Portugal	3893930
5	62	Peyton	Durnian	1993-09-16				

Successfully run. Total query runtime: 266 msec. 23 rows affected.

Total rows: 23

Query complete 00:00:00.266

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

```
1 SELECT
2     DATE_TRUNC('month', created_at) AS month,
3     SUM(ticket_price) AS total_sales
4 FROM booking
5 GROUP BY month
6 ORDER BY month;
7
```

Scratch Pad

Data Output Messages Notifications

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

	month timestamp with time zone	total_sales numeric
1	2023-03-01 00:00:00+06	178589.05
2	2023-04-01 00:00:00+06	276747.34
3	2023-05-01 00:00:00+06	238465.82
4	2023-06-01 00:00:00+06	203617.57
5	2023-07-01 00:00:00+06	182509.15

Total rows: 13 Query complete 00:00:00.088

Successfully run. Total query runtime: 88 msec. 13 rows affected.

LF Ln 7, Col 1

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Columns (14)

flight_id

flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

actual_departure

actual_arrival

created_at

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

```
1 select * from flights where flight_no like '%-CHI'
```

Data Output

Messages

Notifications

Showing rows: 1 to 2

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	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 text	arriving_gate character varying (50)
1	7777	USA-CHI	2024-05-12	2024-05-12	6	11	776	986
2	123321	KZ-CHI	2024-05-12	2024-05-12	6	11	776	986

✓ Successfully run. Total query runtime: 96 msec. 2 rows affected. ✗

Total rows: 2 | Query complete 00:00:00.096 | LF | Ln 1, Col 50

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

1 at between '2023-11-01' and '2024-03-31' and airline_country in ('France', 'Portugal', 'Poland')

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 2023-11-02 2023-12-06

6 30 CYST YST Poland

Total rows: 7 Query complete 00:00:00.097

Successfully run. Total query runtime: 97 msec. 7 rows affected.

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airport_database/postgres@labwork

No limit

Query Query History

Scratch Pad

1 select * from airline where airline_country = 'Kazakhstan'

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 5 CYLQ YLQ Kazakhstan 2023-03-23 2023-07-26

Successfully run. Total query runtime: 136 msec. 1 rows affected.

Total rows: 1 Query complete 00:00:00.136

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airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

```
1 update booking
2 set ticket_price = ticket_price*0.9,
3   update_at = now()
4 where created_at < '2023-11-01'
```

Data Output

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UPDATE 300

Query returned successfully in 96 msec.

Total rows: Query complete 00:00:00.096

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Query returned successfully in 96 msec.

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airport_database/postgres@labwork

No limit

Query Query History

```
1 SELECT baggage_id, weight_in_kg
2 FROM baggage
3 WHERE weight_in_kg > 25
4 ORDER BY weight_in_kg DESC
5 LIMIT 3;
6
```

Scratch Pad

Data Output Messages Notifications

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

	baggage_id [PK] integer	weight_in_kg numeric (4,2)
1	321	49.80
2	61	49.57
3	102	49.44

Total rows: 3 Query complete 00:00:00.081

✓ Successfully run. Total query runtime: 81 msec. 3 rows affected. ✕

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airport_database/postgres@labwork

Query Query History

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

first_name	last_name	date_of_birth
Bernie	Michal	2009-11-03

Data Output Messages Notifications

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

first_name	last_name	date_of_birth
character varying (50)	character varying (50)	date
1	Bernie	Michal
		2009-11-03

Total rows: 1 Query complete 00:00:00.110

Successfully run. Total query runtime: 110 msec. 1 rows affected.

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

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

Scratch Pad

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	5711.57
2	Rohan, Hamill and Bosco	7368.00
3	Kutch-Russel	2187.43
4	Veum-Corwin	2510.61
5	Wolff, Wuckert and Satterfield	5648.67
6	Reichel, Deckow and Quitzon	9647.74

Total rows: 494 Query complete 00:00:00.130

Successfully run. Total query runtime: 130 msec. 494 rows affected.

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

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

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	22	2AK6	HGZ	Philippines	2024-03-13	2023-10-20
2	2345	KZ001	KazAir	Turkey	2025-09-30	2025-09-30
3	2334	FR001	AirEasy	France	2025-09-30	2025-09-30
4	24234	BR001	FlyHigh	Brazil	2025-09-30	2025-09-30
5	2534	PL001	FlyFly	Poland	2025-09-30	2025-09-30

Total rows: 5 Query complete 00:00:00.130

✓ Successfully run. Total query runtime: 130 msec. 5 rows affected. ✗

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

```
1 SELECT *
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_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	2534	PL001	FlyFly	Poland	2025-09-30	2025-09-30
2	2334	FR001	AirEasy	France	2025-09-30	2025-09-30
3	2345	KZ001	KazAir	Turkey	2025-09-30	2025-09-30
4	24234	BR001	FlyHigh	Brazil	2025-09-30	2025-09-30
5	9	KNQX	NQX	Venezuela	2024-02-16	2023-09-16

Total rows: 5 Query complete 00:00:00.130

Successfully run. Total query runtime: 130 msec. 5 rows affected.

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

```
1 SELECT *
2 FROM baggage_check
3 WHERE booking_id BETWEEN 200 AND 300
4     AND check_result <> 'Checked';
5
```

Scratch Pad

Data Output Messages Notifications

	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	247	40
6	25	Not checked	2024-01-20	2023-06-10		
Total rows: 56						

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

Query complete 00:00:00.159

Successfully run. Total query runtime: 159 msec. 56 rows affected.

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airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

Scratch Pad

1 SELECT *

2 FROM baggage_check

3 WHERE DATE_TRUNC('month', update_at) = DATE_TRUNC('month', created_at)

4 AND update_at < created_at;

5

Data Output Messages Notifications

Showing rows: 1 to 18

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 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 88

6 148 Checked 2024-03-17 2024-03-16 135 88

Total rows: 18 Query complete 00:00:00.100

Successfully run. Total query runtime: 100 msec. 18 rows affected.

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