

Object Lab8.sql

Servers (2) airport/postgres@PostgreSQL 17 No limit

Databases (2) airport

Query History

5415 ----- Lab 8
5416 -- 1
5417 CREATE VIEW flights_on_spec_date AS
5418 SELECT * FROM flights WHERE scheduled_departure = '2023-11-03';

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 51 msec.

Total rows: Query complete 00:00:00.051 CRLF Ln 5417, Col 1

✓ Query returned successfully in 51 msec.



Lab8.sql x

airport/postgres@PostgreSQL 17



No limit



?



Servers (2)

- PostgreSQL 17
 - Databases (2)
 - airport
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - postgres
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - Login/Group Roles
 - Tablespaces
 - PostgreSQL 18

Query Query History

```
5421 -- 2
5422 CREATE VIEW flights_next_week AS
5423 SELECT * FROM flights WHERE EXTRACT(YEAR FROM scheduled_departure) = 2025
5424 AND EXTRACT(MONTH FROM scheduled_departure) = 11
5425 AND EXTRACT(DAY FROM scheduled_departure) >= 24;
```

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 36 msec.

Query returned successfully in 36 msec.

Total rows:

Query complete 00:00:00.036

CRLF

Ln 5422, Col 1



Lab8.sql x

airport/postgres@PostgreSQL 17



No limit



?

Servers (2)

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 - PostgreSQL 18

Query Query History

```
5427 -- 3
5428 CREATE VIEW most_popular_flights AS
5429   SELECT f.departure_airport_id, f.arrival_airport_id, COUNT(b.booking_id) AS total_bookings
5430     FROM flights f JOIN booking_flight bf ON f.flight_id = bf.flight_id
5431       JOIN booking b ON bf.booking_id = b.booking_id
5432   GROUP BY f.departure_airport_id, f.arrival_airport_id ORDER BY COUNT(b.booking_id) DESC LIMIT 5;
```

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 35 msec.

✓ Query returned successfully in 35 msec. ✘

Total rows:

Query complete 00:00:00.035

CRLF

Ln 5428, Col 1



Servers (2)

PostgreSQL 17

Databases (2)

airport

- > Casts
- > Catalogs
- > Event Triggers
- > Extensions
- > Foreign Data Wrappers
- > Languages
- > Publications
- > Schemas
- > Subscriptions

postgres

- > Casts
- > Catalogs
- > Event Triggers
- > Extensions
- > Foreign Data Wrappers
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- > Publications
- > Schemas
- > Subscriptions

Login/Group Roles

Tablespaces

PostgreSQL 18

airport/postgres@PostgreSQL 17



No limit



Query

Query History

5434

-- 4

5435 CREATE VIEW flights_for_spec_airline AS

5436 SELECT * FROM flights WHERE airline_id = 1;

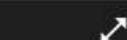
Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 37 msec.



Scratch Pad X

✓ Query returned successfully in 37 msec. X

Total rows:

Query complete 00:00:00.037

CRLF

Ln 5435, Col 1



Lab8.sql x

airport/postgres@PostgreSQL 17

No limit



Servers (2)

- PostgreSQL 17
 - Databases (2)
 - airport
 - Casts
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - postgres
 - Casts
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 - Event Triggers
 - Extensions
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Total rows:

Query complete 00:00:00.036

✓ Query returned successfully in 36 msec. ✘

CRLF Ln 5439, Col 1

Object Lab8.sql x

airport/postgres@PostgreSQL 17

No limit

Query Query History

5442
5443 -- 6
5444 CREATE VIEW delayed_flights AS
5445 SELECT * FROM flights WHERE actual_departure > scheduled_departure + INTERVAL '24 hours';
5446

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 39 msec.

- ✓ Servers (2)
 - ✓ PostgreSQL 17
 - Databases (2)
 - ✓ airport
 - > Casts
 - > Catalogs
 - > Event Triggers
 - > Extensions
 - > Foreign Data Wrappers
 - > Languages
 - > Publications
 - > Schemas
 - > Subscriptions
 - ✓ postgres
 - > Casts
 - > Catalogs
 - > Event Triggers
 - > Extensions
 - > Foreign Data Wrappers
 - > Languages
 - > Publications
 - > Schemas
 - > Subscriptions
 - > Login/Group Roles
 - > Tablespaces
 - > PostgreSQL 18

Query returned successfully in 39 msec.

Total rows:

Query complete 00:00:00.039

CRLF Ln 5444, Col 1

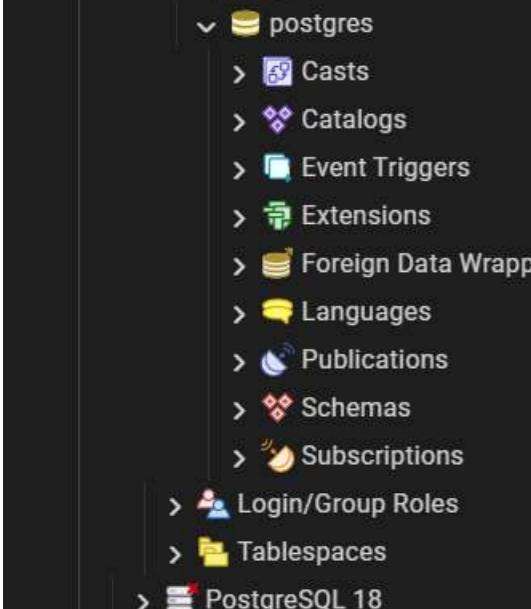
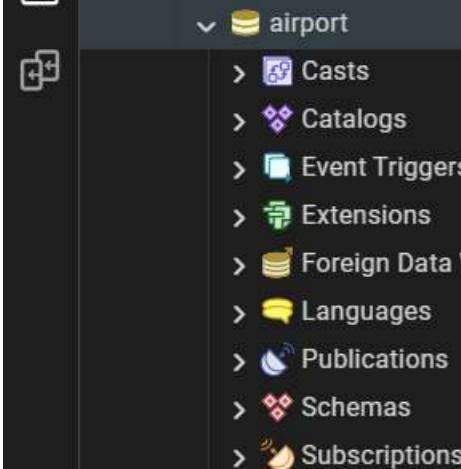


Lab8.sql x

airport/postgres@PostgreSQL 17



No limit



Total rows: 1

Query complete 00:00:00.054

CRLF Ln 5448, Col 1

Query Query History

```
5447 -- 7
5448 CREATE VIEW leffler_thompson AS
5449 SELECT p.first_name || ' ' || p.last_name AS full_name, p.country_of_residence
5450 FROM passengers p JOIN booking b ON p.passenger_id = b.passenger_id
5451 WHERE b.booking_platform = 'Leffler-Thompson';
5452 SELECT * FROM leffler_thompson;
```

Data Output Messages Notifications



Showing rows: 1 to 1



Page No: 1

of 1



	full_name	country_of_residence
	text	character varying (50)
1	Philbert Shambro...	China

Successfully run. Total query runtime: 54 msec. 1 rows affected.





Lab8.sql x

Servers (2)

PostgreSQL 17

Databases (2)

airport

- > Casts
- > Catalogs
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- > Foreign Data Wrappers
- > Languages
- > Publications
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- > Subscriptions

- > postgres
- > Casts
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- > Event Triggers
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airport/postgres@PostgreSQL 17



No limit



Query

Query History

```
5454 -- 8
5455 CREATE VIEW most_visited_countries AS
5456 SELECT a.country, COUNT(b.booking_id) AS total_flights
5457 FROM airport a JOIN flights f ON a.airport_id = f.arrival_airport_id
5458 JOIN booking_flight bf ON f.flight_id = bf.flight_id
5459 JOIN booking b ON bf.booking_id = b.booking_id
5460 GROUP BY a.country ORDER BY COUNT(b.booking_id) DESC LIMIT 10;
```

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 43 msec.

Scratch Pad x

✓ Query returned successfully in 43 msec. x

Total rows:

Query complete 00:00:00.043

CRLF

Ln 5455, Col 1

Object Lab8.sql x

airport/postgres@PostgreSQL 17

No limit

Query History

Scratch Pad x

Query

```
-- 9
CREATE OR REPLACE VIEW delayed_flights AS
SELECT * FROM flights WHERE actual_departure > scheduled_departure + INTERVAL '6 months';
SELECT * FROM delayed_flights;
```

Data Output Messages Notifications

Showing rows: 1 to 121 | Page No: 1 of 1 |

	scheduled_departure	scheduled_arrival	departure_airport_id	arrival_airport_id	departing_gate	arriving_gate	airline_id	status	actual_departure	actu	
	date	date	integer	integer	character varying (50)	character varying (50)	integer	character varying (50)	date	date	
1	2023-07-21	2023-09-17		13	16	4216	90	34	Boarding	2024-02-09	2024
2	2023-03-29	2023-08-01		18	12	47	9	34	Boarding	2024-02-21	2023
3	2023-07-07	2023-09-11		18	1	1576	72	34	Check-in open	2024-02-19	2023
4	2023-03-28	2023-10-28		5	5	1280	3288	46	Delayed	2024-02-06	2023
5	2023-07-24	2024-02-27		18	3	973	297	8	Delayed	2024-03-04	2023
6	2023-05-13	2023-05-24		11	2	1027	190	43	Delayed	2024-02-24	2023
7	2023-04-28	2023-11-06		7	16	919	7050	38	Departed	2023-12-21	2023
8	2023-03-29	2023-05-06		12	14	[null]	13	1	Delayed	2023-12-30	2023
9	2023-03-25	2023-09-01		17	6	1691	973	28	Delayed	2024-02-01	2023
10	2023-04-10	2023-09-17		8	14	993	3700	37	Delayed	2024-03-09	2024
11	2023-04-12	2023-11-26		8	3	95	26	9	Boarding	2023-11-22	2023
12	2023-08-28	2023-11-08		16	20	3810	778	37	Delayed	2024-03-17	2023
13	2023-04-03	2023-03-21		10	16	577	774	33	Delayed	2023-10-09	2023
14	2023-06-05	2023-08-01		7	19	1827	255	23	Delayed	2024-02-04	2024
15	2023-04-02	2024-02-10		9	8	1307	990	2	Boarding	2023-11-06	2024
16	2023-07-12	2023-10-20		5	5	62	23	12	Boarding	2024-02-29	2023
17	2023-03-21	2023-05-24		1	18	249	236	12	Delayed	2023-12-31	2023
18	2023-09-06	2023-08-17		13	3	112	[null]	47	Boarding	2024-03-11	2024
19	2023-03-19	2023-08-21		19	19	150	38	1	Boarding	2023-12-25	2023

Successfully run. Total query runtime: 74 msec. 121 rows affected.

Total rows: 121 Query complete 00:00:00.074 CRLF Ln 5463, Col 1



Lab8.sql x

Servers (2)

PostgreSQL 17

Databases (2)

airport

Casts

Catalogs

Event Triggers

Extensions

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Languages

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postgres

Casts

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airport/postgres@PostgreSQL 17



No limit



Query

Query History

```
5465    SELECT * FROM delayed_flights,  
5466  
5467    -- 10  
5468    DROP VIEW flights_on_spec_date, flights_next_week, most_popular_flights, flights_for_spec_airline,  
5469    delayed_flights, leffler_thompson, most_visited_countries;
```

Data Output

Messages

Notifications

DROP VIEW

Query returned successfully in 68 msec.

✓ Query returned successfully in 68 msec. ✘

Total rows:

Query complete 00:00:00.068

CRLF

Ln 5468, Col 1