

Object

airport

baggage

baggage

boarding

booking

booking

flights

Columns

flight

flight

sch

sch

dep

arri

dep

arri

airli

stat

actu

actu

crea

upd

Const

Index

RLS P

Rules

Trigge

passeng

security

Trigger Fun

Types

Views

Subscriptions

databaseprac1

mydb

postgres

databaseprac1

databaseprac1/po... X databaseprac1/po... X database\_subj/po... X database\_subj/po... X database\_subj/postgres@Local PostgreSQL\* X

database\_subj/postgres@Local PostgreSQL

No limit

Query Query History

Scratch Pad X

1 CREATE VIEW flights\_by\_date AS

2 SELECT flight\_id,

3 flight\_no,

4 scheduled\_departure,

5 scheduled\_arrival,

6 departure\_airport\_id,

7 arrival\_airport\_id,

8 airline\_id,

9 status,

10 actual\_departure,

11 actual\_arrival,

12 created\_at,

13 update\_at

14 FROM flights;

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 54 msec.

Total rows: Query complete 00:00:00.054

LF Ln 14, Col 14

✓ Query returned successfully in 54 msec. ✕

Object

flight

flight

sch

sch

dep

arriv

dep

arriv

airli

stat

actu

actu

crea

upd

> Const

> Index

> RLS P

> Rules

> Trigg

> passeng

> security

> Trigger Fun

> Types

> Views

> Subscriptions

> databaseprac1

> mydb

> postgres

> practise\_sql

> share\_recipe

> taskmanager\_mobi

> test\_booking\_db

> todo\_db

> Login/Group Roles

> Tablespaces

databaseprac1/po... X databaseprac1/po... X database\_subj/po... X database\_subj/po... X database\_subj/postgres@Local PostgreSQL\* X

database\_subj/postgres@Local PostgreSQL

Query Query History Scratch Pad X

```
1 CREATE VIEW bookings_next_week AS
2 SELECT bf.booking_id,
3        bf.flight_id,
4        f.scheduled_departure,
5        f.scheduled_arrival,
6        f.departure_airport_id,
7        f.arrival_airport_id
8 FROM booking_flight bf JOIN flights f ON bf.flight_id = f.flight_id
9 WHERE f.scheduled_departure BETWEEN CURRENT_DATE AND CURRENT_DATE + INTERVAL '1 week'
```

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 39 msec.

✓ Query returned successfully in 39 msec. X

Total rows: Query complete 00:00:00.039 LF Ln 6, Col 20

Object

flight

flight

sch

sch

dep

arriv

dep

arriv

airli

stat

actu

actu

crea

upd

> Const

> Index

> RLS P

> Rules

> Trigg

> passeng

> security

> Trigger Fun

> Types

> Views

> Subscriptions

> databaseprac1

> mydb

> postgres

> practise\_sql

> share\_recipe

> taskmanager\_mobi

> test\_booking\_db

> todo\_db

> Login/Group Roles

> Tablespaces

databaseprac1/po... X databaseprac1/po... X database\_subj/po... X database\_subj/po... X database\_subj/postgres@Local PostgreSQL\* X

database\_subj/postgres@Local PostgreSQL

No limit

Query Query History

Scratch Pad X

1 CREATE VIEW top5\_routes AS  
2 SELECT  
3 departure\_airport\_id,  
4 arrival\_airport\_id,  
5 COUNT(\*) AS total\_bookings  
6 FROM booking\_flight bf  
7 JOIN flights f ON bf.flight\_id = f.flight\_id  
8 GROUP BY departure\_airport\_id, arrival\_airport\_id  
9 ORDER BY total\_bookings DESC  
10 LIMIT 5;

Data Output Messages Notifications

CREATE VIEW  
Query returned successfully in 53 msec.

Total rows: Query complete 00:00:00.053

Ln 3, Col 14

✓ Query returned successfully in 53 msec. ✕

Object

PostgreSQL FastAPI

Local PostgreSQL

PostgreSQL 17

Databases (10)

book\_app

database\_subj

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wrappers

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (10)

airline

Columns (6)

airline\_id

airline\_code

airline\_name

airline\_coun

created\_at

database\_subj/postgres@Local PostgreSQL

Query

Query History

Scratch Pad

1 CREATE VIEW flights\_by\_airlines AS

2 SELECT f.\*, a.airline\_name

3 FROM flights f

4 JOIN airline a ON f.airline\_id = a.airline\_id

5 WHERE a.airline\_name = 'IPC';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 74 msec.

Total rows: Query complete 00:00:00.074

Ln 4, Col 13

✓ Query returned successfully in 74 msec. ✕

Object

PostgreSQL FastAPI (2)

Local PostgreSQL

PostgreSQL 17

Databases (10)

book\_app

database\_subj

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wr

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Config

FTS Diction

FTS Parser

FTS Temple

Foreign Tat

Functions

Materialize

Operators

Procedures

Sequences

Tables (10)

airline

Column

airli

airli

airli

airli

airli

crec

database\_subj/postgres@Local PostgreSQL

No limit

Query

Query History

Scratch Pad X

1 CREATE VIEW flights\_by\_airlines AS

2 SELECT f.\*, a.airline\_name

3 FROM flights f

4 JOIN airline a ON f.airline\_id = a.airline\_id

5 WHERE a.airline\_name = 'IPC'

6 AND f.scheduled\_departure BETWEEN CURRENT\_DATE

7 AND CURRENT\_DATE + INTERVAL '7 days';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 37 msec.

Total rows: Query complete 00:00:00.037

LF Ln 4, Col 13

✓ Query returned successfully in 37 msec. ✕

Object

PostgreSQL FastAPI (2)

Local PostgreSQL

PostgreSQL 17

Databases (10)

book\_app

database\_subj

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wr

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Config

FTS Diction

FTS Parser

FTS Temple

Foreign Tat

Functions

Materialize

Operators

Procedures

Sequences

Tables (10)

airline

Column

airli

airli

airli

airli

airli

crec

database\_subj/postgres@Local PostgreSQL

Query

Query History

Scratch Pad

1 CREATE VIEW delayed\_24h AS

2 SELECT \*

3 FROM flights

4 WHERE actual\_departure IS NOT NULL

5 AND actual\_departure > scheduled\_departure + INTERVAL '24 hours';

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 43 msec.

Total rows: Query complete 00:00:00.043

LF Ln 5, Col 68

✓ Query returned successfully in 43 msec. ✕

Object

PostgreSQL FastAPI (2)

Local PostgreSQL

PostgreSQL 17

Databases (10)

book\_app

database\_subj

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wr

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Config

FTS Diction

FTS Parser

FTS Temple

Foreign Tat

Functions

Materialize

Operators

Procedures

Sequences

Tables (10)

airline

Column

airli

airli

airli

airli

airli

crec

c1/po... X databaseprac1/po... X database\_subj/po... X database\_subj/po... X database\_subj/postgres@Local PostgreSQL\* X public.airline/data... X

database\_subj/postgres@Local PostgreSQL

No limit

Query Query History

Scratch Pad X

```
1 CREATE VIEW leffler_passengers AS
2 SELECT
3     p.passenger_id,
4     p.first_name || ' ' || p.last_name AS full_name,
5     p.country_of_citizenship AS country,
6     b.booking_platform
7 FROM passengers p
8 JOIN booking b ON p.passenger_id = b.passenger_id
9 WHERE b.booking_platform = 'Leffler-Thompson';
```

Data Output Messages Notifications

CREATE VIEW

Query returned successfully in 41 msec.

Total rows: Query complete 00:00:00.041

LF Ln 9, Col 47

✓ Query returned successfully in 41 msec. ✕

Object

database\_subj/postgres@Local PostgreSQL

database\_subj/postgres@Local PostgreSQL

No limit

Query

Query History

Scratch Pad

Const

airli

unic

Index

RLS P

Rules

Trigge

airport

Column

airp

airp

cou

stat

city

crea

upd

Const

Index

RLS P

Rules

Trigge

baggage

baggage

boarding

booking

booking.

flights

Column

flight

flight

sch

sch

dep

arriv

dep

1

2

3

4

5

6

7

8

9

10

11

12

CREATE VIEW top\_10\_visited\_countries AS

SELECT

a.country AS arrival\_country,

COUNT(\*) AS flights\_count,

CURRENT\_DATE AS created\_at,

CURRENT\_DATE AS update\_at

FROM flights f

JOIN airport a

ON f.arrival\_airport\_id = a.airport\_id

GROUP BY a.country

ORDER BY flights\_count DESC

LIMIT 10;

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 56 msec.

Total rows:

Query complete 00:00:00.056

LF

Ln 12, Col 10

✓ Query returned successfully in 56 msec. ✕

Object

database\_subj/postgres@Local PostgreSQL

database\_subj/postgres@Local PostgreSQL

No limit

Query

Query History

Scratch Pad

Const

airli

unic

Index

RLS P

Rules

Trigge

airport

Column

airp

airp

cou

stat

city

crea

upd

Const

Index

RLS P

Rules

Trigge

baggage

baggage

boarding

booking

booking.

flights

Column

fligh

fligh

sch

sch

dep

arriv

dep

1

2

3

4

5

6

7

8

9

10

11

CREATE OR REPLACE VIEW flights\_ipc\_simple AS

SELECT

flight\_id,

flight\_no,

airline\_id,

scheduled\_departure,

scheduled\_arrival,

CURRENT\_DATE AS created\_at,

CURRENT\_DATE AS update\_at

FROM flights

WHERE airline\_id = 1;

Data Output

Messages

Notifications

CREATE VIEW

Query returned successfully in 46 msec.

Total rows:

Query complete 00:00:00.046

LF Ln 11, Col 22

✓ Query returned successfully in 46 msec. ✕

Object

upd

Const

airli

unic

Indexi

RLS P

Rules

Trigge

airport

Column

airp

airp

cou

stat

city

crea

upd

Const

Indexi

RLS P

Rules

Trigge

baggage

baggage

boarding

booking

booking.

flights

Column

flight

flight

sch

sch

dep

arriv

dep

database\_subj/postgres@Local PostgreSQL

No limit

Query

Query History

Scratch Pad

1 DROP VIEW IF EXISTS

2 flights\_by\_date,

3 bookings\_next\_week,

4 top5\_routes,

5 flights\_by\_airline,

6 delayed\_24h,

7 leffler\_passengers,

8 top10\_countries;

Data Output

Messages

Notifications

NOTICE: view "top10\_countries" does not exist, skipping

DROP VIEW

Query returned successfully in 41 msec.

Total rows:

Query complete 00:00:00.041

LF

Ln 8, Col 21