

Database Explorer

postgres

baggage

baggage_check

boarding_pass

booking

booking_flight

flights

passengers

security_check

Database Objects

Server Objects

console

flights

booking

SELECT

p.last_name,

DATE_PART('year', AGE(CURRENT_DATE, p.date_of_birth)) AS age,

arr.airport_name AS arrival_airport,

arr.country AS arrival_country

FROM passengers p

JOIN booking b 1<->1:n ON p.passenger_id = b.passenger_id

JOIN booking_flight bf 1<->1:n ON b.booking_id = bf.booking_id

JOIN flights f 1:n<->1 ON bf.flight_id = f.flight_id

JOIN airport arr 1:n<->1 ON f.arrival_airport_id = arr.airport_id

WHERE DATE_PART('year', AGE(CURRENT_DATE, p.date_of_birth)) < 18;

Services

Database

postgres

console

booking

flights

Output

Result 18

last_name age arrival_airport arrival_country

0 rows

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

Markup and share

Database Explorer

postgres

- baggage
- baggage_check
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- booking_flight
- flights
- passengers
- security_check
- Database Objects
- Server Objects

console

- flights
- booking

SELECT f.flight_id,
a.airline_name,
dep.airport_name AS departure_airport,
arr.airport_name AS arrival_airport,
arr.country AS destination_country
FROM flights f
JOIN airline a [L,R<->]: ON f.airline_id = a.airline_id
JOIN airport dep [L,R<->]: ON f.departure_airport_id = dep.airport_id
JOIN airport arr [L,R<->]: ON f.arrival_airport_id = arr.airport_id
WHERE arr.country = 'China';

Services

Database

- console
- booking
- flights

OutputResult 13

- flight_id
- airline_name
- departure_airport
- arrival_airport
- destination_country

flight_id	airline_name	departure_airport	arrival_airport	destination_country
3	SMM	Darchula Airport	Elorza Airport	China
9	IFH	Hana Airport	Pitalito Airport	China
13	IPC	Figari Sud-Corse Airport	Melilla Airport	China
14	QIG	Darchula Airport	Lime Acres Finsch Mine Airport	China
23	YLP	Alert Bay Airport	Lime Acres Finsch Mine Airport	China
24	CSC	Lime Acres Finsch Mine Airport	Pitalito Airport	China
25	PQS	Ocean Falls Seaplane Base	Elorza Airport	China
34	DNV	Bermuda Dunes Airport	Lime Acres Finsch Mine Airport	China

Database Consoles > postgres > console10:27 CRLF UTF-8 4 spaces

Database Explorer

postgres

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- Database Objects
- Server Objects

console

```
1 SELECT f.booking_id,
2     ROUND(AVG(f.price), 2) AS avg_price,
3     SUM(f.price) AS total_price,
4     MAX(f.price) AS max_price,
5     MIN(f.price) AS min_price
6 FROM booking f
7 GROUP BY f.booking_id
8 ORDER BY f.booking_id;
```

Services

Output

Result 11

booking_id	avg_price	total_price	max_price	min_price
1	7462.13	7462.13	7462.13	7462.13
2	4216.6	4216.6	4216.6	4216.6
3	5782.37	5782.37	5782.37	5782.37
4	102.96	102.96	102.96	102.96
5	6711.04	6711.04	6711.04	6711.04
6	7813.55	7813.55	7813.55	7813.55
7	1346.71	1346.71	1346.71	1346.71
8	5711.67	5711.67	5711.67	5711.67
9	7015.82	7015.82	7015.82	7015.82

Database Consoles > postgres > console

1:20 CRLF UTF-8 4 spaces

Database Explorer

postgres

baggage

baggage_check

boarding_pass

booking

booking_flight

flights

passengers

security_check

Database Objects

Server Objects

console

airline

1

SELECT p.first_name, p.passport_number

2

FROM passengers p

3

JOIN booking b 1<->1.n: ON p.passenger_id = b.passenger_id

4

JOIN booking_flight bf 1<->1.n: ON b.booking_id = bf.booking_id

5

JOIN flights f 1.n<->1: ON bf.flight_id = f.flight_id

6

WHERE f.flight_id = 123;

Services

Database

postgres

console

airline

Output

postgres.public.passengers

first_name

passport_number

1

Gui

097333085-6

1 row

Database Consoles > postgres > console1:20 CRLF UTF-8 4 spaces

lab-2Version control

Database Explorer

postgres

- airline
- airport
- baggage
- baggage_check
- boarding_pass
- booking
- booking_flight
- flights
- passengers
- security_check

Database Objects

consoleflights

```
1 select a.airline_name
2 from airline a
3 where a.airline_id not in (
4     select f.airline_id
5     from flights f
6     where f.sch_departure_time between current_date and (current_date + interval '1 month')
7 );
```

Services

Database

- postgres
 - console
 - flights 54

Outputpostgres.public.airline

- airline_name
- 1 IPC
- 2 PDN
- 3 KLE
- 4 KHS
- 5 YLQ
- 6 NGL
- 7 B
- 8 QIG
- 9 NQX

Database Consoles > postgres > console6:30CRLFUTF-84 spaces

Database Explorer

console x airline

postgres 1 of 4

postgres 1 of 3

public

tables 10

- airline
- airport
- baggage
- baggage_check
- boarding_pass
- booking
- booking_flight
- flights

```
1 SELECT f.flight_id, a.airport_name AS departure_airport
2 FROM Flights f
3 JOIN airport a ON f.departure_airport_id = a.airport_id;
4
```

Services

Output Result 6 x

Database

- postgres
 - console
 - airline 696

flight_id	departure_airport
1	Elorza Airport
2	Figari Sud-Corse Airport
3	Darchula Airport
4	Lime Acres Finsch Mine Airport
5	Hana Airport
6	Darchula Airport
7	Ocean Falls Seaplane Base
8	Figari Sud-Corse Airport
9	Hana Airport

Database Consoles > postgres > console

6°C Light rain

Поиск

10:20 AM 11/4/2025

Database Explorer

console x airline

```
select *
from flights
where airline_id = (select airline_id from airline where airline_country = 'Senegal');
```

Services

Output postgres.public.flights x

	flight_id	sch_departure_time	sch_arrival_time	departing_gate	arriving_gate	airline_id	crs
1	11	<null>	<null>	1280	3288	46	2023-1
2	28	<null>	<null>	56	436	46	2023-1
3	80	<null>	<null>	137	123	46	2023-1
4	95	<null>	<null>	123	37	46	2023-1
5	126	<null>	<null>	91	10	46	2024-1
6	173	<null>	<null>	295	1437	46	2023-1
7	309	<null>	<null>	7285	162	46	2023-1
8	319	<null>	<null>		33	46	2023-1

15 rows

Database Consoles > postgres > console

3.84 CRLF UTF-8 4 spaces

Database Explorer

postgres 1 of 4

postgres 1 of 3

public

tables 10

airline

airport

baggage

baggage_check

boarding_pass

booking

booking_flight

flights

console

1 ✓

2

3

select *
from flights
where airline_id = (select airline_id from airline where airline_name = 'Emirates');

postgres public

Services

Output postgres.public.flights

CSV

Flight_id ✓ : sch_departure_time ✓ : sch_arrival_time ✓ : departing_gate ✓ : arriving_gate ✓ : airline_id ✓ : create

0 rows

Database Consoles > postgres > console3.85CRLFUTF-84 spaces