

```
1.select airport_name::jsonb -> 'ru' as ru from airports_data
except
select city::jsonb-> 'ru' as ru from airports_data;
```

console - console

ru x

38 rows

ru
1 "Игнатьево"
2 "Спиченково"
3 "Курск-Восточный"
4 "Омск-Центральный"
5 "Донское"
6 "Хабаровск-Новый"
7 "Богачево"
8 "Пулково"
9 "Елизово"
10 "Баратаевка"
11 "Саратов-Центральный"
12 "Родионо"
13 "Бесовец"
14 "Толмачёво"
15 "Шереметьево"
16 "Чульман"
17 "Иваново-Южный"
18 "Талаги"
19 "Байкал"
20 "Полярный"
21 "Стригино"
22 "Курумоч"
23 "Гумрак"
24 "Витязево"
25 "Победилово"
26 "Емельяново"
27 "Хурба"
28 "Бегиево"
29 "Уятав"

Database Consoles > demo@localhost > console

SUM: Not enough values 48:52 (118 chars, 2 line breaks) CRLF UTF-8 4 spaces

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```
2. select airport_name::jsonb -> 'ru' as ru from airports_data
intersect
select city::jsonb-> 'ru' as ru from airports_data;
```

console - console

ru x

66 rows

ru
1 "Нурманск"
2 "Нарьян-Мар"
3 "Анадырь"
4 "Воронеж"
5 "Уфа"
6 "Чебоксары"
7 "Пермь"
8 "Нальчик"
9 "Череповец"
10 "Усть-Илимск"
11 "Ставрополь"
12 "Сургут"
13 "Геленджик"
14 "Воркута"
15 "Когалым"
16 "Чита"
17 "Астрахань"
18 "Краснодар"
19 "Калуга"
20 "Новый Уренгой"
21 "Усть-Кут"
22 "Минеральные Воды"
23 "Элиста"
24 "Норильск"
25 "Орск"
26 "Советский"
27 "Ирбит"
28 "Кемерово"
29 "Йошкар-Ола"
30 "Саратов"

Database Consoles > demo@localhost > console

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```

3. select * from boarding_passes
INNER JOIN ticket_flights on boarding_passes.ticket_no =
ticket_flights.ticket_no and boarding_passes.flight_id =
ticket_flights.flight_id
INNER JOIN tickets on ticket_flights.ticket_no = tickets.ticket_no
INNER JOIN bookings on tickets.book_ref = bookings.book_ref
INNER JOIN flights on ticket_flights.flight_id = flights.flight_id
INNER JOIN airports_data on flights.arrival_airport =
airports_data.airport_code
INNER JOIN aircrafts_data on flights.aircraft_code =
aircrafts_data.aircraft_code
INNER JOIN seats on aircrafts_data.aircraft_code = seats.aircraft_code
;

```

console - console

Result 21 x

1-500 of 501+

CSV

	boarding_passes.ticket_no	boarding_passes.flight_id	boarding_no	boarding_passes.seat_no	ticket_flights.ticket_no	ticket_flights.flight_id	ticket_f
1	0005432081319	11015	9 3C		0005432081319	11015 Business	
2	0005432081319	11015	9 3C		0005432081319	11015 Business	
3	0005432081319	11015	9 3C		0005432081319	11015 Business	
4	0005432081319	11015	9 3C		0005432081319	11015 Business	
5	0005432081319	11015	9 3C		0005432081319	11015 Business	
6	0005432081319	11015	9 3C		0005432081319	11015 Business	
7	0005432081319	11015	9 3C		0005432081319	11015 Business	
8	0005432081319	11015	9 3C		0005432081319	11015 Business	
9	0005432081319	11015	9 3C		0005432081319	11015 Business	
10	0005432081319	11015	9 3C		0005432081319	11015 Business	
11	0005432081319	11015	9 3C		0005432081319	11015 Business	
12	0005432081319	11015	9 3C		0005432081319	11015 Business	
13	0005432081319	11015	9 3C		0005432081319	11015 Business	
14	0005432081319	11015	9 3C		0005432081319	11015 Business	
15	0005432081319	11015	9 3C		0005432081319	11015 Business	
16	0005432081319	11015	9 3C		0005432081319	11015 Business	
17	0005432081319	11015	9 3C		0005432081319	11015 Business	
18	0005432081319	11015	9 3C		0005432081319	11015 Business	
19	0005432081319	11015	9 3C		0005432081319	11015 Business	
20	0005432081319	11015	9 3C		0005432081319	11015 Business	
21	0005432081319	11015	9 3C		0005432081319	11015 Business	
22	0005432081319	11015	9 3C		0005432081319	11015 Business	
23	0005432081319	11015	9 3C		0005432081319	11015 Business	
24	0005432081319	11015	9 3C		0005432081319	11015 Business	
25	0005432081319	11015	9 3C		0005432081319	11015 Business	
26	0005432081319	11015	9 3C		0005432081319	11015 Business	
27	0005432081319	11015	9 3C		0005432081319	11015 Business	
28	0005432081319	11015	9 3C		0005432081319	11015 Business	
29	0005432081319	11015	9 3C		0005432081319	11015 Business	
30	0005432081319	11015	9 3C		0005432081319	11015 Business	

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08.12.2023

```

4. select aircraft_code, count(flight_id) as flight_count
from flights
where departure_airport = 'KZN' and
    scheduled_departure >= '2017-08-01' and
    scheduled_departure < '2017-09-01'
group by aircraft_code
having count(flight_id) > 50
order by flight_count DESC, aircraft_code ASC;

```

console - console

Result 22

3 rows

	aircraft_code	flight_count
1	CN1	62
2	SU9	62
3	CR2	54

CSV

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```
6. select f.flight_id, sum(tf.amount) as top
from flights f
join ticket_flights tf on f.flight_id = tf.flight_id
join tickets t on t.ticket_no = tf.ticket_no
where f.scheduled_departure >= '2017-08-01' and f.scheduled_departure <=
'2017-08-31'
group by f.flight_id
order by top DESC;
```

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Result 26

1-500 of 501+

	flight_id	top
177	21575	5758800
178	21601	5758300
179	15343	5751200
180	21659	5743900
181	15341	5738500
182	39549	5728300
183	15374	5720000
184	11954	5718400
185	10555	5711800
186	21563	5702200
187	15394	5699800
188	60716	5688900
189	11856	5665100
190	60621	5652600
191	21673	5645200
192	15316	5624700
193	2536	5607600
194	15376	5606400
195	21588	5600400
196	11871	5591800
197	15340	5588200
198	15415	5585200
199	10534	5578600
200	2638	5572000
201	15308	5571200
202	60675	5566500
203	60623	5565600
204	15380	5562900
205	15388	5554500
206	16700	5550600

Windows taskbar: Поиск, 9:56, 08.12.2023