```sql
select airport_name ->> 'ru' as name from airports_data
EXCEPT
SELECT city ->> 'ru' FROM airports_data
ORDER BY name;
```

ne

⯈ Output   ⊞ order by flight_no d...ount(ticket_no) desc;   ✕

|<   <   38 rows ∨   >   >| ⟳   ⟳   ▪   ⚲

	name ⇕
23	Пулково
24	Рощино
25	Саратов-Центральный
26	Спиченково
27	Стригино
28	Талаги
29	Толмачёво
30	Туношна
31	Уйташ
32	Ульяновск-Восточный
33	Хабаровск-Новый
34	Хомутово
35	Храброво
36	Хурба
37	Чульман
38	Шереметьево

```
31 ✓  select airport_name ->> 'ru' as name from airports_data
32     INTERSECT
33     SELECT city ->> 'ru' FROM airports_data
34     ORDER BY name;
```

|< < 66 rows ⌄ > >| ⟳ ◷ ◼ ⏚

	▢ name	⬍
55	Усинск	
56	Усть-Илимск	
57	Усть-Кут	
58	Уфа	
59	Ухта	
60	Ханты-Мансийск	
61	Чебоксары	
62	Челябинск	
63	Череповец	
64	Чита	
65	Элиста	
66	Якутск	

```sql
SELECT aircraft_code AS aircraft_type,
       COUNT(*) AS flight_count
FROM flights
WHERE departure_airport = 'KZN'
       AND EXTRACT(MONTH FROM scheduled_departure) = 8
       AND EXTRACT(YEAR FROM scheduled_departure) = 2017
GROUP BY aircraft_code
HAVING COUNT(*) > 50
ORDER BY flight_count DESC, aircraft_type ASC;
```

▶ Output   ⊞ Result 3 ×

|< < 3 rows ∨ > >| ↻ ◷ ▣ | ⎗

	⬚ aircraft_type ⬧	⬚ flight_count ⬧
1	CN1	62
2	SU9	62
3	CR2	54

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

select count(*) from bookings.ticket_flights
right join  flights on flights.flight_id = ticket_flights.flight_id
WHERE ticket flights flight id is null:
```

▶ Output   ⊞ Result 11 ×

|< < 1-500 ∨ of 501+ > >| ↻ ◷ ▣ ⎗   CSV ∨ | ⤓ ⤒ ⤴ ◎ ⚙

	⬚ airport_code ⬧	⬚ airport_name	⬧	⬚ city	⬧	⬚ coordina
117	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
118	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
119	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
120	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
121	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
122	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
123	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097
124	HMA	{"en": "Khanty Mansiysk Airport", "ru": "Ханты		{"en": "Khanty-Mansiysk", "ru": "Ханты-Мансийс		(69.086097

```sql
select count(*) from bookings.ticket_flights
right join  flights on flights.flight_id = ticket_flights.flight_id
WHERE ticket_flights.flight_id is null;
```

▷ Output   ⊞ count(*):bigint ✕

|< < 1 row ∨ > >| ↻ ⊙ ◼ | 📌

	count ⇕
1	10895

```sql
select sum(tf.amount) as august, f.flight_no
from ticket_flights tf
join flights f on f.flight_id = tf.flight_id
WHERE EXTRACT(MONTH FROM scheduled_departure) = 8
      AND EXTRACT(YEAR FROM scheduled_departure) = 2017
group by f.flight_no
order by sum(tf.amount) desc ;
```

▣ Output   ⊞ Result 24 ×

|< < 472 rows ∨ > >| ⟳ ⊙ ■ 📌

	august ⬍	flight_no ⬍
278	8333800	PG0403
279	8323800	PG0257
280	8290200	PG0237
281	8188800	PG0649
282	8144600	PG0163
283	8135000	PG0415
284	7990600	PG0486
285	7917400	PG0298
286	7757900	PG0162
287	7730000	PG0705
288	7430900	PG0708
289	7288700	PG0067
290	7242900	PG0511
291	7179200	PG0696
292	7114500	PG0512
293	7091800	PG0126

```sql
select sum(tf.amount) as august, f.flight_no
from ticket_flights tf
join flights f on f.flight_id = tf.flight_id
WHERE EXTRACT(MONTH FROM scheduled_departure) = 8
      AND EXTRACT(YEAR FROM scheduled_departure) = 2017
group by f.flight_no
order by sum(tf.amount) desc ;
SELECT
    f.flight_no,
    SUM(CASE WHEN EXTRACT(MONTH FROM f.scheduled_departure) = 8 THEN tf.amount ELSE 0 END)
    SUM(CASE WHEN EXTRACT(MONTH FROM f.scheduled_departure) = 9 THEN tf.amount ELSE 0 END)
FROM
    flights f
JOIN
    ticket_flights tf ON f.flight_id = tf.flight_id
```

▣ Output   ⊞ Result 25 ×

|< ‹ 482 rows ∨ › >| ↻ ◷ ◼ | ⇲

flight_no	august	september
~~PG0483~~	~~8333800~~	~~1000000~~
279 PG0257	8323800	670100
280 PG0237	8290200	3802800
281 PG0649	8188800	195600
282 PG0163	8144600	2135900
283 PG0415	8135000	1617900
284 PG0486	7990600	3588800
285 PG0298	7917400	2391000

```sql
SELECT DISTINCT passenger_name
from tickets
WHERE passenger_name ILIKE '%iRiNa%';
```

Output   demo.bookings.tickets ×

113 rows

	passenger_name
107	IRINA GORBUNOVA
108	IRINA BORISOVA
109	IRINA NAUMOVA
110	IRINA LOGINOVA
111	IRINA GAVRILOVA
112	IRINA DAVYDOVA
113	IRINA KOROLEVA