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

```sql
SELECT airport_name ->> 'ru' AS name
FROM airports_data
INTERSECT
SELECT city ->> 'ru'
FROM airports_data
ORDER BY name;
```

Output | name ×

38 rows

	name
1	Байкал
2	Баратаевка
3	Бегишево
4	Беслан
5	Бесовец
6	Богашёво

Output | name ×

66 rows

	name
1	Абакан
2	Анадырь
3	Астрахань
4	Барнаул
5	Белгород
6	Белоярский

```sql
SELECT aircraft_code, COUNT(*) AS flight_count
FROM flights
WHERE departure_airport = 'KZN' AND
      date_part('month', scheduled_departure) = 8 AND
      date_part('year', scheduled_departure) = 2017
GROUP BY aircraft_code
HAVING COUNT(*) > 50
ORDER BY flight_count DESC, aircraft_code;
```

Output | Result 34 ×

3 rows

	aircraft_code	flight_count
1	CN1	62
2	SU9	62
3	CR2	54

```sql
SELECT *
FROM aircrafts_data
INNER JOIN flights ON aircrafts_data.aircraft_code = flights.aircraft_code
INNER JOIN airports_data ON flights.arrival_airport = airports_data.airport_code
INNER JOIN boarding_passes ON flights.flight_id = boarding_passes.flight_id
INNER JOIN seats ON aircrafts_data.aircraft_code = seats.aircraft_code
INNER JOIN ticket_flights ON flights.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;
```

Output   Result 36 ×

1-500 of 501+

aircrafts_data.aircraft_code	model	range	flights.flig
1	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
2	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
3	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
4	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
5	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
6	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
7	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	
8	CR2	{"en": "Bombardier CRJ-200", "ru": "Бомбардье CRJ-200	2700	

Tx: Auto ∨   Playground ∨

```sql
SELECT flights.flight_id
FROM ticket_flights
RIGHT JOIN flights ON flights.flight_id = ticket_flights.flight_id
WHERE ticket_flights.ticket_no IS NULL;
```

Output   demo.bookings.flights ×

1-500 of 501+   Tx: Auto ∨   DDL

	flight_id
1	12267
2	28365
3	23772
4	8533
5	12377
6	21905
7	11257

Select All

```sql
SELECT f.flight_no, SUM(tf.amount) AS amount FROM ticket_flights tf
INNER JOIN flights f ON tf.flight_id = f.flight_id
WHERE EXTRACT(MONTH FROM scheduled_departure) = 8 AND
    EXTRACT(YEAR FROM scheduled_departure) = 2017
GROUP BY f.flight_no
ORDER BY amount DESC;
```

Output | Result 39

472 rows

flight_no	amount
PG0208	490338600
PG0209	480332200
PG0222	356857100
PG0223	348201000

```sql
SELECT f.flight_no,
    SUM(CASE WHEN EXTRACT(MONTH FROM scheduled_departure) = 8 THEN tf.amount ELSE 0 END) AS august,
    SUM(CASE WHEN EXTRACT(MONTH FROM scheduled_departure) = 9 THEN tf.amount ELSE 0 END) AS september
FROM ticket_flights tf
INNER JOIN flights f ON tf.flight_id = f.flight_id
WHERE EXTRACT(MONTH FROM scheduled_departure) IN (8, 9) AND
    EXTRACT(YEAR FROM scheduled_departure) = 2017
GROUP BY f.flight_no
ORDER BY august DESC, flight_no;
```

Output | Result 40

482 rows

flight_no	august	september
PG0208	490338600	51378300
PG0209	480332200	89546000
PG0222	356857100	38532200
PG0223	348201000	63801500
PG0357	331505300	83622200
PG0356	307950500	50770600
PG0277	294280000	39832800
PG0278	293283200	53440800

```sql
SELECT passenger_name
FROM tickets
WHERE passenger_name LIKE UPPER('iRiNa %')
GROUP BY passenger_name;
```

Output | demo.bookings.tickets

113 rows

passenger_name
IRINA NOVIKOVA
IRINA ZHUKOVA
IRINA SMIRNOVA
IRINA MIKHAYLOVA
IRINA ISAEVA
IRINA FILIPPOVA
IRINA LAZAREVA