```sql
SELECT airport_name
FROM bookings.airports
EXCEPT
SELECT city
FROM bookings.airports;
```

Output | demo.bookings.airports ×

38 rows | Tx: Auto | DDL

	airport_name
1	Уйташ
2	Чульман
3	Талаги
4	Баратаевка
5	Иваново-Южный

```sql
SELECT airport_name
FROM bookings.airports
INTERSECT
SELECT city
FROM bookings.airports
ORDER BY airport_name ASC;
```

Output | demo.bookings.airports ×

66 rows | Tx: Auto | DDL

	airport_name
1	Абакан
2	Анадырь
3	Астрахань
4	Барнаул
5	Белгород

```sql
SELECT aircraft_code, COUNT(*) AS num_flights
FROM flights
WHERE
    departure_airport = 'KZN'
    AND scheduled_departure between '2017-08-01' and '2017-09-01'
GROUP BY aircraft_code
HAVING COUNT(*) > 50
ORDER BY num_flights DESC, aircraft_code ASC;
```

Output | **Result 3** ×

3 rows

	aircraft_code	num_flights
1	CN1	62
2	SU9	62
3	CR2	54

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

Output | **demo.bookings.flights** ×

0 rows   Tx: Auto   DDL   CSV

flight_id	flight_no	scheduled_departure	scheduled_arrival	departure_airport

```sql
SELECT tf.flight_id,
       f.flight_id,
       SUM(tf.amount) AS SUM
FROM ticket_flights tf
       JOIN
    flights f
    ON
       tf.flight_id = f.flight_id
WHERE f.scheduled_departure >= '2017-08-01'
  AND f.scheduled_arrival < '2017-09-01'
GROUP BY tf.flight_id, f.flight_id
order by sum desc;
```

Output | **Result 12** ×

1-500 of 501+

	flight_id	flight_id	sum
1	2354	2354	17146600
2	26212	26212	17023600
3	2364	2364	16962100
4	2330	2330	16900600
5	2341	2341	16839100

```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;
```

tember

Output   ▦ Result 13 ✕

|< < 482 rows ∨ > >| ↻ ⏱ ◼ | ⚲   CSV ∨   ⬇

	flight_no ⬍	august ⬍	september ⬍
1	PG0208	490338600	51378300
2	PG0209	480332200	89546000
3	PG0222	356857100	38532200
4	PG0223	348201000	63801500
5	PG0357	331505300	83622200

```sql
SELECT *
FROM aircrafts_data as a
        INNER JOIN flights ON a.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 a.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;
```