```
114
115 ✓    SELECT airport_name ->> 'ru' as airport_name
116       FROM airports_data
117       EXCEPT
118       SELECT city ->> 'ru'
119       FROM airports_data
120       ORDER BY airport_name ASC;
```

▷ Output | ▦ airport_name ✕

|< < 38 rows ∨ > >| ⟳ ⏱ ◼ ⚲

#	▢ airport_name ⬍
1	Байкал
2	Баратаевка
3	Бегишево
4	Беслан
5	Бесовец
6	Богашёво
7	Витязево
8	Внуково
9	Гумрак

```
121
122 ✓  ∨  SELECT airport_name ->> 'ru' AS airport_name
123       FROM airports_data
124
125       INTERSECT
126
127    ∨  SELECT city ->> 'ru'
128       FROM airports_data
129       ORDER BY airport_name ASC;
130
```

▷ Output | ▦ airport_name ✕

|< < 66 rows ∨ > >| ⟳ ⏱ ◼ ⚲

#	▢ airport_name ⬍
1	Абакан
2	Анадырь
3	Астрахань
4	Барнаул
5	Белгород
6	Белоярский
7	Братск
8	Брянск
9	Бугульма

```sql
131 ✓ SELECT aircraft_code, COUNT(*) AS flights_count
132   FROM flights
133   WHERE departure_airport = 'KZN'
134       AND EXTRACT(YEAR FROM flights.scheduled_departure) = 2017
135       AND EXTRACT(MONTH FROM flights.scheduled_departure) = 8
136   GROUP BY aircraft_code
137   HAVING COUNT(*) > 50
138   ORDER BY flights_count DESC, aircraft_code ASC;
139
140
141
142
143
```

▷ Output   ▦ Result 7 ×

|◁ ◁ 3 rows ∨ ▷ ▷| ↻ ◷ ■ ⚲

	aircraft_code	flights_count
1	CN1	62
2	SU9	62
3	CR2	54

```sql
142
143 ✓ SELECT *
144   FROM aircrafts_data
145   INNER JOIN flights ON aircrafts_data.aircraft_code = flights.aircraft_code
146   INNER JOIN airports_data ON flights.arrival_airport = airports_data.airport_code
147   INNER JOIN boarding_passes ON flights.flight_id = boarding_passes.flight_id
148   INNER JOIN seats ON aircrafts_data.aircraft_code = seats.aircraft_code
149   INNER JOIN ticket_flights ON flights.flight_id = ticket_flights.flight_id
150   INNER JOIN tickets ON ticket_flights.ticket_no = tickets.ticket_no
151   INNER JOIN bookings ON tickets.book_ref = bookings.book_ref;
152
```

▷ Output   ▦ airport_name   ▦ Result 11 ×

|◁ ◁ 15 rows ∨ ▷ ▷| ↻ ◷ ■ ⚲   CSV ∨ ⬇ ⬆ ⬲ ◎ ⚙

	aircrafts_data.aircraft_code	model	range	flights.flight_id	flight_no	sch
1	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
2	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
3	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
4	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
5	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
6	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
7	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0
8	SU9	{"en": "Sukhoi Superjet-100", "ru": "Сухой Суперджет-100"	3000	28935	PG0242	2017-0

```
149
150 ✓  SELECT flights.flight_id
151     FROM ticket_flights
152     RIGHT JOIN flights ON flights.flight_id = ticket_flights.flight_id
153     where ticket_flights.ticket_no is null;
154
155
156
157
158
159
```

▷ Output   ▦ airport_name   ▦ 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
8	16828
9	13729

ms

```
159
160    SELECT flights.flight_no, SUM(ticket_flights.amount) AS total_revenue
161    FROM ticket_flights
162    INNER JOIN flights ON ticket_flights.flight_id = flights.flight_id
163    WHERE EXTRACT(YEAR FROM flights.scheduled_departure) = 2017
164        AND EXTRACT(MONTH FROM flights.scheduled_departure) = 8
165    GROUP BY flights.flight_no
166    ORDER BY total_revenue DESC;
167
```

	flight_no	total_revenue
1	PG0590	6400
2	PG0685	72400
3	PG0343	118800
4	PG0098	123200
5	PG0097	168000
6	PG0079	198000
7	PG0354	206800
8	PG0535	264000
9	PG0352	334400

```
189 ✓  SELECT f.flight_no,
190         SUM(CASE WHEN EXTRACT(MONTH FROM scheduled_departure) = 8 THEN tf.amount ELSE 0 END) AS august,
191         SUM(CASE WHEN EXTRACT(MONTH FROM scheduled_departure) = 9 THEN tf.amount ELSE 0 END) AS september
192    FROM ticket_flights tf
193    INNER JOIN flights f ON tf.flight_id = f.flight_id
194    WHERE EXTRACT(MONTH FROM scheduled_departure) IN (8, 9) AND
195        EXTRACT(YEAR FROM scheduled_departure) = 2017
196    GROUP BY f.flight_no
197    ORDER BY august DESC, flight_no;
198
```

	flight_no	august	september
1	PG0208	490338600	51378300
2	PG0209	480332200	89546000
3	PG0222	356857100	38532200
4	PG0223	348201000	63801500
5	PG0357	331505300	83622200
6	PG0356	307950500	50770600
7	PG0277	294280000	39832800
8	PG0278	293283200	53440800

```sql
188
189 ✓  SELECT passenger_name
190     FROM tickets
191     WHERE passenger_name LIKE UPPER('iRiNa %')
192     GROUP BY passenger_name;
193
194
```

Output | airport_name | demo.bookings.tickets ×

113 rows | Tx: Auto | DDL

	passenger_name
1	IRINA NOVIKOVA
2	IRINA ZHUKOVA
3	IRINA SMIRNOVA
4	IRINA MIKHAYLOVA
5	IRINA ISAEVA
6	IRINA FILIPPOVA
7	IRINA LAZAREVA
8	IRINA KUZMINA
9	IRINA TIKHONOVA

Доп:

```sql
205 ✓  SELECT
206       flights.aircraft_code AS aircraft_type,
207       SUM(CASE WHEN EXTRACT(MONTH FROM flights.scheduled_departure) = 8 THEN ticket_flights.amount ELSE 0 END) AS august_revenue,
208       SUM(CASE WHEN EXTRACT(MONTH FROM flights.scheduled_departure) = 9 THEN 1 ELSE 0 END) AS september_passenger_count,
209       SUM(CASE WHEN EXTRACT(MONTH FROM flights.scheduled_departure) = 8 THEN 1 ELSE 0 END) AS august_passenger_count,
210       SUM(CASE WHEN EXTRACT(MONTH FROM flights.scheduled_departure) = 9 THEN ticket_flights.amount ELSE 0 END) AS september_revenue
211     FROM flights
212     INNER JOIN ticket_flights ON flights.flight_id = ticket_flights.flight_id
213     WHERE EXTRACT(YEAR FROM flights.scheduled_departure) = 2017
214       AND EXTRACT(MONTH FROM flights.scheduled_departure) IN (8, 9)
215     GROUP BY flights.aircraft_code;
216
217
```

august

Output | airport_name | Result 32 ×

8 rows | CSV

	aircraft_type	august_revenue	september_passenger_count	august_passenger_count	september_revenue
1	319	1773787300	5688	34574	287051800
2	321	1050808500	14137	67502	201035000
3	733	926462000	9583	55811	160612800
4	763	2824723100	14037	88623	495152100
5	773	2233327100	14431	93951	341779800
6	CN1	62590400	1612	9545	10499000
7	CR2	1300530100	16074	98171	211844700
8	SU9	3337466100	41265	237785	566067800