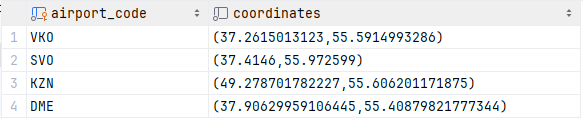
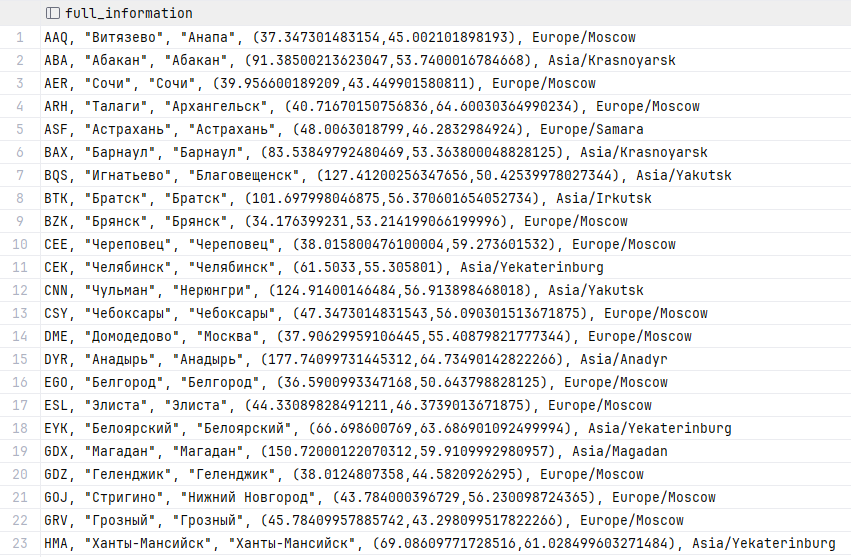
**Задача A**

select airport\_code, coordinates from airports\_data  
where city = '{"en": "Moscow", "ru": "Москва"}' or city = '{"en": "Kazan", "ru": "Казань"}'  
order by airport\_code desc;



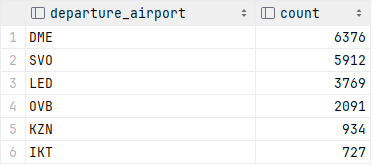
**Задача B**

SELECT *concat\_ws*(', ', airport\_code, airport\_name->'ru', city->'ru', coordinates, timezone) AS full\_information  
FROM airports\_data  
order by full\_information asc;



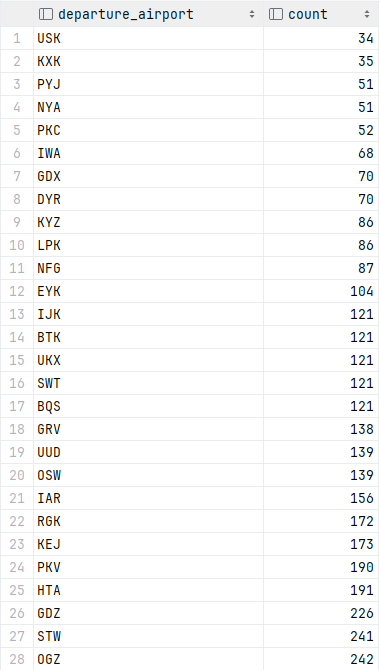
**Задача C**

select departure\_airport, *count*(*\**) as count  
from flights  
where departure\_airport in ('KZN', 'DME', 'OVB', 'IKT', 'LED', 'SVO')  
group by departure\_airport  
order by count desc  
;



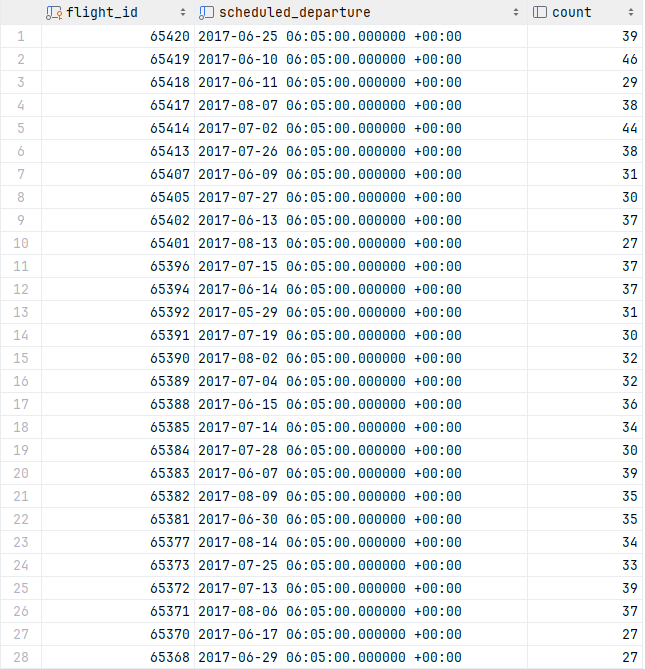
**Задача D**

select departure\_airport, *count*(*\**) as count  
from flights  
where departure\_airport not in ('KZN', 'DME', 'OVB', 'IKT', 'LED', 'SVO')  
group by departure\_airport  
order by count asc  
;



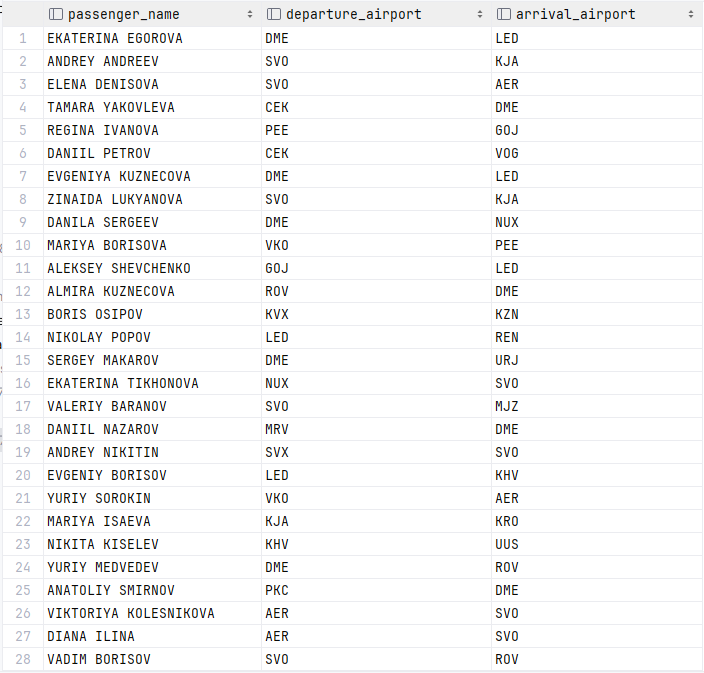
**Задача E**

select flight\_id, scheduled\_departure, count  
from flights  
join (select flight\_id as fid, *count*(*\**) as count  
from boarding\_passes  
group by flight\_id  
) on flights.flight\_id = fid  
  
where count between 27 and 90  
order by flight\_id desc  
;



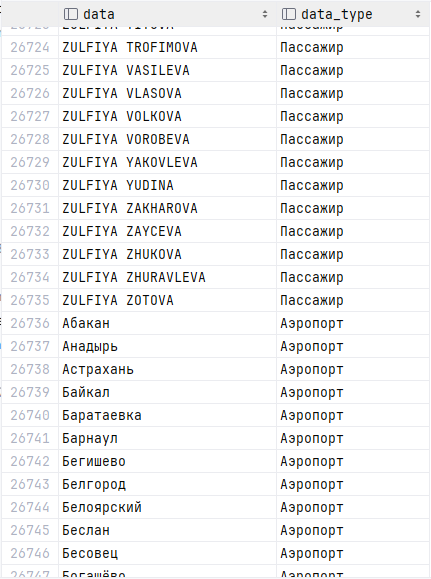
**Задача F**

select distinct passenger\_name, departure\_airport, arrival\_airport  
from boarding\_passes  
  
join flights on boarding\_passes.flight\_id = flights.flight\_id  
join tickets on tickets.ticket\_no = boarding\_passes.ticket\_no  
  
;



**Задача G**

select distinct passenger\_name as data, 'Пассажир' as data\_type  
from boarding\_passes  
  
join flights on boarding\_passes.flight\_id = flights.flight\_id  
join tickets on tickets.ticket\_no = boarding\_passes.ticket\_no  
  
  
UNION  
  
select airport\_name->>'ru' as data, 'Аэропорт' as data\_type  
from airports\_data  
  
order by data\_type desc, data asc  
;

**Задача H**

select *count*(*\**)  
from flights  
left outer join boarding\_passes  
 on flights.flight\_id = boarding\_passes.flight\_id  
  
where boarding\_passes.ticket\_no is null  
group by ticket\_no  
;



**Задача J**

select flights.flight\_no as flight\_no, *min*(bookings.total\_amount) as min\_price, *max*(bookings.total\_amount) as max\_price  
from flights  
join boarding\_passes on flights.flight\_id = boarding\_passes.flight\_id  
join tickets on tickets.ticket\_no = boarding\_passes.ticket\_no  
join bookings on tickets.book\_ref = bookings.book\_ref  
group by flights.flight\_no  
order by flights.flight\_no asc  
;

