

Классы обслуживания, присутствующие на различных воздушных судах

The screenshot shows the pgAdmin 4 interface with a query executed in the 'demo/postgres@test' database. The query is as follows:

```
1 --Классы обслуживания, присутствующие на различных воздушных судах
2 SELECT DISTINCT aircrafts_data.model AS модель_борта, seats.fare_conditions AS класс_обслуживания
3 FROM seats
4 JOIN aircrafts_data ON seats.aircraft_code = aircrafts_data.aircraft_code
5 ORDER BY модель_борта ASC, класс_обслуживания ASC;
```

The result is displayed in a table with two columns: 'модель_борта' (aircraft model) and 'класс_обслуживания' (service class). The table contains 15 rows of data, showing various aircraft models and their corresponding service classes.

модель_борта	класс_обслуживания
('en': 'Airbus A319-100', 'ru': 'Аэробус A319-100')	Business
('en': 'Airbus A319-100', 'ru': 'Аэробус A319-100')	Economy
('en': 'Airbus A320-200', 'ru': 'Аэробус A320-200')	Business
('en': 'Airbus A320-200', 'ru': 'Аэробус A320-200')	Economy
('en': 'Airbus A321-200', 'ru': 'Аэробус A321-200')	Business
('en': 'Airbus A321-200', 'ru': 'Аэробус A321-200')	Economy
('en': 'Boeing 737-300', 'ru': 'Боинг 737-300')	Business
('en': 'Boeing 737-300', 'ru': 'Боинг 737-300')	Economy
('en': 'Boeing 767-300', 'ru': 'Боинг 767-300')	Business
('en': 'Boeing 767-300', 'ru': 'Боинг 767-300')	Economy
('en': 'Boeing 777-300', 'ru': 'Боинг 777-300')	Business
('en': 'Boeing 777-300', 'ru': 'Боинг 777-300')	Comfort
('en': 'Boeing 777-300', 'ru': 'Боинг 777-300')	Economy
('en': 'Bombardier CRJ-200', 'ru': 'Бомбардье CRJ-200')	Economy
('en': 'Cessna 208 Caravan', 'ru': 'Сессна 208 Караван')	Economy

Total rows: 17 of 17 Query complete 00:00:00.038

Куда, в какие дни недели и за какое время можно долететь из Москвы (первые 20)

The screenshot shows the pgAdmin 4 interface with a query executed in the 'demo/postgres@test' database. The query is as follows:

```
1 SELECT airports_data.city->>'ru' as arrival, ways.days_of_week, ways.average_duration_time
2 FROM ways
3 JOIN airports_data ON ways.arrival = airports_data.airport_code
4 ORDER BY arrival
5 FETCH FIRST 20 ROWS ONLY
```

The result is displayed in a table with three columns: 'arrival' (city), 'days_of_week' (days of the week), and 'average_duration_time' (average flight duration). The table contains 15 rows of data, showing various cities and their corresponding flight durations.

arrival	days_of_week	average_duration_time
Абакан	Saturday , Tuesday	04:25:00
Анадырь	Tuesday , Saturday , Monday	08:13:20
Анапа	Thursday , Monday , Saturday , Wednesday , Sunday , Tuesday , Friday	01:40:00
Архангельск	Wednesday , Friday , Saturday , Tuesday , Monday , Sunday , Thursday	01:25:00
Астрахань	Thursday , Friday , Saturday , Wednesday , Sunday , Tuesday , Monday	01:47:30
Барнаул	Tuesday , Saturday , Sunday , Monday , Thursday , Wednesday	03:55:00
Белгород	Tuesday , Thursday , Saturday , Monday , Friday , Wednesday , Sunday	00:45:00
Белоярский	Monday	02:35:00
Братск	Tuesday , Monday , Wednesday , Thursday , Sunday , Saturday , Friday	05:05:00
Брянск	Monday , Sunday , Wednesday , Tuesday , Friday , Saturday , Thursday	00:28:20
Бугульма	Sunday , Monday , Friday , Tuesday , Saturday , Wednesday , Thursday	01:22:30
Владивосток	Saturday , Thursday , Tuesday , Monday , Sunday , Friday , Wednesday	08:25:00
Владикавказ	Monday , Tuesday , Friday , Thursday , Wednesday , Sunday , Saturday	02:05:00
Волгоград	Wednesday , Sunday , Friday , Monday , Thursday , Saturday , Tuesday	01:12:30
Воронеж	Friday , Tuesday , Sunday , Monday , Thursday , Saturday , Wednesday	02:44:17

Total rows: 20 of 20 Query complete 00:00:00.045

Отмененные рейсы в Санкт-Петербург

pgAdmin 4 interface showing a query execution result. The query filters for flights from Saint-Petersburg that are cancelled.

```
1 SELECT flights.flight_no
2 FROM
3 flights
4 JOIN
5 airports_data ON flights.arrival_airport = airports_data.airport_code
6 WHERE airports_data.city-->'ru' = 'Санкт-Петербург'
7 AND flights.status = 'Cancelled'
```

flight_no	character
1	PG0229
2	PG0508
3	PG0133
4	PG0441
5	PG0157
6	PG0042
7	PG0524
8	PG0340
9	PG0686
10	PG0272
11	PG0437
12	PG0361

Total rows: 16 of 16 Query complete 00:00:00.105 Ln 5, Col 35

Аэропорты, по часовому поясу по алфавиту, по городу в обратном порядке

pgAdmin 4 interface showing a query execution result. The query sorts airports by timezone and city.

```
1 SELECT *
2 FROM airports_data
3 ORDER BY timezone ASC, city DESC
```

airport_code	airport_name	city	coordinates	timezone
1 DYP	['en': 'Ugolny Airport', 'ru': 'Анадырь']	['en': 'Anadyr', 'ru': 'Анадырь']	(177.74099731445312, 64.73490142822266)	Asia/Anadyr
2 HTA	['en': 'Chita-Kadala Airport', 'ru': 'Чита']	['en': 'Chita', 'ru': 'Чита']	(113.306, 52.026299)	Asia/Chita
3 UIK	['en': 'Ust-Ilimsk Airport', 'ru': 'Усть-Илимск']	['en': 'Ust-Ilimsk', 'ru': 'Усть-Илимск']	(102.56500244140625, 58.13610076904297)	Asia/Irkutsk
4 UKX	['en': 'Ust-Kut Airport', 'ru': 'Усть-Кут']	['en': 'Ust-Kut', 'ru': 'Усть-Кут']	(105.7300033569336, 56.8567008972168)	Asia/Irkutsk
5 UUD	['en': 'Ulan-Ude Airport (Mukhino)', 'ru': 'Байкал']	['en': 'Ulan-ude', 'ru': 'Улан-Уда']	(107.43800354003906, 51.80780029296875)	Asia/Irkutsk
6 IKT	['en': 'Irkutsk Airport', 'ru': 'Иркутск']	['en': 'Irkutsk', 'ru': 'Иркутск']	(104.38899993896, 52.268001556396)	Asia/Irkutsk
7 BTK	['en': 'Bratsk Airport', 'ru': 'Братск']	['en': 'Bratsk', 'ru': 'Братск']	(101.697998046875, 56.370601654052734)	Asia/Irkutsk
8 PKC	['en': 'Yelizovo Airport', 'ru': 'Елизово']	['en': 'Petrozavlovsk', 'ru': 'Петропавловск...']	(158.45399475097656, 53.16790008544922)	Asia/Kamchatka
9 TOF	['en': 'Bogachevo Airport', 'ru': 'Борачёво']	['en': 'Tomsk', 'ru': 'Томск']	(85.208297729492, 56.380298614502)	Asia/Krasnoyarsk
10 SWT	['en': 'Strezhevoy Airport', 'ru': 'Стрежевой']	['en': 'Strezhevoy', 'ru': 'Стрежевой']	(77.66000366210001, 60.709400177)	Asia/Krasnoyarsk
11 NSK	['en': 'Norilsk-Alykel Airport', 'ru': 'Норильск']	['en': 'Norilsk', 'ru': 'Норильск']	(87.3321990967969, 69.31109619140625)	Asia/Krasnoyarsk
12 KYZ	['en': 'Kyzyl Airport', 'ru': 'Кызыл']	['en': 'Kyzyl', 'ru': 'Кызыл']	(94.40059661865234, 51.66939926147461)	Asia/Krasnoyarsk

Total rows: 104 of 104 Query complete 00:00:00.051 Ln 3, Col 33

Контактные данные пассажиров с именем «Татьяна»

pgAdmin 4

File Object Tools Help

Object Explorer

- > Aggregates
- > Collations
- > Domains
- > FTS Configurations
- > FTS Dictionaries
- > FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Operators
- > Procedures
- > Sequences
- > Tables (8)
 - > aircrafts_data
 - > airports_data
 - > boarding_passes
 - > bookings
 - > flights
 - > seats
 - > ticket_flights
 - > tickets
 - Columns (5)
 - ticket_no
 - book_ref
 - passenger_id
 - passenger_name
 - contact_data
 - Constraints
 - Indexes

demo/postgres@test

Query

```
1 SELECT passenger_name, contact_data
2 FROM tickets
3 WHERE upper(passenger_name) LIKE 'TATYANA %'
4 ORDER BY passenger_name
```

Query History

Data Output

	passenger_name text	contact_data jsonb
1	TATYANA ABRAMOVA	{"phone": "+70443672918"}
2	TATYANA ABRAMOVA	{"phone": "+70512097963"}
3	TATYANA ABRAMOVA	{"email": "abramovat.121973@postgrespro.ru", "phone": "+70609033944"}
4	TATYANA ABRAMOVA	{"email": "abramovat.111973@postgrespro.ru", "phone": "+70052822619"}
5	TATYANA ABRAMOVA	{"phone": "+70856623737"}
6	TATYANA ABRAMOVA	{"phone": "+70187643232"}
7	TATYANA ABRAMOVA	{"phone": "+70616931230"}
8	TATYANA ABRAMOVA	{"email": "t-abramova1970@postgrespro.ru", "phone": "+70463921503"}
9	TATYANA ABRAMOVA	{"email": "tabramova-041964@postgrespro.ru", "phone": "+70487450491"}
10	TATYANA ABRAMOVA	{"phone": "+70341424824"}
11	TATYANA ABRAMOVA	{"phone": "+70333030186"}
12	TATYANA ABRAMOVA	{"phone": "+70634708756"}

Total rows: 1000 of 12058 Query complete 00:00:00.182 Ln 4, Col 24