

pgAdmin 4

FileObjectToolsEditViewWindowHelp

Object Explorer

Schemas (1)

public

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (10)

airline

Columns (6)

airline_id

airline_code

airline_name

airline_country

created_at

update_at

Constraints

Indexes

RLS Policies

Rules

Triggers

airport

baggage

baggage_check

boarding_pass

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Execute script

FS

1 update airline

2 set airline_name = upper(airline_name)

Scratch Pad

Data Output

Messages

Notifications

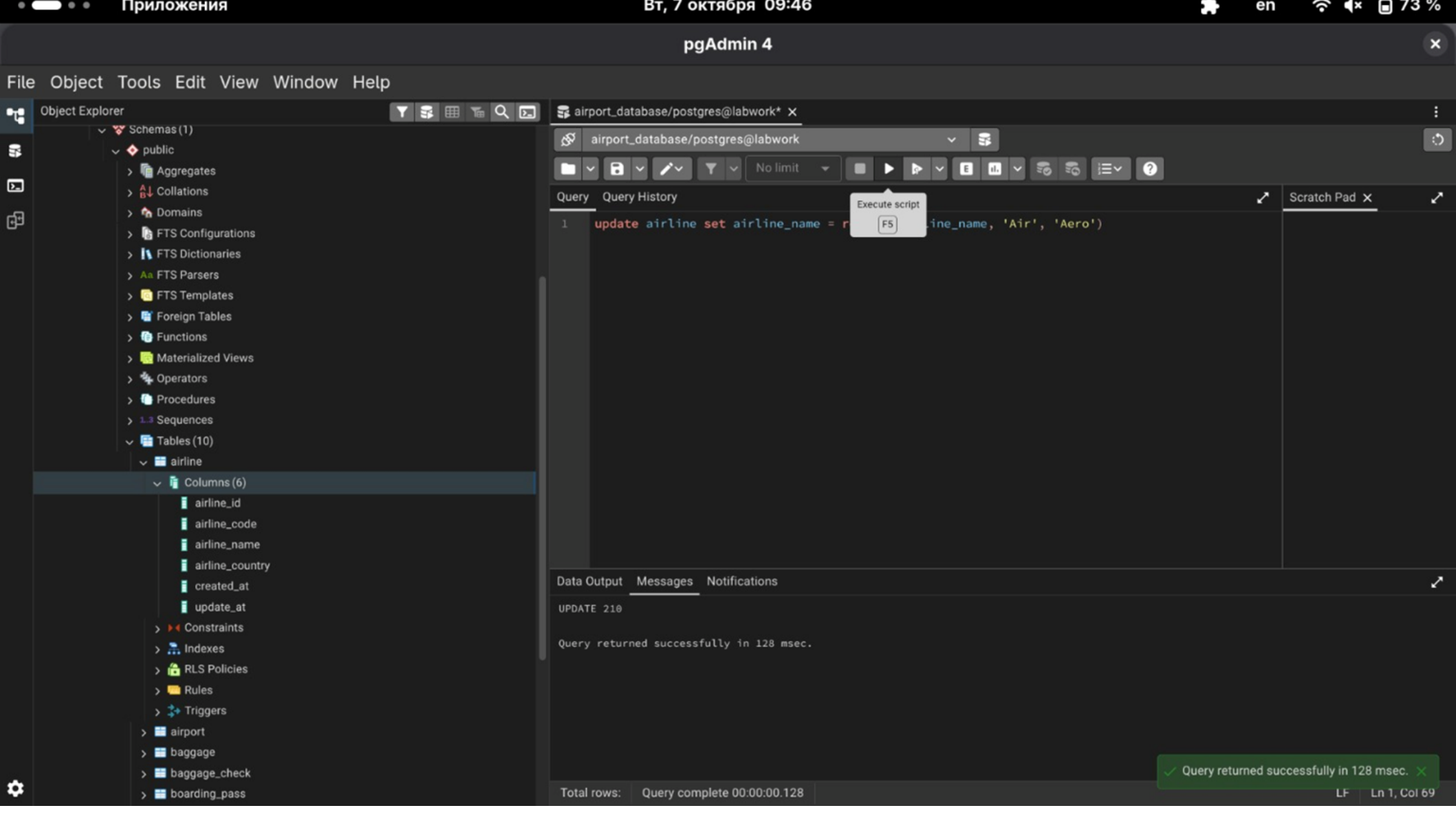
UPDATE 210

Query returned successfully in 129 msec.

Total rows: Query complete 00:00:00.129

Ln 2, Col 38

Query returned successfully in 129 msec.



- > Aggregates
- > Collations
- > Domains
- > FTS Configurations
- > FTS Dictionaries
- > FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Operators
- > Procedures
- > Sequences
- > Tables (10)

- airline_id
- airline_code
- airline_name
- airline_country
- created_at
- update_at

- > Constraints
- > Indexes
- > RLS Policies
- > Rules
- > Triggers

- > airport
- > baggage
- > baggage_check
- > boarding_pass

```
1 update airline set airline_name = r... line_name, 'Air', 'Aero')
```

```
UPDATE 210
```

```
Query returned successfully in 128 msec.
```

pgAdmin 4

File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork*



Schemas (1)

public

- > Aggregates
- > Collations
- > Domains
- > FTS Configurations
- > FTS Dictionaries
- > FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Operators
- > Procedures
- > Sequences
- > Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
- > Trigger Functions
- > Types
- > Views

> Subscriptions

> postgres

> Login/Group Roles

> Tablespaces

airport_database/postgres@labwork



Query

Query History



Scratch Pad



```
1. select flight_id from flights where airline_id in (1,2) group by flight_id having count (distinct airline_id) = 2
```

Data Output

Messages

Notifications

flight_id
[PK] integer

Total rows: 0

Query complete 00:00:00.202

✓ Successfully run. Total query runtime: 202 msec. 0 rows affected. ✕

LF Ln 1, Col 115

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

Schemas (1)

- public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
 - postgres
 - Login/Group Roles
 - Tablespaces

airport_database/postgres@labwork

Query

Query History

1 select * from airport where airport_name = 'Reginal' and airport_name = 'Air'

Scratch Pad

Data Output

Messages

Notifications

airport_id [PK] integer

airport_name character varying (50)

country character varying (50)

state character varying (50)

city character varying (50)

created_at date

update_at date

Total rows: 0 Query complete 00:00:00.124

Successfully run. Total query runtime: 124 msec. 0 rows affected.

Ln 1, Col 57

pgAdmin 4

File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork x



Schemas (1)

public

- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
- Trigger Functions
- Types
- Views

Subscriptions

postgres

Login/Group Roles

Tablespaces

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad x

```
1 SELECT
2     first_name,
3     last_name,
4     TO_CHAR(date_of_birth, 'Month DD, YYYY') AS formatted_birth_date
5 FROM passengers;
6
```

Data Output Messages Notifications

Showing rows: 1 to 203

Page No: 1

of 1

	first_name character varying (50)	last_name character varying (50)	formatted_birth_date text
1	Hilde	Irmis	January 03, 2000
2	Arvy	Sparsholt	June 09, 1974
3	Reinald	Pococke	June 07, 1982
4	Con	Borrel	October 17, 1986
5	Wayne	Bangs	April 22, 1996
6	Tildy	Shackleford	April 15, 2004

Total rows: 203

Query complete 00:00:00.106

✓ Successfully run. Total query runtime: 106 msec. 203 rows affected. ✕

LF Ln 6, Col 1

pgAdmin 4

File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork*



Schemas (1)

public

- Aggregates
- Collations
- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
- Trigger Functions
- Types
- Views

Subscriptions

postgres

Login/Group Roles

Tablespaces

airport_database/postgres@labwork

airport_database/postgres@labwork

No limit

Query Query History

1. select flight_id, flight_no, scheduled_arrival, actual_arrival from flights where actual_arrival > scheduled_arrival

Scratch Pad

Data Output Messages Notifications

SQL

Showing rows: 1 to 509

Page No: 1

of 1

|< << >> >|

	flight_id [PK] integer	flight_no character varying (50)	scheduled_arrival date	actual_arrival date
1	1	US-CT	2023-09-08	2023-11-07
2	2	US-NM	2023-09-17	2024-01-23
3	4	RU-KR	2023-03-18	2023-04-07
4	8	US-AZ	2023-04-08	2023-08-01
5	9	IN-OR	2023-09-19	2023-12-03
6	12	CA-NL	2023-06-04	2023-11-17

Total rows: 509

Query complete 00:00:00.328

✓ Successfully run. Total query runtime: 328 msec. 509 rows affected. ✕

LF Ln 1, Col 117

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- Schemas (1)
 - public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (10)
 - airline
 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views
 - Subscriptions
- postgres
 - Login/Group Roles
 - Tablespaces

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query Query History

```
1 select
2     first_name,
3     last_name,
4     DATE_PART('year', AGE(date_of_birth)) as age,
5     case
6         when DATE_PART('year', AGE(date_of_birth)) between 18 and 35 then 'young'
7         when DATE_PART('year', AGE(date_of_birth)) between 36 and 55 then 'adult'
8         else 'Other'
9     end as age_group
10 from passengers
11 order by age;
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 203

Page No: 1

of 1

	first_name character varying (50)	last_name character varying (50)	age double precision	age_group text
1	Bernie	Michal	15	Other
2	Vivyan	Mallabone	15	Other
3	Ynez	Bortoloni	16	Other
4	Cleve	Edgeler	16	Other
5	Ronnica	Laybourn	16	Other
6	Gwennie	Chinnery	17	Other

Total rows: 203

Query complete 00:00:00.116

✓ Successfully run. Total query runtime: 116 msec. 203 rows affected. ✕

LF Ln 11, Col 14

pgAdmin 4

File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork x



airport_database/postgres@labwork



No limit

Query

Query History

Scratch Pad x

```
1 select
2   booking_id,
3   ticket_price,
4   case
5     when ticket_price < 5000 then 'cheap'
6     when ticket_price between 5000 and 10000 then 'medium'
7     else 'expensive'
8   end as price_category
9 from booking order by ticket_price
```

Data Output Messages Notifications



Showing rows: 1 to 500

Page No: 1

of 1



	booking_id [PK] integer	ticket_price numeric (7,2)	price_category text
1	4	118.40	cheap
2	290	139.63	cheap
3	227	141.94	cheap
4	343	148.82	cheap
5	396	154.76	cheap
6	223	156.65	cheap

Total rows: 500

Query complete 00:00:00.120

✓ Successfully run. Total query runtime: 120 msec. 500 rows affected. ✕

LF Ln 9, Col 35

pgAdmin 4

File Object Tools Edit View Window Help



Object Explorer



airport_database/postgres@labwork* x



Schemas (1)

public

- > Aggregates
- > Collations
- > Domains
- > FTS Configurations
- > FTS Dictionaries
- > FTS Parsers
- > FTS Templates
- > Foreign Tables
- > Functions
- > Materialized Views
- > Operators
- > Procedures
- > Sequences
- > Tables (10)

- > airline
- > airport
- > baggage
- > baggage_check
- > boarding_pass
- > booking
- > booking_flight
- > flights
- > passengers
- > security_check
- > Trigger Functions
- > Types
- > Views
- > Subscriptions
- > postgres
- > Login/Group Roles
- > Tablespace

airport_database/postgres@labwork



Query

Query History

Scratch Pad x

```
1 select
2     airline_country,
3     count(airline_name) as total_airlines
4 from airline
5 group by airline_country
6 order by total_airlines desc;
```

Data Output Messages Notifications



	airline_country character varying (50)	total_airlines bigint
1	China	39
2	Indonesia	23
3	Brazil	11
4	Russia	11
5	Poland	10
6	Philippines	9

Total rows: 64 Query complete 00:00:00.103

Showing rows: 1 to 64 Page No: 1 of 1

✓ Successfully run. Total query runtime: 103 msec. 64 rows affected. ✕

LF Ln 2, Col 18

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

Procedures

Sequences

Tables (10)

airline

airport

baggage

baggage_check

boarding_pass

booking

booking_flight

flights

Columns (14)

flight_id

flight_no

scheduled_departure

scheduled_arrival

departure_airport_id

arrival_airport_id

departing_gate

arriving_gate

airline_id

status

actual_departure

actual_arrival

created_at

update_at

Constraints

Indexes

RLS Policies

Rules

Triggers

passengers

security_check

airport_database/postgres@labwork*

airport_database/postgres@labwork

No limit

Query

Query History

Scratch Pad

```
1 SELECT
2     flight_id,
3     flight_no,
4     actual_arrival,
5     scheduled_arrival
6 FROM flights
7 WHERE actual_arrival > scheduled_arrival
8
```

Data Output

Messages

Notifications

Showing rows: 1 to 509

Page No: 1 of 1

	flight_id [PK] integer	flight_no character varying (50)	actual_arrival date	scheduled_arrival date
1		1 US-CT	2023-11-07	2023-09-08
2		2 US-NM	2024-01-23	2023-09-17
3		4 RU-KR	2023-04-07	2023-03-18
4		8 US-AZ	2023-08-01	2023-04-08
5		9 IN-OR	2023-12-03	2023-09-19
6		12 CA-NL	2023-11-17	2023-06-04

Total rows: 509 Query complete 00:00:00.075

Successfully run. Total query runtime: 75 msec. 509 rows affected.

Ln 7, Col 33