

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost` (1 of 5)
- Selected schema: `lab2`
- Tables listed under `airline`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights`, `passengers`, `security_check`.

Console Tab (Top Right):

- Query ID: 1 ✓
- Query: `SELECT UPPER(airline_name) AS airline_name_uppercase FROM airline;`
- Status: Tx: Auto, Playground
- Result icon: `postgres.lab2`

Output Tab (Bottom Right):

- Table name: `airline_name_uppercase:text`
- Column: `airline_name_uppercase`
- Sample Data:

197	AIRLINE_197
198	AIRLINE_198
199	AIRLINE_199
200	AIRLINE_200
201	KAZAIR
202	AIREASY
203	FLYHIGH
204	FLYFLY
205	KAZAIR1
206	KAZAIR2
207	KAZAIR3
208	KAZAIR4
- Total Rows: 208

Services Tab (Bottom Left):

- Connected to `postgres@localhost` (389 ms)
- Selected tab: `console_5`

Bottom Status Bar:

- Database Consoles > `postgres@localhost` > `console_5`
- 3:1 LF UTF-8 4 spaces

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Console 5 (Top Right):

- Query ID: 1 (green checkmark)
- Query: `SELECT REPLACE(airline_name, 'Air', 'Aero') AS modified_airline_name`
- Query ID: 2
- Query: `FROM airline;`

Services (Bottom Left):

- Transactions (Tx):
- Connected to `postgres@localhost`
- Console 5 (353 ms)

Output (Bottom Right):

- Table: `modified_airline_name:text`
- Column: `modified_airline_name`
- Data (Partial):

	modified_airline_name
1	Aeroline_1
2	Aeroline_2
3	Aeroline_3
4	Aeroline_4
5	Aeroline_5
6	Aeroline_6
7	Aeroline_7
8	Aeroline_8
9	Aeroline_9
10	Aeroline_10
11	Aeroline_11
12	Aeroline_12
- Total Rows: 208

System Status (Bottom Right):

- Time: 2:14
- Line Endings: LF
- Character Encoding: UTF-8
- Spaces: 4 spaces

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost` (1 of 5)
- Selected schema: `lab2`
- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights`, `passengers`, `security_check`.

Console Tab (Top Right):

- Query ID: 1 ✓
- Query Text:

```
1 ✓ SELECT DISTINCT f.flight_id
2   FROM flights f
3   WHERE f.airline_id = 1
4     AND f.flight_id IN (SELECT flight_id FROM flights WHERE airline_id = 2);|
```

Output Tab (Bottom Right):

- Table: `postgres.lab2.flights`
- Column: `flight_id`
- Rows: 0 rows

Services Tab (Bottom Left):

- Connected to `postgres@localhost`
- Query: `console_5` 344 ms

Bottom Status Bar:

- Database Consoles > `postgres@localhost` > `console_5`
- 4:75 LF UTF-8 4 spaces

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost` (1 of 5)
- Selected schema: `lab2`
- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights`, `passengers`, `security_check`.

Console Tab (Top Right):

- Query ID: 1 ✓
- Query: `SELECT airport_name
FROM airport
WHERE airport_name ILIKE '%Air%'
OR airport_name ILIKE '%Reginal%';`
- Status: Postgres.lab2 ✓

Output Tab (Bottom Right):

- Table: `postgres.lab2.airport`
- Rows: 12 (Airport_1 to Airport_12)
- CSV export option available.

Services Tab (Bottom Left):

- Transactions (Tx): +, ⏪, ⏴, ⏵, ⏳, ⏷
- Database list: Database, `postgres@localhost`, `console_5` (352 ms), `airport` (392 ms)

Bottom Status Bar:

- Database Consoles > `postgres@localhost` > `console_5`
- Time: 4:38
- File Format: LF
- Encoding: UTF-8
- Spaces: 4 spaces

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost` (1 of 5)
- Selected database: `lab2`
- Tables under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights`, `passengers`, `security_check`.

Console Tab (Top Right):

- Query ID: 1 ✓
- Query:

```
SELECT first_name || ' ' || last_name AS full_name,
       TO_CHAR(date_of_birth, 'Month DD, YYYY') AS formatted_birth_date
  FROM passengers;
```
- Environment: Tx: Auto, Playground
- Result count: 26 rows

Services Tab (Bottom Left):

- Transactions (Tx): +, ⏪, ⏴, ⏵, ⏹, ⏷
- Connected to `postgres@localhost`
- Selected database: `console_5` (349 ms)
- Other databases: `airport` (392 ms)

Output Tab (Bottom Right):

- Result count: 26 rows
- Columns: `full_name` and `formatted_birth_date`
- Data Preview:

	full_name	formatted_birth_date
192	Name_192 Surname_192	July 11, 1980
193	Name_193 Surname_193	July 12, 1980
194	Name_194 Surname_194	July 13, 1980
195	Name_195 Surname_195	July 14, 1980
196	Name_196 Surname_196	July 15, 1980
197	Name_197 Surname_197	July 16, 1980
198	Name_198 Surname_198	July 17, 1980
199	Name_199 Surname_199	July 18, 1980
200	Name_200 Surname_200	July 19, 1980
201	AAA BBB	January 01, 2001
202	ТОТЯ ТОТЯ	January 01, 1990
203	Тайлер Тайлер	May 12, 1985

- CSV export options: CSV, ⏴, ⏵, ⏹, ⏷

Bottom Status Bar:

- Database Consoles > `postgres@localhost` > `console_5`
- Time: 2:32
- File Encoding: LF
- Character Set: UTF-8
- Spaces: 4 spaces

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost`.
- Selected database: `lab2`.
- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights` (highlighted), `passengers`, `security_check`.
- Public schema: `public`.

Console 5 (Top Center):

- Query ID: 1 ✓
- Query: `SELECT flight_id
FROM flights
WHERE act_arrival_time > sch_arrival_time;`
- Status: Executed successfully.

Output (Bottom Right):

- Table: `postgres.lab2.flights`.
- Column: `flight_id`.
- Data: 1 row, value: 999.

Services (Bottom Left):

- Transactions (Tx): +, ⊕, ⊖, X.
- Database: postgres@localhost, console_5 (385 ms), airport (392 ms).

System Headers:

- Top Bar: Lab 2 DB, Version control, Database Explorer, Console, Airport, ...
- Right Side: Database Explorer, Services, Output, Bottom Status Bar: 3:43, LF, UTF-8, 4 spaces, etc.

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost`.
- Selected database: `lab2`.
- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights`, `passengers`, `security_check`.
- Public schema: `public`.

Console 5 (Top Right):

- Query ID: `lab2`.
- Query Name: `console_5`.
- Table: `airport`.
- SQL Query:

```
1 ✓ SELECT first_name || ' ' || last_name AS full_name,
          CASE
              WHEN EXTRACT(YEAR FROM age(date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
              WHEN EXTRACT(YEAR FROM age(date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
              ELSE 'Other'
          END AS age_group
FROM passengers;
```

Services (Bottom Left):

- Transactions: `Tx`.
- Connections: `+ (1)`.
- Database: `Database`.
- Selected connection: `postgres@localhost`.
- Consoles: `console_5` (354 ms), `airport` (392 ms).

Result (Bottom Right):

- Output tab selected.
- Result set: `Result 31`.
- Columns: `full_name` and `age_group`.
- Data rows (approximate values):

full_name	age_group
Name_192 Surname_192	Adult
Name_193 Surname_193	Adult
Name_194 Surname_194	Adult
Name_195 Surname_195	Adult
Name_196 Surname_196	Adult
Name_197 Surname_197	Adult
Name_198 Surname_198	Adult
Name_199 Surname_199	Adult
Name_200 Surname_200	Adult
AAA BBB	Young
ТОТЯ ТОТЯ	Young
Тайлер Тайлер	Adult

- Total rows: `203 rows`.

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to **postgres@localhost**.
- Selected database: **lab2**.
- Tables listed under **lab2**: airline, airport, baggage, baggage_check, boarding_pass, booking, booking_flight, flights, passengers, security_check.
- Public schema listed under **public**.

Console 5 (Top Right):

- Query ID: lab2
- Query Name: console_5
- Table: airport
- Toolbar icons: play, stop, refresh, DDL, back, forward, search.
- Text area:

```
1 ✓  SELECT booking_id, ticket_price,
2          CASE
3              WHEN ticket_price < 5000 THEN 'Cheap'
4              WHEN ticket_price BETWEEN 5000 AND 10000 THEN 'Medium'
5              WHEN ticket_price > 10000 THEN 'Expensive'
6          END AS price_category
7      FROM booking;
```
- Status bar: Tx: Auto, Playground.

Result Grid (Bottom Right):

- Output tab selected.
- Result set: Result 32.
- Toolbar icons: refresh, search, CSV export.
- Table headers: booking_id, ticket_price, price_category.
- Data rows (rows 1-12):

booking_id	ticket_price	price_category
1	11501.15	Expensive
2	11502.30	Expensive
3	11503.45	Expensive
4	11504.60	Expensive
5	11505.75	Expensive
6	11506.90	Expensive
7	11508.05	Expensive
8	11509.20	Expensive
9	11510.35	Expensive
10	11511.50	Expensive
11	11512.65	Expensive
12	11513.80	Expensive
- Message: 200 rows.

Services (Bottom Left):

- Tx toolbar: +, (stop), (refresh), (undo), (redo).
- Database list:
 - postgres@localhost
 - console_5 (selected, 354 ms)
 - airport (392 ms)

Bottom Status Bar:

- Database Consoles > postgres@localhost > console_5
- Time: 7:14
- File Format: LF
- Encoding: UTF-8
- Spaces: 4 spaces

The screenshot shows a PostgreSQL database interface with the following details:

Database Explorer (Left Panel):

- Connected to `postgres@localhost`.
- Selected database: `lab2`.
- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights` (highlighted), `passengers`, `security_check`.
- Public schema: `public`.

Console 5 (Top Center):

- Query ID: 1 ✓
- Query: `SELECT airline_country, COUNT(airline_name) AS airline_count FROM airline GROUP BY airline_country;`
- Status: Tx: Auto, Playground.

Services (Bottom Left):

- Transactions: Tx
- Connections: +, (closed), (new), (refresh), (close), (cancel).
- Selected connection: `postgres@localhost`.
- Consoles: `console_5` (378 ms), `airport` (392 ms).

Result (Bottom Right):

- Output tab: Result 33 rows.
- Table output:

airline_country	airline_count
Turkey	1
Country_3	20
Country_1	20
Country_9	20
Country_6	20
Country_5	20
France	1
Country_4	20
Brazil	1
Kazakhstan	4
Country_8	
Poland	

- Details: 15 rows, page 1.

Bottom Status Bar:

- Database Consoles > `postgres@localhost` > `console_5`
- Time: 3:26
- File Encoding: LF
- Character Set: UTF-8
- Spaces: 4 spaces

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- Tables listed under `lab2`: `airline`, `airport`, `baggage`, `baggage_check`, `boarding_pass`, `booking`, `booking_flight`, `flights` (highlighted), `passengers`, `security_check`.
- Public schema: `public`.

Console 5 (Top Center):

- Query ID: 1 ✓
- Query: `SELECT flight_id
FROM flights
WHERE act_arrival_time > sch_arrival_time;`
- Execution status: Successful.

Output (Bottom Right):

- Table: `postgres.lab2.flights`.
- Column: `flight_id`.
- Data: 1 row, value: 999.

Services (Bottom Left):

- Transactions (Tx): +, ⊕, ⊖, X.
- Database list: Database, `postgres@localhost`, `console_5` (353 ms), `airport` (392 ms).

System Headers:

- Top right: Version control, three dots, search, settings.
- Bottom right: 3:43, LF, UTF-8, 4 spaces, file icons.