

pgAdmin 4

File Object Tools Edit View Window Help

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 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions
 - Types
 - Views

airline_db/postgres@PostgreSQL 17

Query Query History

```
1 -- task 1
2 SELECT UPPER(airline_name) AS airline_name_upper
3 FROM airline;
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 209 Page No: 1 of 1

	airline_name_upper text
1	IBERIA
2	CATHAY PACIFIC
3	ALITALIA
4	SOUTHWEST AIRLINES
5	AMERICAN AIRLINES
6	SAS SCANDINAVIAN
7	LATAM AIRLINES
8	SAS SCANDINAVIAN
9	BRITISH AIRWAYS

Servers > PostgreSQL 17 > Databases > airport_db > Schemas > public > Tables > airline_info 66 CRLF Ln 3, Col 14

Schemas (1)

public

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airline_info

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airport_db/postgres@PostgreSQL 17

No limit

Query Query History

```
1  -- task 1
2  SELECT UPPER(airline_name) AS airline_name_upper
3  FROM airline;
4
5  -- task 2
6  SELECT REPLACE(airline_name, 'Air', 'Aero') AS updated_airline_name
7  FROM airline;
```

Data Output Messages Notifications

Showing rows: 1 to 209

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of 1

	updated_airline_name text
1	Iberia
2	Cathay Pacific
3	Alitalia
4	Southwest Aerolines
5	American Aerolines
6	SAS Scandinavian
7	LATAM Aerolines
8	SAS Scandinavian
9	British Aeroways

Total rows: 209 Query complete 00:00:01.385

CRLF Ln 7, Col 14

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airline_db/postgres@PostgreSQL 17

Query Query History

```
1  -- task 1
2  SELECT UPPER(airline_name) AS airline_name_upper
3  FROM airline;
4
5  -- task 2
6  SELECT REPLACE(airline_name, 'Air', 'Aero') AS updated_airline_name
7  FROM airline;
8
9  -- task 3
10 SELECT departing_gate
11 FROM flights
12 WHERE airline_id IN (1, 2)
13 GROUP BY departing_gate
14 HAVING COUNT(DISTINCT airline_id) = 2;
15
```

Scratch Pad

Data Output Messages Notifications

departing_gate
text

Total rows: 0 Query complete 00:00:00.623 CRLF Ln 13, Col 24

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airplane_db/postgres@PostgreSQL 17

Query Query History

```
7 FROM airline,  
8  
9 -- task 3  
10 SELECT departing_gate  
11 FROM flights  
12 WHERE airline_id IN (1, 2)  
13 GROUP BY departing_gate  
14 HAVING COUNT(DISTINCT airline_id) = 2;  
15  
16 -- task 4  
17 SELECT *  
18 FROM airport  
19 WHERE airport_name ILIKE '%Regional%'  
20 AND airport_name ILIKE '%Air%';  
21
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 5 Page No: 1 of 1

	airport_id [PK] integer	airport_name character varying (50)	country character varying (50)	state character varying (50)	city character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone
1	376	Pocatello Regional Airport	France	Alberta	Manning	2002-10-26 00:00:00	2020-07-20 00:00:00
2	411	Humberto Ghizzo Bortoluzzi Regional Airport	France	Alberta	Peace River	2009-09-16 00:00:00	2001-04-10 00:00:00
3	438	Skagit Regional Airport	India	Alberta	Ponoka	2003-12-21 00:00:00	2001-04-16 00:00:00
4	453	Brookings Regional Airport	Japan	Alberta	Calgary	2005-11-13 00:00:00	2014-08-25 00:00:00
5	465	Tri-Cities Regional TN/VA Airport	Germany	Bremen	Bremen	2002-09-19 00:00:00	2019-06-26 00:00:00

Successfully run. Total query runtime: 1 secs 204 msec. 5 rows affected.

Total rows: 5 Query complete 00:00:01.204 CRLF Ln 18, Col 13

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airport_db/postgres@PostgreSQL 17

Query Query History

```
-- task 4
SELECT *
FROM airport
WHERE airport_name ILIKE '%Regional%'
AND airport_name ILIKE '%Air%';

-- task 5
SELECT
    first_name,
    TO_CHAR(date_of_birth, 'Month DD, YYYY')
FROM passengers;
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 200 Page No: 1 of 1

	first_name character varying (50)	to_char text
1	Orlando	July 29, 1982
2	Messi	February 02, 1986
3	Fidelity	November 26, 19...
4	Christine	October 09, 1982
5	Hedvige	January 28, 1991
6	Cora	July 20, 1979
7	Warren	April 13, 1992
8	Julietta	September 11, 19...
9	Aldwin	February 11, 1992

Total rows: 200 Query complete 00:00:00.163

CRLF Ln 24, Col 10

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 - > baggage_check
 - > boarding_pass
 - > booking
 - > booking_flight
 - > flights
 - > Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport_id
 - arriving_airport_id
 - departing_gate
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at

airport_db/postgres@PostgreSQL 17

Query Query History

```
18 FROM airport
19 WHERE airport_name ILIKE '%Regional%'
20 AND airport_name ILIKE '%Air%';
21
22 -- task 5
23 SELECT
24     first_name,
25     TO_CHAR(date_of_birth, 'Month DD, YYYY')
26 FROM passengers;
27
28 -- task 6
29 SELECT departing_gate
30 FROM flights
31 WHERE act_arrival_time > sch_arrival_time;
32
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 116 Page No: 1 of 1

	departing_gate
1	TRQ
2	BMH
3	OAR
4	IRA
5	NDR
6	SGW
7	SWW
8	GVL
9	INF

Total rows: 116 Query complete 00:00:00.156 CRLF Ln 31, Col 42

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 - airport
 - baggage
 - baggage_check
 - boarding_pass
 - booking
 - booking_flight
 - flights
- Columns (12)
 - flight_id
 - sch_departure_time
 - sch_arrival_time
 - departing_airport_id
 - arriving_airport_id
 - departing_gate
 - arriving_gate
 - airline_id
 - act_departure_time
 - act_arrival_time
 - created_at
 - updated_at

airport_db/postgres@PostgreSQL 17

Query

```
30 FROM flights
31 WHERE act_arrival_time > sch_arrival_time;
32
33 -- task 7
34 SELECT
35     first_name,
36     last_name,
37     date_of_birth,
38     CASE
39         WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
40         WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
41         ELSE 'Other'
42     END AS age_group
43 FROM passengers;
44
```

Query History

Scratch Pad

Data Output

Showing rows: 1 to 200 Page No: 1 of 1

	first_name character varying (50)	last_name character varying (50)	date_of_birth date	age_group text
1	Orlando	Orlando	1982-07-29	Adult
2	Messi	Messi	1986-02-02	Adult
3	Fidelity	Meers	1990-11-26	Young
4	Christine	Heistermann	1982-10-09	Adult
5	Hedvige	Hedvige	1991-01-28	Young
6	Cora	Gahan	1979-07-20	Adult
7	Warren	Frudd	1992-04-13	Young
8	Julieta	Given	1985-09-11	Adult
9	Aldwin	Pain	1992-02-11	Young

Total rows: 200 Query complete 00:00:01.018 CRLF Ln 44, Col 1

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airport_db/postgres@PostgreSQL 17

No limit

```
Query Query History
41
42     END AS age_group
43 FROM passengers;
44
45 -- task 8
46 SELECT
47     booking_id,
48     price,
49     CASE
50         WHEN price < 25 THEN 'Cheap'
51         WHEN price BETWEEN 25 AND 50 THEN 'Medium'
52         ELSE 'Expensive'
53     END AS price_category
54 FROM booking;
55
```

Data Output Messages Notifications

	booking_id [PK] integer	price numeric (7,2)	price_category text
25	22	24.99	Cheap
26	24	7.99	Cheap
27	26	29.99	Medium
28	27	14.99	Cheap
29	29	25.00	Medium
30	30	3.79	Cheap
31	31	2.99	Cheap
32	34	89.99	Expensive
33	35	4.99	Cheap

Showing rows: 1 to 204 Page No: 1 of 1

Total rows: 204 Query complete 00:00:00.330

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 - Columns (6)
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 - airline_code
 - airline_name
 - airline_country
 - created_at
 - updated_at
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
- airport
- baggage
- baggage_check
- boarding_pass

airport_db/postgres@PostgreSQL 17

Query History

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```
48 price,  
49 CASE  
50     WHEN price < 25 THEN 'Cheap'  
51     WHEN price BETWEEN 25 AND 50 THEN 'Medium'  
52     ELSE 'Expensive'  
53     END AS price_category  
54 FROM booking;  
55  
56 -- task 9  
57 SELECT  
58     airline_country,  
59     COUNT(airline_name)  
60 FROM airline  
61 GROUP BY airline_country;  
62
```

Data Output Messages Notifications

Showing rows: 1 to 13 Page No: 1 of 1

	airline_country character varying (50)	count bigint
1	Turkey	1
2	Spain	24
3	Brazil	19
4	Kazakhstan	5
5	Poland	1
6	Australia	15
7	Italy	21
8	Germany	23
9	Japan	17

Total rows: 13 Query complete 00:00:00.174

✓ Successfully run. Total query runtime: 174 msec. 13 rows affected. ✕

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 - baggage_check
 - boarding_pass
 - booking**
 - Columns (8)
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 - Triggers
 - booking_flight
 - flights
 - passengers
 - security_check
 - Trigger Functions

airport_db/postgres@PostgreSQL 17

Query Query History

```
-- task 9
57 SELECT
58     airline_country,
59     COUNT(airline_name)
60 FROM airline
61 GROUP BY airline_country;

-- task 10
64 SELECT
65     departing_gate,
66     sch_arrival_time,
67     act_arrival_time
68 FROM flights
69 WHERE act_arrival_time > sch_arrival_time;
70
```

Scratch Pad

Data Output Messages Notifications

Showing rows: 1 to 116 Page No: 1 of 1

	departing_gate text	sch_arrival_time timestamp without time zone	act_arrival_time timestamp without time zone
1	TRQ	2021-11-06 00:00:00	2023-09-26 00:00:00
2	BMH	2021-11-06 00:00:00	2024-04-03 00:00:00
3	OAR	2021-08-13 00:00:00	2024-03-20 00:00:00
4	IRA	2023-02-28 00:00:00	2024-08-03 00:00:00
5	NDR	2020-11-09 00:00:00	2023-12-18 00:00:00
6	SGW	2020-11-09 00:00:00	2023-11-13 00:00:00
7	SWW	2023-06-18 00:00:00	2024-08-03 00:00:00
8	GVL	2022-11-04 00:00:00	2023-08-28 00:00:00
9	IDF	2021-02-19 00:00:00	2025-09-15 00:00:00

Total rows: 116 Query complete 00:00:00.215

Successfully run. Total query runtime: 215 msec. 116 rows affected.

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