

Query Query History

```
1 -- 1
2 SELECT UPPER(airline_name) AS airline_name_upper
3 FROM Airline;
4
```

Scratch Pad

	airline_name_upper text
1	KAZAIR
2	AIREASY
3	FLYHIGH
4	FLYFLY

✓ Successfully run. Total query runtime: 48 msec. 4 rows affected. ✕

Query Query History

```
1 -- 2
2 SELECT REPLACE(airline_name, 'Air', 'Aero') AS modified_airline_name
3 FROM Airline;
```

	modified_airline_name text
1	KazAero
2	AeroEasy
3	FlyHigh
4	FlyFly

✓ Successfully run. Total query runtime: 72 msec. 4 rows affected. ✕

Query Query History

```
1 -- 3
2 SELECT flight_id
3 FROM Flights
4 WHERE airline_id IN (1, 2)
5 GROUP BY flight_id
6 HAVING COUNT(DISTINCT airline_id) = 2;
```

Scratch Pad

flight\_id  
[PK] integer

Welcome postgres/postgres... postgres/postgres... postgres/postgres@PostgreSQL 17\* postgres/postgres... public.airport/post...

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1 -- 4
2 SELECT *
3 FROM Airport
4 WHERE airport_name ILIKE '%Reginal%'
5     AND airport_name ILIKE '%Air%';
6
```

Scratch Pad

Data Output Messages Notifications

SQL

airport_id	airport_name	country	state	city	created_at	updated_at
[PK] integer	character varying (50)	character varying (50)	character varying (50)	character varying (50)	timestamp without time zone	timestamp without time zone

Servers > PostgreSQL 17 > Databases > postgres > Schemas > public > Tables > airport

CRLF Ln 6, Col 1

```
1
2 -- 5
3 SELECT first_name, last_name,
4        TO_CHAR(date_of_birth, 'Month DD, YYYY') AS formatted_birthdate
5 FROM Passengers;
```

first_name	last_name	formatted_birthdate
character varying (50)	character varying (50)	text

✓ Successfully run. Total query runtime: 56 msec. 0 rows affected. ✕

Welcome postgres/postgres... postgres/postgres... postgres/postgres@PostgreSQL 17\* postgres/postgres... public.airport/post...

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1
2  -- 6
3  ✓ SELECT flight_id
4  FROM Flights
5  WHERE act_arrival_time > sch_arrival_time;
```

Scratch Pad

Data Output Messages Notifications

SQL

flight\_id  
[PK] integer

✓ Successfully run. Total query runtime: 52 msec. 0 rows affected. ✕

Servers > PostgreSQL 17 > Databases > postgres > Schemas > public > Tables > airport

CRLF Ln 2, Col 5

Welcome postgres/postgres... postgres/postgres... postgres/postgres@PostgreSQL 17\* postgres/postgres... public.airport/post...

postgres/postgres@PostgreSQL 17

No limit

Query Query History

```
1
2 -- 10
3 SELECT flight_id, sch_arrival_time, act_arrival_time
4 FROM Flights
5 WHERE act_arrival_time > sch_arrival_time;
6
```

Scratch Pad

Data Output Messages Notifications

flight_id	sch_arrival_time	act_arrival_time
[PK] integer	timestamp without time zone	timestamp without time zone



```
1 -- 8
2 SELECT booking_id, ticket_price,
3        CASE
4            WHEN ticket_price < 5000 THEN 'Cheap'
5            WHEN ticket_price BETWEEN 5000 AND 20000 THEN 'Medium'
6            ELSE 'Expensive'
7        END AS price_category
8 FROM Booking;
9
```

booking_id	ticket_price	price_category
[PK] integer	numeric (7,2)	text

✓ Successfully run. Total query runtime: 56 msec. 0 rows affected. ✕



Query Query History Scratch Pad

```
1
2 -- 9
3 SELECT airline_country, COUNT(airline_name) AS airline_count
4 FROM Airline
5 GROUP BY airline_country;
```

	airline_country character varying (100)	airline_count bigint
1	France	1
2	Turkey	1
3	Brazil	1
4	Poland	1

✓ Successfully run. Total query runtime: 57 msec. 4 rows affected. ✕

```
1 -- 7
2 SELECT first_name, last_name,
3        CASE
4            WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 18 AND 35 THEN 'Young'
5            WHEN EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) BETWEEN 36 AND 55 THEN 'Adult'
6            ELSE 'Other'
7        END AS age_group
8 FROM Passengers;
```

first_name	last_name	age_group
character varying (50)	character varying (50)	text

✓ Successfully run. Total query runtime: 55 msec. 0 rows affected. ✕