

public.passengers/airport/postgres@PostgreSQL 17



Query Query History

```
1 WITH cuts AS (  
2     SELECT  
3         PERCENTILE_DISC(0.33) WITHIN GROUP (ORDER BY ticket_price) AS c1,  
4         PERCENTILE_DISC(0.66) WITHIN GROUP (ORDER BY ticket_price) AS c2  
5     FROM booking  
6 )  
7 SELECT b.booking_id, b.ticket_price,  
8     CASE  
9         WHEN b.ticket_price < c.c1 THEN 'Cheap'  
10        WHEN b.ticket_price <= c.c2 THEN 'Medium'  
11    END AS price_band  
12 FROM booking b CROSS JOIN cuts c  
13 ORDER BY b.ticket_price;  
14  
15
```

Data Output Messages Notifications



Showing rows: 1 to 27 Page No: 1

	booking_id [PK] integer	ticket_price numeric (7,2)	price_band text
5	5000	9700.00	Cheap
6	5003	9900.00	Cheap
7	5012	10450.00	Cheap
8	201	10800.00	Cheap
9	5001	10925.00	Medium
10	1	10925.00	Medium
11	5009	11000.00	Medium
12	5019	11450.00	Medium
13	205	11700.00	Medium

Total rows: 27 Query complete 00:00:03.641

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Query Query History Scratch Pad X

```
1 SELECT airline_id, UPPER(airline_name) AS airline_name_upper
2 FROM airline
3 ORDER BY airline_id;
```

Data Output Messages Notifications

SQL

Showing rows: 1 to 7 Page No: 1

	airline_id [PK] integer	airline_name_upper text
1	1	KAZAIR
2	2	AIREASY
3	3	SKAT
4	4	FLYFLY
5	9001	TESTFRANCE
6	9002	TESTPOLAND
7	9003	AIRKZ

Total rows: 7 Query complete 00:00:16.685

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Query Query History

Scratch Pad ×

```
1 SELECT airline_id,
2       airline_name AS original_name,
3       REPLACE(airline_name, 'Air', 'Aero') AS replaced_name
4 FROM airline
5 ORDER BY airline_id;
```

Data Output Messages Notifications



Showing rows: 1 to 7 Page No: 1

	airline_id [PK] integer	original_name character varying (50)	replaced_name text
1	1	KazAir	KazAero
2	2	AirEasy	AeroEasy
3	3	Skat	Skat
4	4	FlyFly	FlyFly
5	9001	TestFrance	TestFrance
6	9002	TestPoland	TestPoland
7	9003	AirKZ	AeroKZ

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Query Query History

```
1 WITH routes AS (SELECT DISTINCT departing_airport_id, arriving_airport_id, airline_id FROM flights
2 WHERE airline_id IN (1,2))
3 SELECT r1.departing_airport_id, r1.arriving_airport_id FROM routes r1 JOIN routes r2 ON r1.departing_airport_id = r2.
4 AND r1.arriving_airport_id = r2.arriving_airport_id WHERE r1.airline_id = 1 AND r2.airline_id = 2;
5
6
7
8
9
10
11
12
13
14
```

Data Output Messages Notifications



Showing rows: 1 to 2 Page No: 1

	departing_airport_id integer	arriving_airport_id integer
1	1	2
2	3	4

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Query Query History

```
1 SELECT * FROM airport WHERE airport_name ILIKE '%Regional%' AND airport_name ILIKE '%Air%';
```

Data Output Messages Notifications

SQL

Showing rows: 1 to 1 Page No: 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	206	Astana Regional Air Hub	Kazakhstan	Astana	Astana	2025-10-08 08:05:05.273575	2025-10-08 08:05:05.273575

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Query Query History

```
1 SELECT passenger_id,  
2         first_name || ' ' || last_name AS full_name,  
3         TO_CHAR(date_of_birth, 'Month DD, YYYY') AS birth_formatted  
4 FROM passengers  
5 ORDER BY passenger_id;  
6  
7  
8  
9  
10  
11  
12
```

Data Output Messages Notifications



Showing rows: 1 to 13 Page No: 1

	passenger_id [PK] integer	full_name text	birth_formatted text
1	1	Ayan Tanirbergen	May 21, 2006
2	2	Aruzhan Smailova	September 12, 2...
3	3	Dias Nurlybek	March 08, 2003
4	4	Aigerim Mukhamedova	December 23, 2...
5	5	Alikhan Kairatov	July 19, 2002
6	6	Madiyar Akhmet	October 05, 20...
7	7	Dana Iskakova	February 14, 20...
8	8	Adil Zhanbolat	August 09, 2003
9	9	Zarina Tulegen	January 27, 20...
10	10	Beksultan Orazbay	June 03, 2005
11	11	Serik Абылай	March 15, 1995

Total rows: 13 Query complete 00:00:28.830

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Query Query History

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SELECT flight_id FROM flights

WHERE act_arrival_time > sch_arrival_time ORDER BY flight_id;

Data Output Messages Notifications

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SQL

Showing rows: 1 to 5 ✎ Page No: 1

	flight_id [PK] integer ✎
1	1001
2	1002
3	1005
4	1006
5	1100

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Query Query History

```
1 SELECT passenger_id,
2     first_name, last_name,
3     EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth))::int AS age,
4     CASE
5         WHEN AGE(CURRENT_DATE, date_of_birth) BETWEEN INTERVAL '18 years' AND INTERVAL '25 years' THEN 'Young'
6         WHEN AGE(CURRENT_DATE, date_of_birth) > INTERVAL '25 years'
7             AND AGE(CURRENT_DATE, date_of_birth) <= INTERVAL '55 years' THEN 'Adult'
8         ELSE 'Other'
9     END AS age_group
10 FROM passengers
11 ORDER BY age_group, passenger_id;
12
```

Data Output Messages Notifications



Showing rows: 1 to 13 Page No: 1

	passenger_id [PK] integer	first_name character varying (50)	last_name character varying (50)	age integer	age_group text
1	11	Serik	Абылай	30	Adult
2	12	Nurlan	Bek	32	Adult
3	13	Alex	Alex	27	Adult
4	1	Ayan	Tanirbergen	19	Young
5	2	Aruzhan	Smailova	21	Young
6	3	Dias	Nurlybek	22	Young
7	4	Aigerim	Mukhamedova	19	Young
8	5	Alikhan	Kairatov	23	Young
9	6	Madiyar	Akhmet	24	Young
10	7	Dana	Iskakova	21	Young
11	8	Adil	Zhanbolat	22	Young

Total rows: 13 Query complete 00:00:07 906

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Query Query History

```
1 SELECT airline_country, COUNT(*) AS airlines_count
2 FROM airline
3 GROUP BY airline_country
4 ORDER BY airlines_count DESC, airline_country;
```

Data Output Messages Notifications



Showing rows: 1 to 4 Page No: 1

	airline_country character varying (50)	airlines_count bigint
1	France	2
2	Kazakhstan	2
3	Poland	2
4	Brazil	1

✓ Successfully run. Total query runtime: 1 secs 764 m

Total rows: 4 Query complete 00:00:01.764

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Query Query History

```
1 SELECT flight_id,  
2       sch_arrival_time,  
3       act_arrival_time,  
4       (act_arrival_time - sch_arrival_time) AS delay  
5 FROM flights  
6 WHERE act_arrival_time > sch_arrival_time  
7 ORDER BY delay DESC;  
8  
9  
10  
11  
12
```

Data Output Messages Notifications



Showing rows: 1 to 5 Page No: 1

	flight_id [PK] integer	sch_arrival_time timestamp without time zone	act_arrival_time timestamp without time zone	delay interval
1	1002	2025-09-25 12:00:00	2025-09-25 12:10:00	00:10:00
2	1005	2025-09-28 11:15:00	2025-09-28 11:25:00	00:10:00
3	1001	2025-09-24 10:19:00	2025-09-24 10:25:00	00:06:00
4	1006	2025-09-29 18:00:00	2025-09-29 18:05:00	00:05:00
5	1100	2025-10-10 14:30:00	2025-10-10 14:35:00	00:05:00