

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql X

db_course25/postgres@PostgreSQL 17

No limit

Query Query History

```
1 select * from flights
2
3 select upper(airline_name)
4 from airline
5
6 update
7 airline
8 set airline_name = replace(airline_name, 'Air', 'Aero')
9
10 select * from flights
11 select f1.flight_id
12 from flights f1
13 join flights f2 on
14 f1.flight_id = f2.flight_id
15 where f1.airline_id = 1 and f2.airline_id = 2
```

Data Output Messages Notifications

Showing rows: 1 to 210 Page No: 1 of 1

	upper text
1	UNITED AEROLINES
2	SAS SCANDINAVIAN
3	AERO CANADA
4	ALL NIPPON AEROWAYS
5	THAI AEROWAYS
6	AERO INDIA
7	LUFTHANSA
8	SOUTHWEST AEROLINES
9	KOREAN AERO
10	EMIRATES

Total rows: 210 Query complete 00:00:00.069

Successfully run. Total query runtime: 69 msec. 210 rows affected.

CRLF Ln 3, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql X

db_course25/postgres@PostgreSQL 17

No limit

Query Query History

```
1 select * from flights
2
3 select upper(airline_name)
4 from airline
5
6 update
7 airline
8 set airline_name = replace(airline_name, 'Air', 'Aero')
9
10 select * from flights
11 select f1.flight_id
12 from flights f1
13 join flights f2 on
14 f1.flight_id = f2.flight_id
15 where f1.airline_id = 1 and f2.airline_id = 2
16
```

Data Output Messages Notifications

UPDATE 210

Query returned successfully in 56 msec.

✓ Query returned successfully in 56 msec. ✕

Total rows: Query complete 00:00:00.056 CRLF Ln 6, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query Query History

```
1 select * from flights
2
3 select upper(airline_name)
4 from airline
5
6 update
7 airline
8 set airline_name = replace(airline_name, 'Air', 'Aero')
9
10 select * from airline
11 select f1.flight_id
12 from flights f1
13 join flights f2 on
14 f1.flight_id = f2.flight_id
15 where f1.airline_id = 1 and f2.airline_id = 2
```

Data Output Messages Notifications

Showing rows: 1 to 210 Page No: 1 of 1

	airline_id [PK] integer	airline_code character varying (30)	airline_name character varying (50)	airline_country character varying (50)	created_at timestamp without time zone	updated_at timestamp without time zone
1	3	AC	Aero Canada	Colombia	2016-03-28 09:05:26	2005-05-14 22:18:35
2	4	NH	All Nippon Aeroways	Kyrgyzstan	2001-03-24 09:37:26	2019-07-31 12:07:31
3	5	TG	Thai Aeroways	China	2006-12-18 17:37:36	2002-04-05 09:10:29
4	6	AI	Aero India	Poland	2012-10-29 15:24:01	2016-06-24 02:32:57
5	7	LH	Lufthansa	Indonesia	2015-09-12 00:15:18	2008-10-01 02:54:55
6	8	WN	Southwest Aerolines	Sweden	2014-06-10 08:41:56	2012-11-20 21:35:26
7	9	KE	Korean Aero	France	2006-01-04 08:01:43	2016-02-03 15:16:30
8	10	EK	Emirates	China	2016-05-18 14:58:33	2020-08-11 15:41:36
9	11	AM	Aeromexico	France	2010-07-08 16:55:42	2012-02-19 04:25:04
10	12	AA	American Aerolines	Indonesia	2006-11-11 11:17:37	2001-03-16 00:46:56

Total rows: 210 Query complete 00:00:00.244

Successfully run. Total query runtime: 244 msec. 210 rows affected.

CRLF Ln 10, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query Query History

```
6 Update
7 airline
8 set airline_name = replace(airline_name, 'Air', 'Aero')
9
10 select * from airline
11 select f1.flight_id
12 from flights f1
13 join flights f2 on
14 f1.flight_id = f2.flight_id
15 where f1.airline_id = 1 and f2.airline_id = 2
16
17 select airport_name
18 from airport
19 where airport_name like '%Reginal%' and airport_name like '%Air%'
20
21 select first_name,
```

Data Output Messages Notifications

flight_id
[PK] integer

Total rows: 0 Query complete 00:00:00.073

Successfully run. Total query runtime: 73 msec. 0 rows affected.

CRLF Ln 11, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query Query History

```
11 select f1.flight_id
12 from flights f1
13 join flights f2 on
14 f1.flight_id = f2.flight_id
15 where f1.airline_id = 1 and f2.airline_id = 2
16
17 select airport_name
18 from airport
19 where airport_name like '%Reginal%' and airport_name like '%Air%'
20
21 select first_name,
22 TO_CHAR(date_of_birth, 'Month DD, YYYY') date_of_birth
23 from passengers
24
25 select first_name || ' ' || last_name as full_name,
26 extract(year from age(current_date, date_of_birth)) age,
```

Data Output Messages Notifications

airport_name
character varying (50)

Successfully run. Total query runtime: 93 msec. 0 rows affected.

Total rows: 0 Query complete 00:00:00.093 CRLF Ln 17, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

No limit

Query Query History

```
17 select airport_name
18 from airport
19 where airport_name like '%Reginal%' and airport_name like '%Air%'
20
21 select first_name,
22 TO_CHAR(date_of_birth, 'Month DD, YYYY') date_of_birth
23 from passengers
24
25 select first_name || ' ' || last_name as full_name,
26 extract(year from age(current_date, date_of_birth)) age,
27 case
28 when extract(year from age(current_date, date_of_birth)) between 18 and 35 then 'Young'
29 when extract(year from age(current_date, date_of_birth)) between 36 and 55 then 'Adult'
30 else 'other'
31 end as age_group
32 from passengers
```

Data Output Messages Notifications

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

	first_name character varying (50)	date_of_birth text
11	Minette	December 05, 1930
12	Deerdre	November 18, 1908
13	Milissent	February 10, 1966
14	Ernestine	January 03, 1947
15	Amalle	March 10, 1943
16	Malynda	November 23, 1927
17	Dolli	August 08, 1908
18	Rosanna	July 09, 1972
19	Angelita	January 29, 1912
20	Mace	June 13, 1989

Total rows: 204 Query complete 00:00:00.094 CRLF Ln 21, Col 1

pgAdmin 4

FileObjectToolsEditViewWindowHelp

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query

Query History

```
24
25 select first_name || ' ' || last_name as full_name,
26        extract(year from age(current_date, date_of_birth)) age,
27        case
28        when extract(year from age(current_date, date_of_birth)) between 18 and 35 then 'Young'
29        when extract(year from age(current_date, date_of_birth)) between 36 and 55 then 'Adult'
30        else 'other'
31        end as age_group
32 from passengers
33
34 select flight_id from flights
35 where act_arrival_time > sch_arrival_time
36
37
38
39
```

Data Output

Messages

Notifications

Showing rows: 1 to 204

Page No: 1 of 1

	full_name text	age numeric	age_group text
1	Husein Stot	83	other
2	Stephanie Vondrys	87	other
3	Timotheus Marham	102	other
4	Mab McGrail	45	Adult
5	Eadith Pallent	51	Adult
6	Fletch Castlake	124	other
7	Glynda Bras	118	other
8	Magdalena Mowne	68	other
9	Evangelin Joskowicz	18	Young
10	Ole Rizzotto	73	other

✓ Successfully run. Total query runtime: 60 msec. 204 rows affected. ✕

Total rows: 204 Query complete 00:00:00.060 CRLF Ln 32, Col 16

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query Query History

```
23 from passengers
24
25 select first_name || ' ' || last_name as full_name,
26        extract(year from age(current_date, date_of_birth)) age,
27        case
28        when extract(year from age(current_date, date_of_birth)) between 18 and 35 then 'Young'
29        when extract(year from age(current_date, date_of_birth)) between 36 and 55 then 'Adult'
30        else 'other'
31        end as age_group
32 from passengers
33
34 select flight_id from flights
35 where act_arrival_time > sch_arrival_time
36
37
38
```

Data Output Messages Notifications

Showing rows: 1 to 103 Page No: 1 of 1

	flight_id [PK] integer
1	1
2	3
3	4
4	6
5	7
6	9
7	10
8	13
9	14
10	20

Total rows: 103 Query complete 00:00:00.087

Successfully run. Total query runtime: 87 msec. 103 rows affected.

CRLF Ln 34, Col 1

pgAdmin 4

FileObjectToolsEditViewWindowHelp

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

Query

Query History

```
38
39
40 select booking_id, ticket_price,
41 case
42 when ticket_price < 200 then 'cheap'
43 when ticket_price between 200 and 500 then 'medium'
44 else 'expensive'
45 end as prices
46 from booking
47
48 select airline_country, count(airline_country) counted
49 from airline
50 group by airline_country
51
52 select flight_id, airline_id, sch_arrival_time, act_arrival_time
53 from flight
```

Data Output

Messages

Notifications

Showing rows: 1 to 205

Page No: 1 of 1

	booking_id [PK] integer	ticket_price numeric (7,2)	prices text	
1	201	800.00	expensive	
2	250	450.00	medium	
3	260	520.00	expensive	
4	270	300.00	medium	
5	280	750.00	expensive	
6	20	1761.67	expensive	
7	21	4234.11	expensive	
8	22	4302.84	expensive	
9	23	2923.36	expensive	
10	24	1790.66	expensive	

✓ Successfully run. Total query runtime: 90 msec. 205 rows affected. ✕

Total rows: 205

Query complete 00:00:00.090

CRLF

Ln 40, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome tab4queries.sql* X

db_course25/postgres@PostgreSQL 17

No limit

Query Query History

```
40 select booking_id, ticket_price,
41 case
42 when ticket_price < 200 then 'cheap'
43 when ticket_price between 200 and 500 then 'medium'
44 else 'expensive'
45 end as prices
46 from booking
47
48 select airline_country, count(airline_country) counted
49 from airline
50 group by airline_country
51
52 select flight_id, airline_id, sch_arrival_time, act_arrival_time
53 from flights
54 where act_arrival_time > sch_arrival_time
55
```

Data Output Messages Notifications

Showing rows: 1 to 63 Page No: 1 of 1

	airline_country character varying (50)	counted bigint
1	Indonesia	17
2	Italy	1
3	Cameroon	1
4	Czech Republic	4
5	Sweden	2
6	USA	1
7	United Kingdom	2
8	Dominican Republic	2
9	Cambodia	1
10	Germany	1

Total rows: 63 Query complete 00:00:00.064

Successfully run. Total query runtime: 64 msec. 63 rows affected.

CRLF Ln 48, Col 1

pgAdmin 4

File Object Tools Edit View Window Help

Welcome lab4queries.sql* X

db_course25/postgres@PostgreSQL 17

No limit

Query Query History

```
40 select booking_id, ticket_price,
41 case
42 when ticket_price < 200 then 'cheap'
43 when ticket_price between 200 and 500 then 'medium'
44 else 'expensive'
45 end as prices
46 from booking
47
48 select airline_country, count(airline_country) counted
49 from airline
50 group by airline_country
51
52 select flight_id, airline_id, sch_arrival_time, act_arrival_time
53 from flights
54 where act_arrival_time > sch_arrival_time
55
```

Data Output Messages Notifications

Showing rows: 1 to 103 Page No: 1 of 1

	flight_id [PK] integer	airline_id integer	sch_arrival_time timestamp without time zone	act_arrival_time timestamp without time zone
1	1	1	2002-01-16 02:55:55	2038-06-22 22:32:29
2	3	3	2019-01-25 21:35:49	2045-11-26 01:50:08
3	4	4	2020-01-01 19:09:58	2050-05-10 13:34:22
4	6	6	2020-11-17 03:35:25	2043-08-23 21:57:47
5	7	7	2017-07-22 14:55:00	2029-05-02 15:07:55
6	9	9	2000-05-24 10:09:08	2035-04-23 11:51:12
7	10	10	2003-09-28 19:35:03	2044-01-01 23:45:02
8	13	13	2028-02-19 09:18:55	2028-06-18 01:44:40
9	14	14	2008-08-06 20:57:54	2009-05-19 21:44:31
10	20	20	2000-01-04 10:06:22	2013-12-24 17:52:13

Total rows: 103 Query complete 00:00:00.122 CRLF Ln 52, Col 1