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labw2/postgres@PostgreSQL 17\*

public.passengers...

labw2/postgres@PostgreSQL 17

Query Query History

Scratch Pad

1 select \* from passengers where first\_name=last\_name;

Data Output Messages Notifications

passenger_id	first_name	last_name	date_of_birth	gender	country_of_citizenship	country_of_residence	passport_number	creation_time
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Total rows: 0 Query complete 00:00:00.141

LF Ln 1, Col 53

pgAdmin 4 Object Tools Edit View Window Help

labw2/postgres@PostgreSQL 17\* x public.passengers... x

labw2/postgres@PostgreSQL 17

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Query Query History

```
1 select distinct last_name from passengers;
```

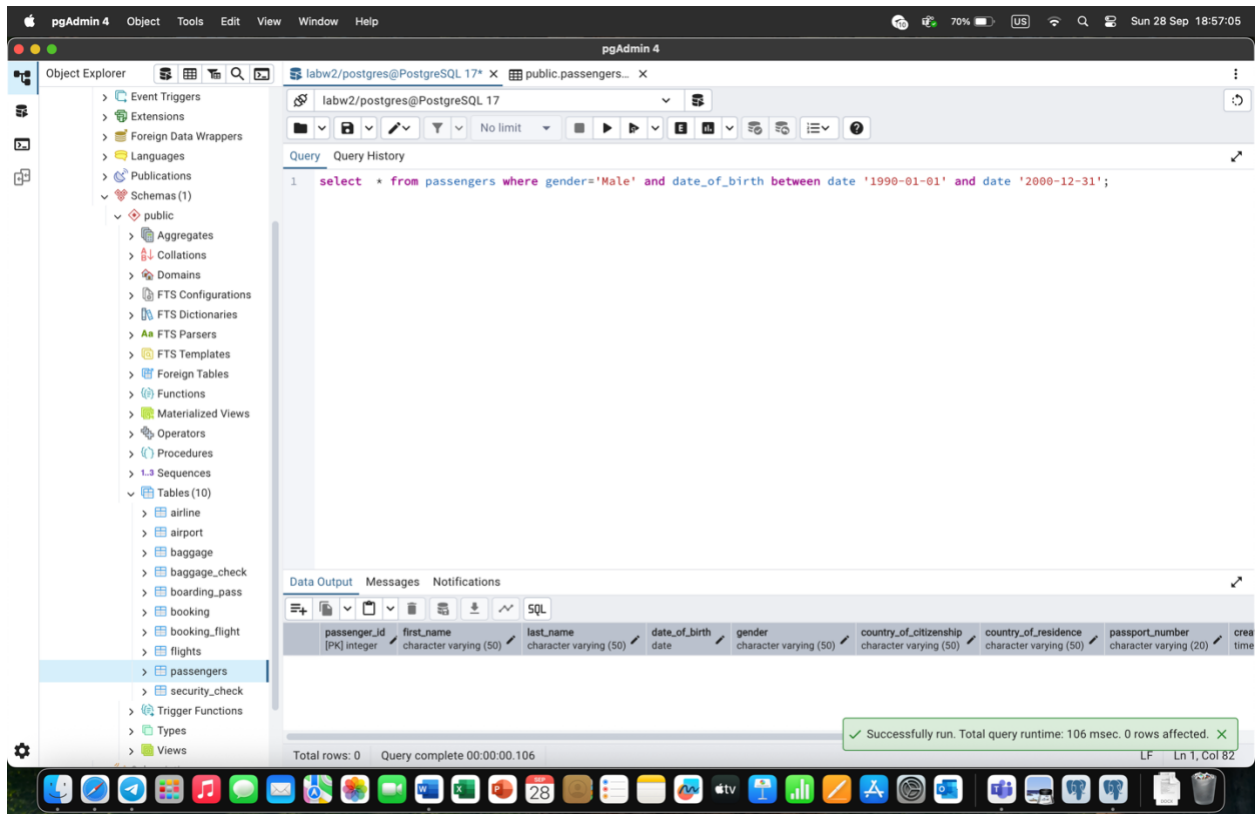
Scratch Pad

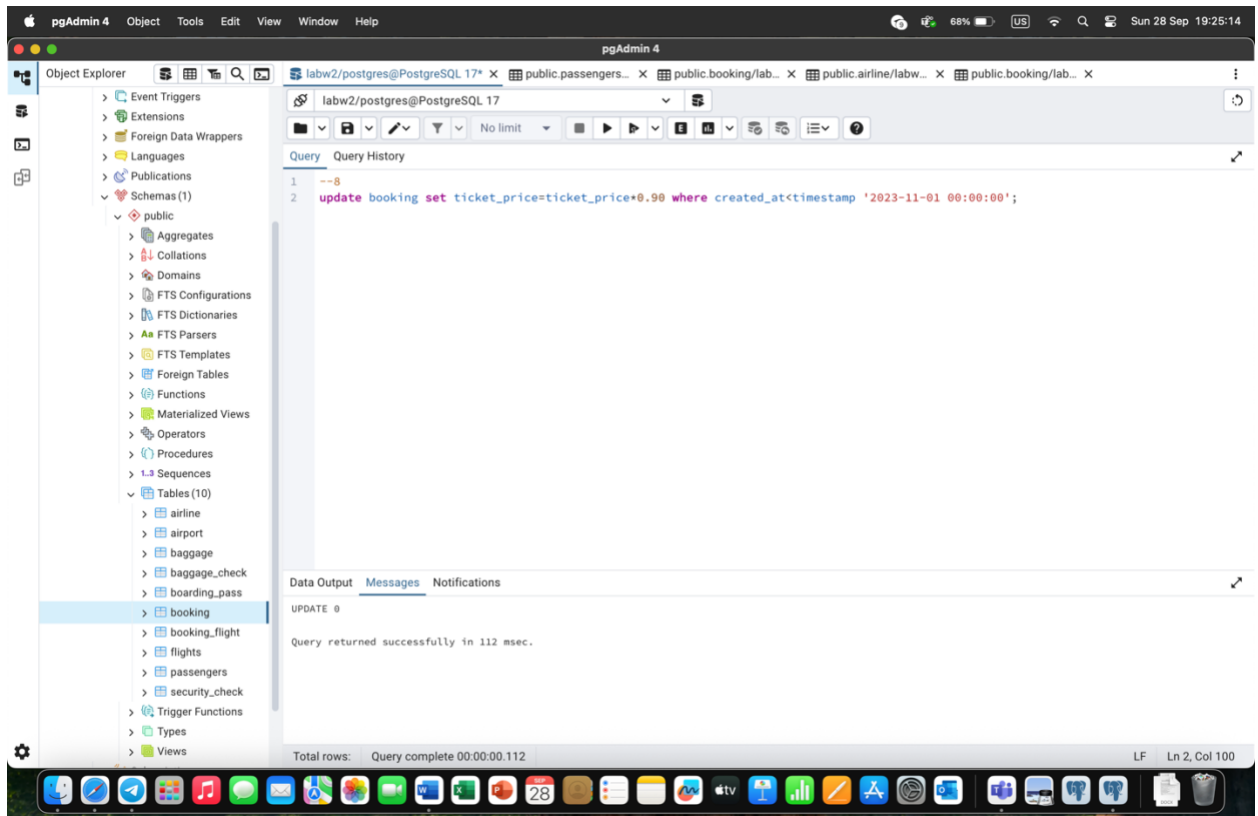
Data Output Messages Notifications

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

	last_name character varying (50)
197	Surname_131
198	Surname_8
199	Surname_200
200	Surname_54

Total rows: 200 Query complete 00:00:00.110 LF Ln 1, Col 43





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labw2/postgres@PostgreSQL 17\* x public.passengers... x public.booking/lab... x public.airline/labw... x

labw2/postgres@PostgreSQL 17

No limit

Query Query History

```
1 --7
2 select airline_name from airline where airline_country='Kazakhstan';
```

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Data Output Messages Notifications

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

	airline_name character varying (50)
1	Airline_1
2	Airline_2
3	Airline_3
4	Airline_4

Total rows: 200 Query complete 00:00:00.194 LF Ln 2, Col 69

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labw2/postgres@PostgreSQL 17\* public.booking/labw2 public.baggage\_ch... public.baggage/la... public.passengers...

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Query Query History

```
1 --10
2 select first_name,last_name,date_of_birth from passengers order by date_of_birth asc limit 1;
3
```

Data Output Messages Notifications

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

	first_name character varying (50)	last_name character varying (50)	date_of_birth date
1	Name_1	Surname_1	1980-01-01

Total rows: 1 Query complete 00:00:00.060

LF Ln 2, Col 85

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labw2/postgres@PostgreSQL 17\* public.booking/lab... public.baggage\_ch... public.baggage/la...

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Query Query History

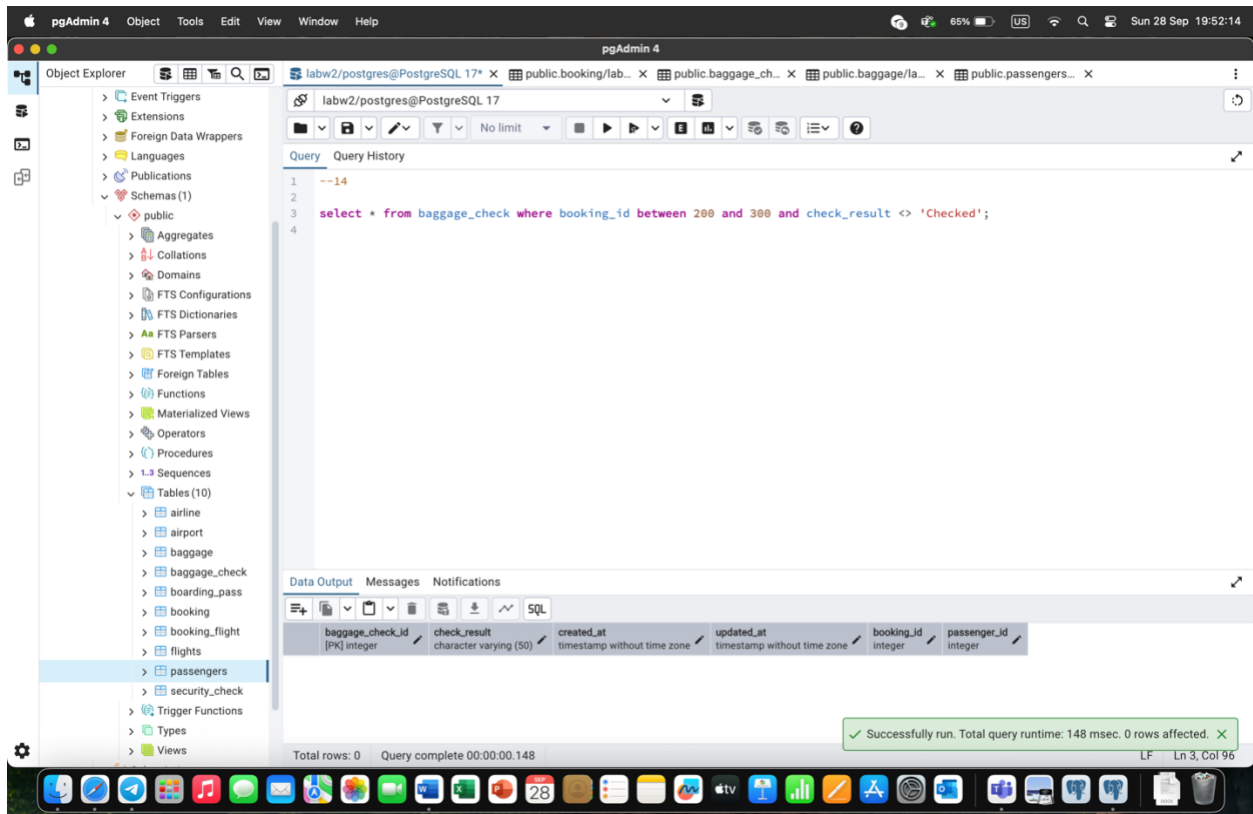
```
1 --9
2 select * from baggage where weight_in_kg>25 order by weight_in_kg desc limit 3;
```

Data Output Messages Notifications

baggage_id	weight_in_kg	created_at	updated_at	booking_id
[PK] integer	numeric (4,2)	timestamp without time zone	timestamp without time zone	integer

Total rows: 0 Query complete 00:00:00.067

LF Ln 2, Col 80





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labw2/postgres@PostgreSQL 17\* x public.booking/lab... x public.baggage\_ch... x public.baggage/la... x public.passengers...

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Query Query History

```
--13
select * from airline order by created_at desc limit 5;
```

Data Output Messages Notifications

Showing rows: 1 to 5 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	201	a	airastana	kazakhstan	2025-09-24 14:25:50.137037	2025-09-24 14:25:50.137037
2	3	AC3	Airline_3	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257
3	4	AC4	Airline_4	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257
4	5	ACS	Airline_5	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257

Total rows: 5 Query complete 00:00:00.136

LF Ln 2, Col 56

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labw2/postgres@PostgreSQL 17\* x public.booking/labw2 x public.baggage/labw2 x public.baggage/labw2 x public.passengers/labw2

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Query

```
--15
select * from baggage_check where extract(year from updated_at)=extract(year from created_at) and
extract(month from updated_at)=extract(month from created_at) and updated_at<created_at;
```

Data Output

baggage_check_id	check_result	created_at	updated_at	booking_id	passenger_id
[PK] integer	character varying (50)	timestamp without time zone	timestamp without time zone	integer	integer

Total rows: 0 Query complete 00:00:00.090

LF Ln 5, Col 1

pgAdmin 4 Object Tools Edit View Window Help 62% US Sun 28 Sep 20:22:32

labw2/postgres@PostgreSQL 17\* x public.airline/labw2

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Query Query History

```
--12
select * from airline where airline_code ~'[0-9]';
```

Data Output Messages Notifications

Showing rows: 1 to 200 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	AC1	Airline_1	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257
2	AC2	Airline_2	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257
3	AC3	Airline_3	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257
4	AC4	Airline_4	Kazakhstan	2025-09-23 19:41:42.585257	2025-09-23 19:41:42.585257

Total rows: 200 Query complete 00:00:00.072 LF Ln 2, Col 51

pgAdmin 4 Object Tools Edit View Window Help 63% US Sun 28 Sep 20:17:33

labw2/postgres@PostgreSQL 17\* x public.airline/labw...

labw2/postgres@PostgreSQL 17

No limit

Query Query History

```
1 select * from airline where airline_country in ('France','Portugal','Poland')
2 and created_at between date '2023-11-01' and date '2024-03-31';
3 --
```

Data Output Messages Notifications

airline_id	airline_code	airline_name	airline_country	created_at	updated_at
[PK] integer	character varying (30)	character varying (50)	character varying (50)	timestamp without time zone	timestamp without time zone

Total rows: 0 Query complete 00:00:00.163 L.F Ln 3, Col 4

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public.flights/labw2...

public.airport/labw2...

labw2/postgres@PostgreSQL 17

Query Query History

```
1 --5
2 select * from flights where arriving_airport_id in(select airport_id from airport where country='China');
```

Data Output Messages Notifications

flight_id	sch_departure_time	sch_arrival_time	departing_airport_id	arriving_airport_id	departing_gate	arriving_gate	airline_id	act_de
[PK] integer	timestamp without time zone	timestamp without time zone	integer	integer	text	character varying (50)	integer	timesti

Total rows: 0 Query complete 00:00:00.112 LF Ln 2, Col 106

Object Explorer

labw2/postgres@PostgreSQL 17\*

labw2/postgres@PostgreSQL 17

Query

```
1 --4
2 select extract (year from created_at) as booking_year,extract(month from created_at) as booking_month_num,sum(ticket_price) as
3 total_month_num from booking group by booking_year,booking_month_num order by booking_year,booking_month_num;
```

Data Output

booking_year	booking_month_num	total_month_num
2025	9	2323115.00

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

Total rows: 1 Query complete 00:00:00.063

pgAdmin 4

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labw2/postgres@PostgreSQL 17\*

labw2/postgres@PostgreSQL 17

Query

```
1 --11
2 select booking_platform,min(ticket_price) as cheapest_price from booking group by booking_platform order by booking_platform;
```

Data Output

booking_platform	cheapest_price
Website	11501.15

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

Total rows: 1 Query complete 00:00:00.056