



```
1 ✓ SELECT f.flight_id, f.actual_departure, f.actual_arrival,
2      dep.airport_name AS departure_airport,
3      arr.airport_name AS arrival_airport
4  FROM flights f
5 JOIN airline a ON f.airline_id = a.airline_id
6 JOIN airport dep ON f.departure_airport_id = dep.airport_id
7 JOIN airport arr ON f.arrival_airport_id = arr.airport_id
8 WHERE a.airline_name = 'NGL';
9
10
```



	flight_id integer	actual_departure date	actual_arrival date	departure_airport character varying (50)	arrival_airport character varying (50)
1	17	2023-11-23	2023-04-17	Figari Sud-Corse Airport	Figari Sud-Corse Airport
2	21	2023-10-28	2023-09-21	Tom Price Airport	Armidale Airport
3	51	2023-12-05	2023-04-27	Industrial Airpark	Zephyrhills Municipal Airport
4	60	2023-08-18	2023-05-01	Zephyrhills Municipal Airport	Industrial Airpark
5	110	2023-12-29	2023-08-20	Elorza Airport	Bermuda Dunes Airport
6	192	2023-04-14	2023-04-23	Akunaq Heliport	Armidale Airport
7	284	2024-03-15	2024-02-28	Longana Airport	Darchula Airport
8	300	2023-05-14	2023-03-20	Tom Price Airport	Tom Price Airport
9	305	2023-06-09	2024-01-12	Tom Price Airport	Darchula Airport
10	355	2023-06-26	2023-12-24	Figari Sud-Corse Airport	Hana Airport
11	411	2023-11-08	2023-07-16	Elorza Airport	Longana Airport
12	417	2023-05-20	2023-09-30	Elorza Airport	Garbaharey Airport

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 select f.flight_id, f.actual_departure, f.actual_arrival,
2       dep.airport_name as departure_airport,
3       a.airline_name
4  from flights f
5 join airport dep on f.departure_airport_id = dep.airport_id
6 join airline a on f.airline_id = a.airline_id;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 1

	flight_id integer	actual_departure date	actual_arrival date	departure_airport character varying (50)	airline_name character varying (50)
1	1	2023-10-30	2023-11-07	Elorza Airport	GYA
2	2	2024-02-09	2024-01-23	Figari Sud-Corse Airport	SMM
3	3	2024-02-21	2023-05-14	Darchula Airport	SMM
4	4	2023-10-10	2023-04-07	Lime Acres Finsch Mine Airport	BLD
5	5	2023-11-18	2023-07-02	Hana Airport	PIR
6	6	2024-02-19	2023-04-28	Darchula Airport	SMM
7	7	2023-12-04	2023-07-12	Ocean Falls Seaplane Base	SOZ
8	8	2023-07-10	2023-08-01	Figari Sud-Corse Airport	KOQ
9	9	2023-06-17	2023-12-03	Hana Airport	IFH
10	10	2023-05-23	2023-04-26	Longana Airport	NHT
11	11	2024-02-06	2023-05-15	Delta County Airport	YBQ
12	12	2023-04-28	2023-11-17	Elorza Airport	KKL

Total rows: 1000 Query complete 00:00:00.092 CRLF Ln 6, Col 47

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 select a.airline_id, a.airline_name
2 from airline a
3 left join flights f
4 on a.airline_id = f.airline_id
5 and f.actual_departure >= date_trunc('month', current_date) + interval '1 month'
6 and f.actual_departure < date_trunc('month', current_date) + interval '2 months'
7 where f.flight_id is null;
```

Data Output Messages Notifications

Showing rows: 1 to 50 Page No: 1 of 1

	airline_id [PK] integer	airline_name character varying (50)
1	20	SSL
2	25	CLY
3	26	YHB
4	27	KKL
5	11	IVA
6	39	GYA
7	17	YLP
8	33	BLD
9	31	YEK
10	34	SMM
11	12	KOQ
12	10	SOZ

Total rows: 50 Query complete 00:00:00.145 CRLF Ln 7, Col 27

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 --4
2 select p.passenger_id,
3        p.first_name || ' ' || p.last_name as full_name,
4        p.passport_number
5 from booking_flight bf
6 join booking b on bf.booking_id = b.booking_id
7 join passengers p on b.passenger_id = p.passenger_id
8 where bf.flight_id = 101;
```

Data Output Messages Notifications

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

	passenger_id	full_name	passport_number
1	106	Auria Breffit	570537341-4

Total rows: 1 Query complete 00:00:00.095 CRLF Ln 6, Col 36

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 --5
2 select f.flight_id,
3       count(b.booking_id) as tickets_sold,
4       round(avg(b.price), 2) as avg_price,
5       sum(b.price) as total_revenue,
6       max(b.price) as max_price,
7       min(b.price) as min_price
8 from flights f
9 join booking_flight bf on f.flight_id = bf.flight_id
10 join booking b on bf.booking_id = b.booking_id
11 group by f.flight_id
12 order by f.flight_id;
```

Data Output Messages Notifications

Showing rows: 1 to 614 Page No: 1 of 1

	flight_id [PK] integer	tickets_sold	avg_price	total_revenue	max_price	min_price
1	1	1	6631.86	6631.86	6631.86	6631.86
2	2	1	2268.04	2268.04	2268.04	2268.04
3	3	1	1474.88	1474.88	1474.88	1474.88
4	4	1	4044.13	4044.13	4044.13	4044.13
5	5	3	6505.64	19516.92	9609.91	1732.92
6	6	1	5331.63	5331.63	5331.63	5331.63
7	7	1	623.84	623.84	623.84	623.84
8	9	1	826.19	826.19	826.19	826.19
9	11	3	6905.38	20716.15	8979.81	4695.92
10	12	2	6999.97	13999.93	8217.56	5782.37
11	13	2	4721.94	9443.88	7035.28	2408.60
12	15	1	2399.83	2399.83	2399.83	2399.83

Total rows: 614 Query complete 00:00:00.140 CRLF Ln 12, Col 22

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 --6
2 select f.flight_id, a.airline_name,
3     dep.airport_name as departure_airport,
4     arr.airport_name as arrival_airport,
5     arr.country as destination_country
6 from flights f
7 join airline a on f.airline_id = a.airline_id
8 join airport dep on f.departure_airport_id = dep.airport_id
9 join airport arr on f.arrival_airport_id = arr.airport_id
10 where arr.country = 'China';
11
```

Data Output Messages Notifications

Showing rows: 1 to 238 Page No: 1 of 1

	flight_id integer	airline_name character varying (50)	departure_airport character varying (50)	arrival_airport character varying (50)	destination_country character varying (50)
1	3	SMM	Darchula Airport	Elorza Airport	China
2	9	IFH	Hana Airport	Pitalito Airport	China
3	13	IPC	Figari Sud-Corse Airport	Melilla Airport	China
4	14	QIG	Darchula Airport	Lime Acres Finsch Mine Airport	China
5	23	YLP	Alert Bay Airport	Lime Acres Finsch Mine Airport	China
6	24	CSC	Lime Acres Finsch Mine Airport	Pitalito Airport	China
7	25	PQS	Ocean Falls Seaplane Base	Elorza Airport	China
8	34	DNJU	Bermuda Dunes Airport	Lime Acres Finsch Mine Airport	China
9	39	SJS	Elorza Airport	Elorza Airport	China
10	41	DUC	Alert Bay Airport	Pitalito Airport	China
11	45	RUG	Delta County Airport	Melilla Airport	China
12	47	NHT	Henri Coandă International Airport	Melilla Airport	China

Total rows: 238 Query complete 00:00:00.082 CRLF Ln 1, Col 4

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 --7
2 select p.passenger_id,
3       p.first_name || ' ' || p.last_name as full_name,
4       extract(year from age(current_date, p.date_of_birth)) as age,
5       arr.airport_name as destination_airport,
6       arr.city, arr.country
7   from booking_flight bf
8   join booking b on bf.booking_id = b.booking_id
9   join passengers p on b.passenger_id = p.passenger_id
10  join flights f on bf.flight_id = f.flight_id
11  join airport arr on f.arrival_airport_id = arr.airport_id
12 where extract(year from age(current_date, p.date_of_birth)) < 18
13 order by age desc;
```

Data Output Messages Notifications

Showing rows: 1 to 37 Page No: 1 of 1

	passenger_id	full_name	age	destination_airport	city	country
1	34	Gwennie Chinne...	17	Alert Bay Airport	Dubrava	Croatia
2	80	Bradley Grolle	17	Armidale Airport	Sirari	Tanzania
3	80	Bradley Grolle	17	Lime Acres Finsch Mine Airport	Tielu	China
4	80	Bradley Grolle	17	Lime Acres Finsch Mine Airport	Tielu	China
5	70	Lester Blades	17	Elgari Sud-Corse Airport	Itapetinga	Brazil
6	80	Bradley Grolle	17	Hana Airport	Wilmington	United States
7	34	Gwennie Chinne...	17	Elorza Airport	Shuiting	China
8	70	Lester Blades	17	Longana Airport	Paghmān	Afghanistan
9	34	Gwennie Chinne...	17	Darchula Airport	Hilotongan	Philippines
10	34	Gwennie Chinne...	17	Zephyrhills Municipal Airport	Cankova	Slovenia
11	70	Lester Blades	17	Armidale Airport	Sirari	Tanzania
12	70	Lester Blades	17	Fort Worth Alliance Airport	Rogōźno	Poland

Total rows: 37 Query complete 00:00:00.074 CRLF Ln 4, Col 69

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File Object Tools Edit View Window Help

Welcome Lab1ok/postgres@Lab_1*

Lab1ok/postgres@Lab_1 No limit

Query History Scratch Pad

```
1 --8
2 select p.first_name || ' ' || p.last_name as full_name,
3       p.passport_number,
4       f.actual_arrival as arrival_time,
5       arr.airport_name as destination
6   from booking_flight bf
7  join booking b on bf.booking_id = b.booking_id
8  join passengers p on b.passenger_id = p.passenger_id
9  join flights f on bf.flight_id = f.flight_id
10 join airport arr on f.arrival_airport_id = arr.airport_id;
```

Data Output Messages Notifications

Showing rows: 1 to 1000 Page No: 1 of 1

	full_name text	passport_number character varying (50)	arrival_time date	destination character varying (50)
1	Muhammad Fass	109932770-9	2023-07-18	Fort Worth Alliance Airport
2	Trevor Broun	788025864-7	2024-02-11	Henri Coandă International Airport
3	Auria Breffit	570537341-4	2023-07-11	Lime Acres Finsch Mine Airport
4	Archie Toffel	677556708-1	2023-06-17	Garbaharey Airport
5	Sanders Biddles	514546405-3	2023-09-05	Tom Price Airport
6	Sanders Biddles	514546405-3	2024-03-01	Elorza Airport
7	Remington Piggot	470074456-1	2023-05-31	Armidale Airport
8	Glynis Marle	209933120-0	2024-02-02	Akunaq Heliport
9	Cesaro McGennis	364900190-X	2023-04-03	Bermuda Dunes Airport
10	Con Borrel	837859465-3	2024-02-15	Ocean Falls Seaplane Base
11	Lorianna Robbie	435354132-3	2024-01-19	Armidale Airport
12	Brad Apperley	842288763-0	2024-02-10	Pitalito Airport

Total rows: 1000 Query complete 00:00:00.133 CRLF Ln 1, Col 4