```sql
SELECT *
FROM flight
INNER JOIN airline 1..n<->1: ON flight.airline_id = airline.id
WHERE airline_name = 'Airastana';
```

CSV

flight.id	airline_id	dept_airport_id	arr_airport_id	dept_gate	arr_gate	sch_departure_t
4	1	7	2	A	B	2022-09-13 20:37:4
6	1	7	3	C	B	2022-07-18 14:45:3
21	1	4	8	A	A	2020-09-16 13:33:4
47	1	7	4	A	C	2021-12-10 18:08:2

Tx: Auto   Playground

```sql
SELECT flight.id AS flight_id, airport_name AS dept_airport_name
FROM flight
INNER JOIN airport 1..n<->1: ON flight.dept_airport_id = airport.id;
```

Tx: Auto   DDL

flight_id	dept_airport_name
1	Hammad
2	Hammad
3	Hammad
4	Heartfield Jackson
5	ALA
6	Heartfield Jackson
7	Scharle de goll
8	ALA
9	ALA
10	Haneda
11	Heartfield Jackson
12	Incheon
13	Changi
14	Incheon
15	Changi
16	Dubai international airport

47 rows ∨

```sql
SELECT airline.airline_name
FROM airline
LEFT JOIN flight
    ON airline.id = flight.airline_id
    AND EXTRACT(month from sch_departure_time) = EXTRACT(month from now() + interval '1 month')
    AND EXTRACT(year from sch_departure_time) = EXTRACT(year from now() + interval '1 month')
WHERE flight.id IS NULL;
```

Output   Result 12 ✕

Tx: Auto ∨   DDL

flight_id	dept_airport_name
1	Hammad
2	Hammad
3	Hammad
4	Heartfield Jackson
5	ALA
6	Heartfield Jackson
7	Scharle de goll
8	ALA
9	ALA
10	Haneda
11	Heartfield Jackson
12	Incheon

47 rows ∨

```sql
SELECT *
FROM passenger
JOIN boarding_pass   1<->1..n:  ON passenger.id = boarding_pass.passenger_id
JOIN flight   1..n<->1:  ON boarding_pass.flight_id = flight.id
WHERE flight_id = 6;
```

Output   Result 14 ✕

Tx: Auto ∨   DDL   CSV ∨

passenger.id	firstname	lastname	birthdate	gender	country_of_citizenship
2	Aigerim	Sadykova	1995-11-02	F	Kazakhstan
20	Yusuf	Khan	1984-08-12	M	Pakistan

```sql
SELECT flight_id, MAX(tickets_price) AS max_price, MIN(tickets_price) AS min_price, AVG(tickets_price) AS avg_price
FROM boarding_pass
JOIN flight 1..n<->1: ON boarding_pass.flight_id = flight.id
JOIN booking 1..n<->1: ON boarding_pass.booking_id = booking.id
GROUP BY flight_id
ORDER BY flight_id;
```

Output — Result 15

flight_id	max_price	min_price	avg_price
1	11638	11638	11638
2	13288	6916	10102
3	9431	9431	9431
4	11429	10384	10906.5
5	7233	7233	7233
6	14798	6299	10548.5
7	10672	10672	10672
8	8352	6824	7588
9	11636	11636	11636
10	9728	9728	9728
11	11638	6824	9231
12	9431		7375
13	7323	7323	7323

44 rows

```sql
SELECT *
FROM flight
JOIN airport a_t 1..n<->1: ON flight.arr_airport_id = a_t.id
WHERE a_t.country = 'France'
ORDER BY flight.id;
```

Output — Result 16

flight.id	airline_id	dept_airport_id	arr_airport_id	dept_gate	arr_gate	sch_departure_
5	3	1	6	B	B	2022-04-12 11:30:2
8	2	1	6	C	A	2022-09-06 23:53:0
27	11	3	6	C	A	2025-02-11 10:37:2
33	7	7	6	B	C	2025-07-07 21:57:1
41	3	2	6	C	C	2022-05-11 22:58:2
44	10	4	6	B	C	2024-10-27 13:17:2

```sql
SELECT passenger.id, passenger.firstname, passenger.birthdate, a_t.country, a_t.city
FROM passenger
JOIN boarding_pass  1<->1..n:  ON passenger.id = boarding_pass.passenger_id
JOIN flight  1..n<->1:  ON boarding_pass.flight_id = flight.id
JOIN airport a_t  1..n<->1:  ON flight.arr_airport_id = a_t.id
WHERE EXTRACT(year from now()) - EXTRACT(year from passenger.birthdate) < 18;
```

Output | Result 19 ×

	id	firstname	birthdate	country	city
1	30	Danelya	2010-03-12	USA	Atlanta
2	29	Amina	2009-03-12	France	Paris
3	30	Danelya	2010-03-12	Kazakhstan	Almaty
4	29	Amina	2009-03-12	Qatar	Doha
5	28	Piotr	2008-11-01	USA	Atlanta
6	28	Piotr	2008-11-01	France	Paris
7	28	Piotr	2008-11-01	France	Paris
8	27	Naila	2008-06-15	Japan	Tokyo
9	30	Danelya	2010-03-12	Kazakhstan	Almaty
10	27	Naila	2008-06-15	USA	Atlanta
11	30	Danelya	2010-03-12	USA	Atlanta

11 rows

```sql
SELECT passenger.firstname || ' ' || passenger.lastname AS fullname, passenger.passport_number, sch_arrival_time
FROM passenger
JOIN boarding_pass  1<->1..n:  ON passenger.id = boarding_pass.passenger_id
JOIN flight  1..n<->1:  ON boarding_pass.flight_id = flight.id
```

Output | Result 20 ×

fullname	passport_number	sch_arrival_time
Hans Muller	DE3692581	2022-06-15 04:23:56.000000
Danelya Tukenova	KZ4563210	2024-09-04 19:18:48.000000
Elena Martinez	AR7534869	2024-09-04 19:18:48.000000
Mohammed Al-Mansouri	QA7531594	2024-03-15 10:48:46.000000
Yusuf Khan	PK1473692	2022-09-13 23:37:49.000000
Aigerim Sadykova	KZ9876543	2022-09-13 23:37:49.000000
Kenji Tanaka	JP1593574	2022-04-12 12:30:29.000000
John Smith	US4589201	2022-07-18 21:45:35.000000
Carlos Silva	BR3579514	2022-07-18 21:45:35.000000
Zhang Wei	CN9517538	2023-10-25 04:52:33.000000
Hana Yamada	JP4567891	2022-09-07 01:53:05.000000
Amina Bek	KZ4563210	2022-09-07 01:53:05.000000
John Smith	US4589201	2020-06-13 04:02:05.000000
Charlotte Dubois	FR4561239	2020-03-19 22:37:30.000000
Isabella Rossi	IT1597532	2020-01-03
Olga Petrova	RU8521479	2020-01-03 12:18:30.000000

61 rows

```sql
SELECT flight.id, airline.airline_country AS airline_home_country, a_t.country AS flight_dept_country
FROM flight
JOIN airline  1..n<->1:  ON flight.airline_id = airline.id
JOIN airport a_t  1..n<->1:  ON flight.dept_airport_id = a_t.id
WHERE a_t.country = airline.airline_country
```

▷ Output   ⊞ Result 21 ✕

id	airline_home_country	flight_dept_country
7	France	France
8	Kazakhstan	Kazakhstan
23	France	France
33	USA	USA
37	Qatar	Qatar