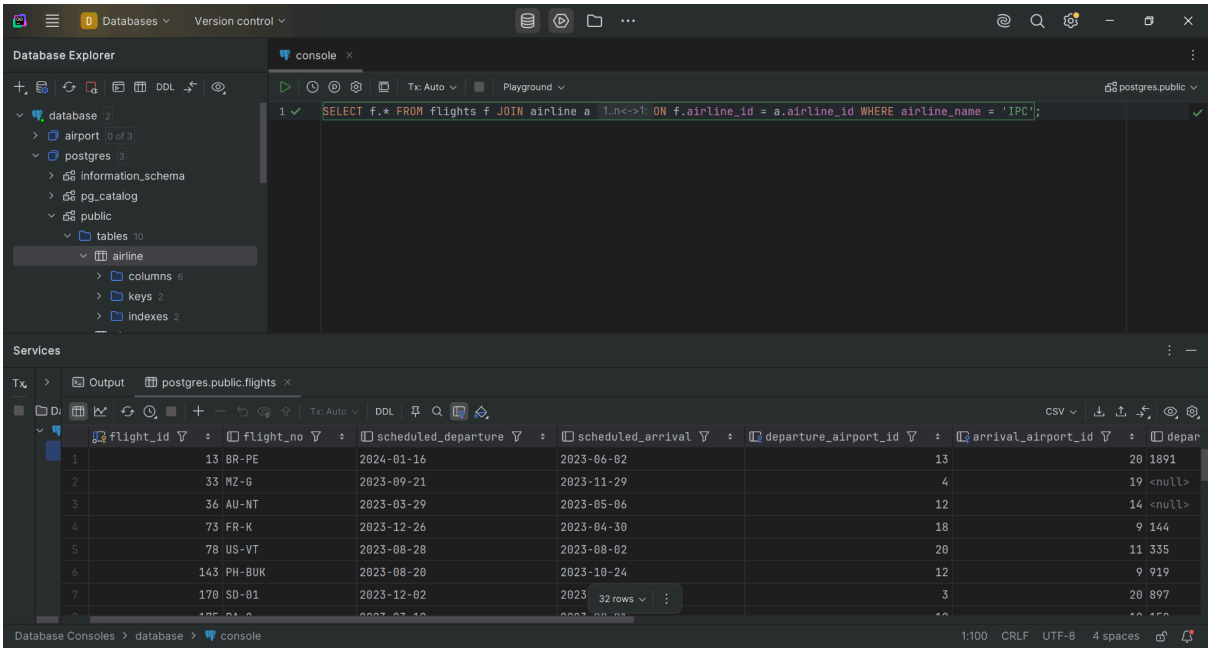
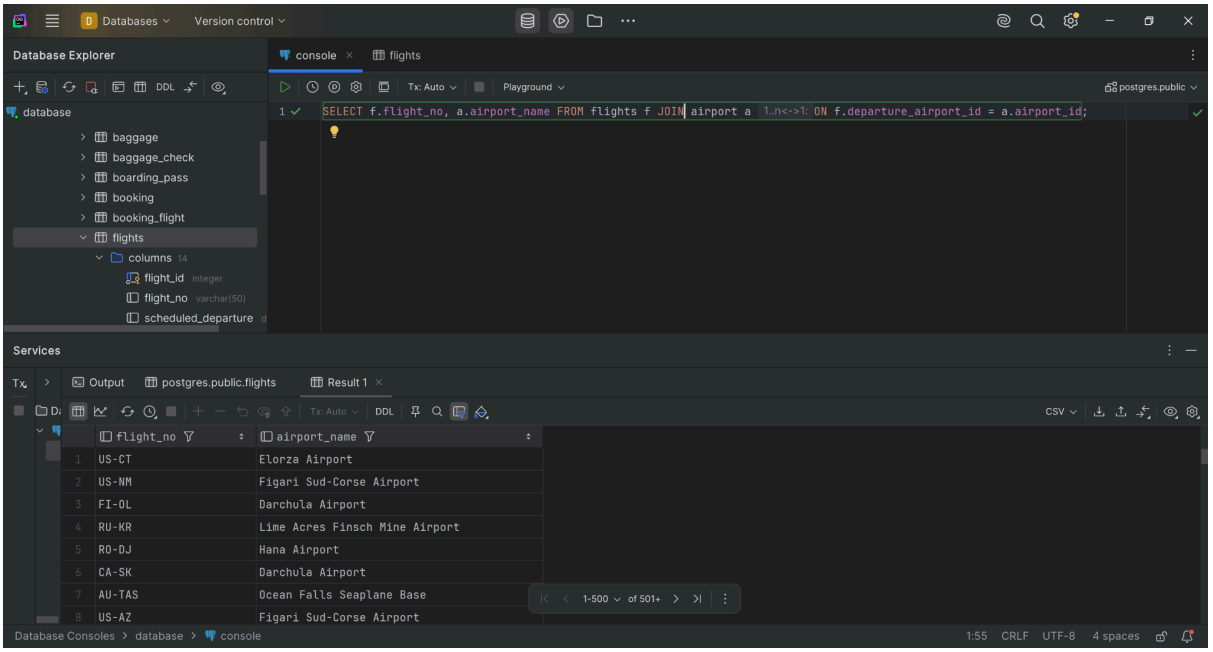
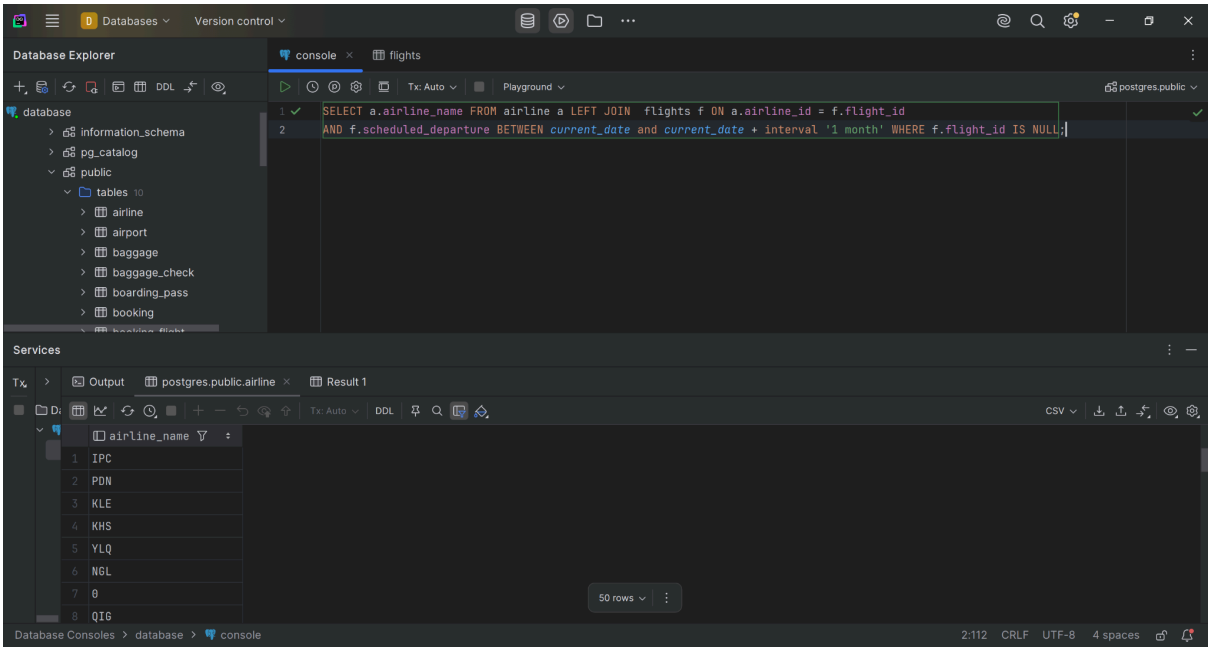
1)


Databases
Version control
Database Explorer
console
Tx: Auto
Playground
postgres.public
SELECT f.* FROM flights f JOIN airline a 1..n<->1: ON f.airline_id = a.airline_id WHERE airline_name = 'IPC';
database
airport
postgres
information_schema
pg_catalog
public
tables
airline
columns
keys
indexes
Services
Output
postgres.public.flights
DDL
CSV
flight_id flight_no scheduled_departure scheduled_arrival departure_airport_id arrival_airport_id depar
1 13 BR-PE 2024-01-16 2023-06-02 13 20 1891
2 33 MZ-G 2023-09-21 2023-11-29 4 19 <null>
3 36 AU-NT 2023-03-29 2023-05-06 12 14 <null>
4 73 FR-K 2023-12-26 2023-04-30 18 9 144
5 78 US-VT 2023-08-28 2023-08-02 20 11 335
6 143 PH-BUK 2023-08-20 2023-10-24 12 9 919
7 170 SD-01 2023-12-02 2023 3 20 897
32 rows
Database Consoles > database > console
1:100 CRLF UTF-8 4 spaces

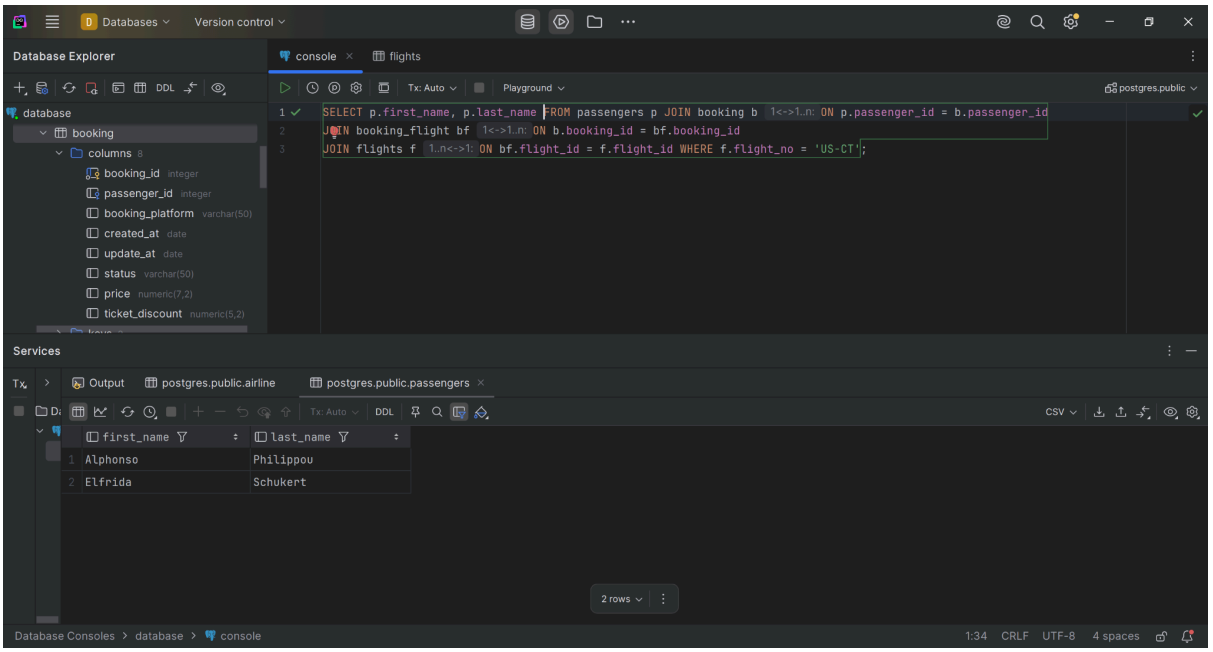
2)


Databases
Version control
Database Explorer
console
flights
Tx: Auto
Playground
postgres.public
SELECT f.flight_no, a.airport_name FROM flights f JOIN airport a 1..n<->1: ON f.departure_airport_id = a.airport_id;
database
baggage
baggage_check
boarding_pass
booking
booking_flight
flights
columns
flight_id integer
flight_no varchar(50)
scheduled_departure
Services
Output
postgres.public.flights
Result 1
DDL
CSV
flight_no airport_name
1 US-CT Elorza Airport
2 US-NM Figari Sud-Corse Airport
3 FI-OL Darchula Airport
4 RU-KR Lime Acres Finsch Mine Airport
5 RO-DJ Hana Airport
6 CA-SK Darchula Airport
7 AU-TAS Ocean Falls Seaplane Base
8 US-AZ Figari Sud-Corse Airport
1-500 of 501+
Database Consoles > database > console
1:55 CRLF UTF-8 4 spaces

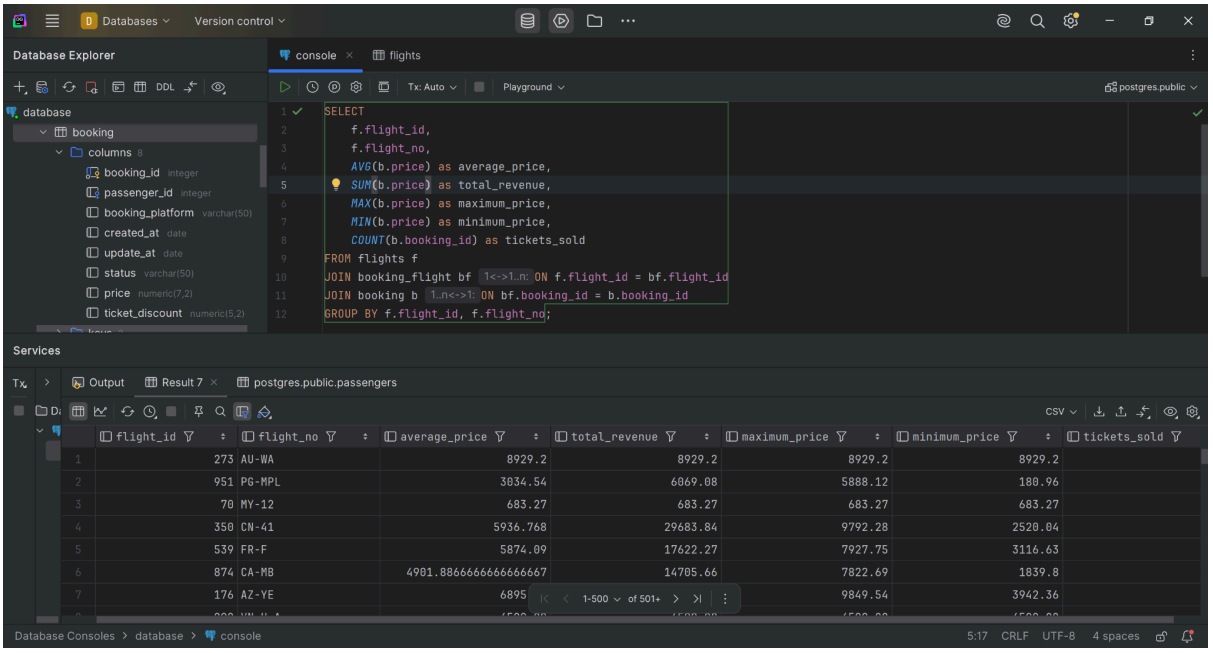
3)


Databases
Version control
Database Explorer
console
flights
DDL
Tx: Auto
Playground
postgres.public
database
information_schema
pg_catalog
public
tables 10
airline
airport
baggage
baggage_check
boarding_pass
booking
SELECT a.airline_name FROM airline a LEFT JOIN flights f ON a.airline_id = f.flight_id
AND f.scheduled_departure BETWEEN current_date and current_date + interval '1 month' WHERE f.flight_id IS NULL;
Services
Output
postgres.public.airline
Result 1
CSV
airline_name
IPC
PDN
KLE
KHS
YLQ
NGL
0
QIG
50 rows
Database Consoles
database
console
2:112
CRLF
UTF-8
4 spaces

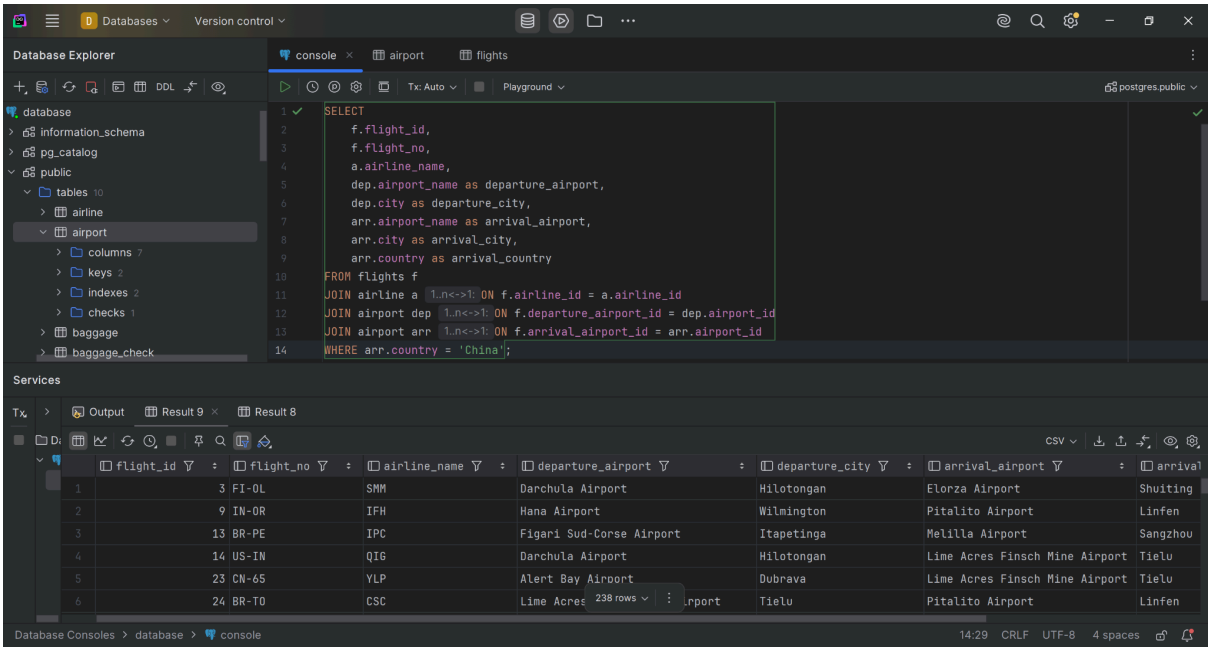
4)


Databases
Version control
Database Explorer
console
flights
DDL
Tx: Auto
Playground
postgres.public
database
booking
columns 8
booking_id integer
passenger_id integer
booking_platform varchar(50)
created_at date
update_at date
status varchar(50)
price numeric(7,2)
ticket_discount numeric(5,2)
SELECT p.first_name, p.last_name FROM passengers p JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id WHERE f.flight_no = 'US-CT';
Services
Output
postgres.public.airline
postgres.public.passengers
CSV
first_name
last_name
Alphonso
Philippou
Elfrida
Schukert
2 rows
Database Consoles
database
console
1:34
CRLF
UTF-8
4 spaces

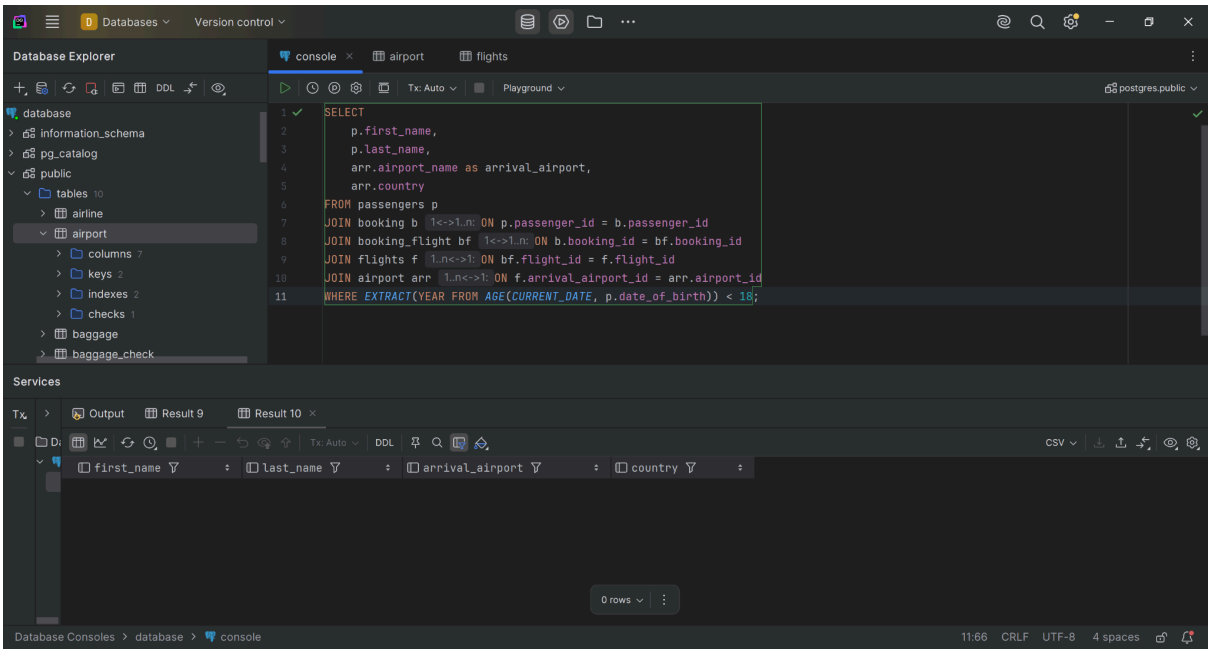
5)


Databases
Version control
Database Explorer
console
flights
Tx: Auto
Playground
postgres.public
database
booking
columns 8
booking_id integer
passenger_id integer
booking_platform varchar(50)
created_at date
update_at date
status varchar(50)
price numeric(7,2)
ticket_discount numeric(5,2)
SELECT
f.flight_id,
f.flight_no,
AVG(b.price) as average_price,
SUM(b.price) as total_revenue,
MAX(b.price) as maximum_price,
MIN(b.price) as minimum_price,
COUNT(b.booking_id) as tickets_sold
FROM flights f
JOIN booking_flight bf 1<->1..n: ON f.flight_id = bf.flight_id
JOIN booking b 1..n<->1: ON bf.booking_id = b.booking_id
GROUP BY f.flight_id, f.flight_no;
Services
Output
Result 7
postgres.public.passengers
CSV
flight_id flight_no average_price total_revenue maximum_price minimum_price tickets_sold
1 273 AU-WA 8929.2 8929.2 8929.2 8929.2
2 951 PG-MPL 3034.54 6069.08 5888.12 180.96
3 70 MY-12 683.27 683.27 683.27 683.27
4 350 CN-41 5936.768 29683.84 9792.28 2520.04
5 539 FR-F 5874.09 17622.27 7927.75 3116.63
6 874 CA-MB 4981.8866666666666667 14705.66 7822.69 1839.8
7 176 AZ-YE 6895 9849.54 3942.36
1-500 of 501+
Database Consoles > database > console
5:17 CRLF UTF-8 4 spaces

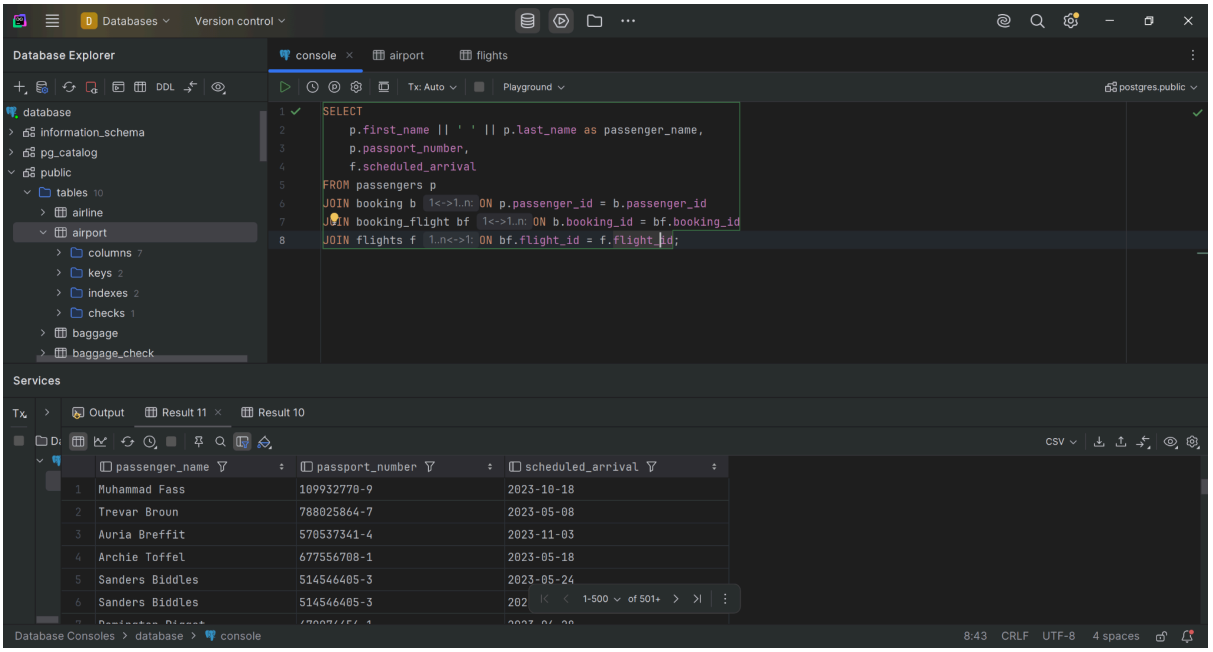
6)


Databases
Version control
Database Explorer
console
airport
flights
Tx: Auto
Playground
postgres.public
database
information_schema
pg_catalog
public
tables 10
airline
airport
columns 7
keys 2
indexes 2
checks 1
baggage
baggage_check
SELECT
f.flight_id,
f.flight_no,
a.airline_name,
dep.airport_name as departure_airport,
dep.city as departure_city,
arr.airport_name as arrival_airport,
arr.city as arrival_city,
arr.country as arrival_country
FROM flights f
JOIN airline a 1..n<->1: ON f.airline_id = a.airline_id
JOIN airport dep 1..n<->1: ON f.departure_airport_id = dep.airport_id
JOIN airport arr 1..n<->1: ON f.arrival_airport_id = arr.airport_id
WHERE arr.country = 'China';
Services
Output
Result 9
Result 8
CSV
flight_id flight_no airline_name departure_airport departure_city arrival_airport arrival
1 3 FI-OL SMM Darchula Airport Hilotongan Elorza Airport Shuiting
2 9 IN-OR IFH Hana Airport Wilmington Pitalito Airport Linfen
3 13 BR-PE IPC Figari Sud-Corse Airport Itapetinga Melilla Airport Sangzhou
4 14 US-IN QIG Darchula Airport Hilotongan Lime Acres Finsch Mine Airport Tielu
5 23 CN-65 YLP Alert Bay Airport Dubrava Lime Acres Finsch Mine Airport Tielu
6 24 BR-TO CSC Lime Acres 238 rows rport Tielu Pitalito Airport Linfen
Database Consoles > database > console
14:29 CRLF UTF-8 4 spaces

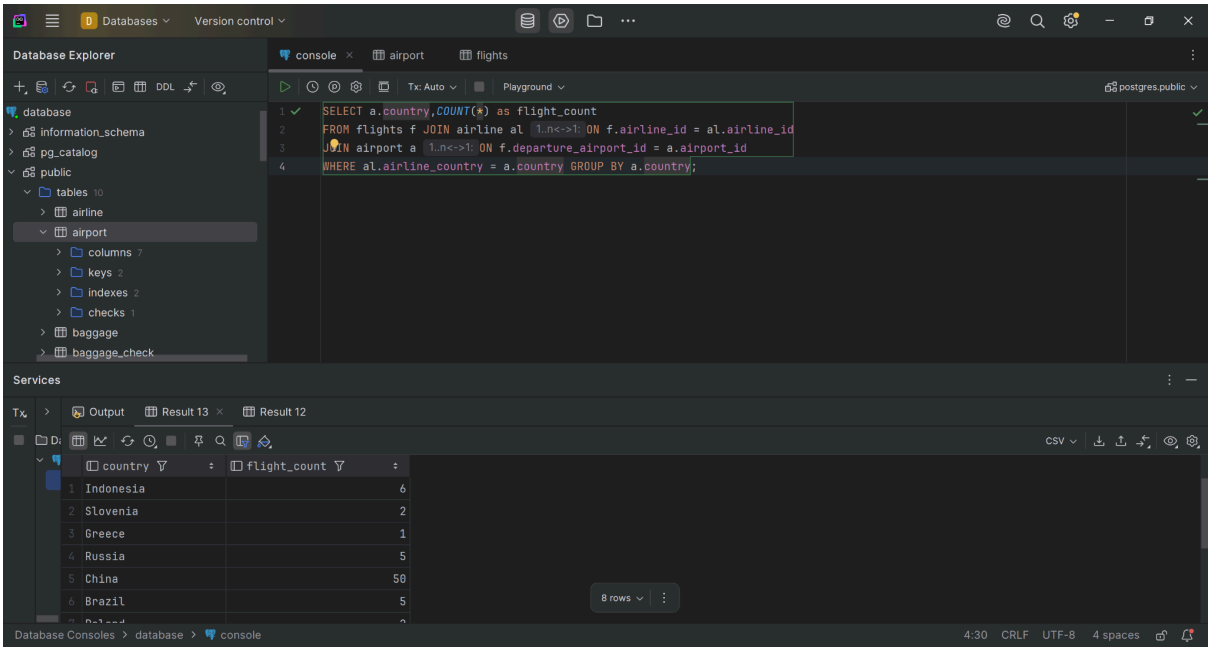
7)


Databases
Version control
Database Explorer
console
airport
flights
Tx: Auto
Playground
postgres.public
database
information_schema
pg_catalog
public
tables 10
airline
airport
columns 7
keys 2
indexes 2
checks 1
baggage
baggage_check
SELECT
p.first_name,
p.last_name,
arr.airport_name as arrival_airport,
arr.country
FROM passengers p
JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id
JOIN airport arr 1..n<->1: ON f.arrival_airport_id = arr.airport_id
WHERE EXTRACT(YEAR FROM AGE(CURRENT_DATE, p.date_of_birth)) < 18;
Services
Output
Result 9
Result 10
DDL
CSV
first_name
last_name
arrival_airport
country
0 rows
Database Consoles
database
console
11:66
CRLF
UTF-8
4 spaces

8)


Databases
Version control
Database Explorer
console
airport
flights
Tx: Auto
Playground
postgres.public
database
information_schema
pg_catalog
public
tables 10
airline
airport
columns 7
keys 2
indexes 2
checks 1
baggage
baggage_check
SELECT
p.first_name || ' ' || p.last_name as passenger_name,
p.passport_number,
f.scheduled_arrival
FROM passengers p
JOIN booking b 1<->1..n: ON p.passenger_id = b.passenger_id
JOIN booking_flight bf 1<->1..n: ON b.booking_id = bf.booking_id
JOIN flights f 1..n<->1: ON bf.flight_id = f.flight_id;
Services
Output
Result 11
Result 10
CSV
passenger_name
passport_number
scheduled_arrival
1 Muhammad Fass 109932770-9 2023-10-18
2 Trevar Broun 788025864-7 2023-05-08
3 Auria Breffit 570537341-4 2023-11-03
4 Archie Toffel 677556708-1 2023-05-18
5 Sanders Biddles 514546405-3 2023-05-24
6 Sanders Biddles 514546405-3 202
1-500 of 501+
Database Consoles
database
console
8:43
CRLF
UTF-8
4 spaces

9)


Databases
Version control
Database Explorer
console
airport
flights
DDL
Tx: Auto
Playground
postgres.public
database
information_schema
pg_catalog
public
tables 10
airline
airport
columns 7
keys 2
indexes 2
checks 1
baggage
baggage_check
SELECT a.country,COUNT(*) as flight_count
FROM flights f JOIN airline al 1..n<->1: ON f.airline_id = al.airline_id
JOIN airport a 1..n<->1: ON f.departure_airport_id = a.airport_id
WHERE al.airline_country = a.country GROUP BY a.country;
Services
Output
Result 13
Result 12
CSV
country
flight_count
1 Indonesia 6
2 Slovenia 2
3 Greece 1
4 Russia 5
5 China 50
6 Brazil 5
8 rows
Database Consoles
database
console
4:30
CRLF
UTF-8
4 spaces