

```

--1
create index idx_flights_actual_departure
    on flights (actual_departure);
--2
create unique index idx_unique_flight_no_scheduled_departure
    on flights (flight_no, scheduled_departure);
--3
CREATE INDEX idx_flights_departure_arrival
    ON flights (departure_airport_id, arrival_airport_id);
--4
-- without index:
SET enable_indexscan = off;
EXPLAIN ANALYZE
SELECT *
FROM flights
WHERE departure_airport_id = '18'
    AND arrival_airport_id = '1';

-- with index:
SET enable_indexscan = on;
EXPLAIN ANALYZE
SELECT *
FROM flights
WHERE departure_airport_id = '18'
    AND arrival_airport_id = '1';
--5
EXPLAIN ANALYZE
SELECT flight_no, scheduled_departure
FROM flights
WHERE departure_airport_id = '18' AND arrival_airport_id = '1';

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31
32
33 ✓ CREATE UNIQUE INDEX idx_unique_passport_number
34     ON passengers (passport_number);
35
36 ✓ --7
37 CREATE INDEX idx_passengers_full
38     ON passengers (first_name, last_name, date_of_birth, country_of_citizenship);
39
40 ✓ --8
41 SELECT indexname, indexdef
42 FROM pg_indexes
43 WHERE tablename = 'passengers';

```