postgres/postgres@localhost

No limit

Query   Query History   Scratch Pad ✕

```
1  ALTER TABLE passengers
2  ADD CONSTRAINT check_passengers_age
3  CHECK (EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 10);
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 39 msec.
```

Total rows: Query complete 00:00:00.039   LF   Ln 3, Col 65

postgres/postgres@localhost

No limit

Query   Query History

Scratch Pad ✕

```sql
1   UPDATE booking
2   SET ticket_price = 20000
3   WHERE ticket_price < 0 OR ticket_price > 50000;
4
5   ALTER TABLE booking
6   ADD CONSTRAINT check_tick_price
7   CHECK (ticket_price > 0 AND ticket_price <= 50000);
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 38 msec.
```

✓ Query returned successfully in 38 msec. ✕

Total rows: Query complete 00:00:00.038   LF   Ln 7, Col 52

```sql
UPDATE baggage
SET weight_in_kg = 20
WHERE weight_in_kg > 23;

ALTER TABLE baggage
ADD CONSTRAINT check_weight
CHECK (weight_in_kg BETWEEN 1 AND 23);
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 30 msec.
```

✓ Query returned successfully in 30 msec. ✕

Total rows: Query complete 00:00:00.030   LF   Ln 5, Col 1

postgres/postgres@localhost

No limit

Query   Query History

Scratch Pad ✕

```sql
1  ALTER TABLE airport
2  ADD CONSTRAINT check_airp_name
3  CHECK (LENGTH(airport_name) >= 10);
```

Data Output   Messages   Notifications

```
ERROR:  check constraint "check_airp_name" of relation "airport" is violated by some row

SQL state: 23514
```

```
180   ALTER TABLE booking
181   ADD CONSTRAINT unique_booking UNIQUE (flight_id, passenger_id);
182
183   ALTER TABLE baggage
184   ADD CONSTRAINT unique_baggage UNIQUE (booking_id);
185
186   ALTER TABLE baggage_check
187   ADD CONSTRAINT unique_baggage_check UNIQUE (booking_id, passenger_id);
188
189   ALTER TABLE boarding_pass
190   ADD CONSTRAINT unique_boarding_pass UNIQUE (booking_id, seat);
191
192   ALTER TABLE booking_flight
193   ADD CONSTRAINT unique_booking_flight UNIQUE (booking_id, flight_id);
194
195   ALTER TABLE security_check
196   ADD CONSTRAINT unique_security_passenger UNIQUE (passenger_id);
197
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 38 msec.
```

Total rows: Query complete 00:00:00.038   LF   Ln 195, Col 1

postgres/postgres@localhost

Query Query History

Scratch Pad ✕

```sql
1
2
3
4
5   ALTER TABLE passengers
6   ADD CONSTRAINT check_gender_age
7   CHECK (
8       (gender = 'Male' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 18)
9       OR
10      (gender = 'Female' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 19)
11  );
12
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 36 msec.
```

Total rows: Query complete 00:00:00.036   LF   Ln 5, Col 1

```
 5            THEN CURRENT_DATE - INTERVAL '18 years'
 6        WHEN country_of_citizenship = 'France' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) < 17
 7            THEN CURRENT_DATE - INTERVAL '17 years'
 8        WHEN country_of_citizenship NOT IN ('Kazakhstan','France') AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birt
 9            THEN CURRENT_DATE - INTERVAL '19 years'
10        ELSE date_of_birth
11    END;
12
13
14
15  ALTER TABLE passengers
16  ADD CONSTRAINT check_country_age
17  CHECK (
18      (country_of_citizenship = 'Kazakhstan' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 18)
19   OR (country_of_citizenship = 'France' AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >= 17)
20   OR (country_of_citizenship NOT IN ('Kazakhstan', 'France') AND EXTRACT(YEAR FROM AGE(CURRENT_DATE, date_of_birth)) >=
21  );
22
```

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 38 msec.
```

Total rows: Query complete 00:00:00.038   LF   Ln 15, Col 1

```
postgres/postgres@localhost
```

```
1
2   ALTER TABLE booking
3   ADD COLUMN ticket_discount DECIMAL(5,2);
4
5   ALTER TABLE booking
6   ADD CONSTRAINT check_ticket_discount
7   CHECK (
8       (created_at >= '2024-01-01' AND ticket_discount = ticket_price * 0.05)
9    OR (created_at < '2024-01-01' AND ticket_discount = ticket_price * 0.10)
10  );
11
```

Scratch Pad ✕

Data Output   Messages   Notifications

```
ALTER TABLE

Query returned successfully in 38 msec.
```

✓ Query returned successfully in 38 msec. ✕

Total rows: Query complete 00:00:00.038   LF   Ln 1, Col 1