

CREATE A TABLE

```
CREATE TABLE restaurants (
  id serial PRIMARY KEY,
  name text NOT NULL,
  nyc_restaurant_id integer,
  borough borough_options,
  cuisine text,
  address_building_number text,
  address_street text,
  address_zipcode text
);
```

INSERT A ROW

```
INSERT INTO restaurants
  (name, borough, cuisine, address_building_number, address_street, address_zipcode)
VALUES
  ('Prince Taco', 'Queens', 'Mexican', '620', 'Astoria Boulevard', '11372');
```

ENUMERATIONS

```
CREATE TYPE mood AS ENUM ('sad', 'ok', 'happy');
CREATE TABLE person (
  name text,
  current_mood mood
);
INSERT INTO person VALUES ('Moe', 'happy');
INSERT INTO person VALUES ('Larry', 'sad');
INSERT INTO person VALUES ('Curly', 'ok');
```

```
SELECT * FROM person WHERE current_mood = 'happy';
```

name | current_mood

-----+-----

Moe | happy

```
SELECT * FROM person WHERE current_mood > 'sad';
```

name | current_mood

-----+-----

Moe | happy

Curly | ok



EXAMPLE QUERYING

```
SELECT * from restaurants;
SELECT id, name, borough, cuisine
FROM restaurants;
SELECT DISTINCT borough
FROM restaurants;
SELECT id, name, borough, cuisine
FROM restaurants
WHERE id='225';
SELECT name, borough, cuisine FROM restaurants
WHERE borough = 'Brooklyn'
AND cuisine = 'Italian';
SELECT name, borough, cuisine FROM restaurants
WHERE borough = 'Brooklyn'
AND cuisine in ('Italian', 'Chinese');
```

UPDATING

```
UPDATE restaurants
  SET name = 'Famous Original Ray''s Pizza'
  WHERE id = 5269;
UPDATE restaurants
  SET cuisine = 'Vegetarian'
  WHERE cuisine = 'Pizza';
```

ORDERING AND LIMITING RESULTS

```
SELECT id, name from restaurants
WHERE borough = 'Bronx'
AND cuisine = 'Japanese'
ORDER BY name DESC;
SELECT id, name
FROM restaurants
ORDER BY name DESC;
LIMIT 3;
```



By **mckoy**
cheatography.com/mckoy/

Published 30th April, 2018.
Last updated 30th April, 2018.
Page 2 of 3.

Sponsored by **Readability-Score.com**
Measure your website readability!
<https://readability-score.com>

AGGREGATE: COUNT, MAX, MIN, & AVG

```
SELECT count(*) FROM grades;
SELECT max(score) FROM grades;
SELECT min(score) FROM grades;
SELECT avg(score) FROM grades;
```

DELETING

```
DELETE FROM restaurants WHERE id = 225;
DELETE FROM grades WHERE grade = 'Z';
DELETE FROM grades; -- BEWARE: DELETES ALL ROWS IN GRADES!
```

DROP A TABLE

```
DROP TABLE restaurants;
```



By **mckoy**
cheatography.com/mckoy/

Published 30th April, 2018.
Last updated 30th April, 2018.
Page 3 of 3.

Sponsored by **Readability-Score.com**
Measure your website readability!
<https://readability-score.com>