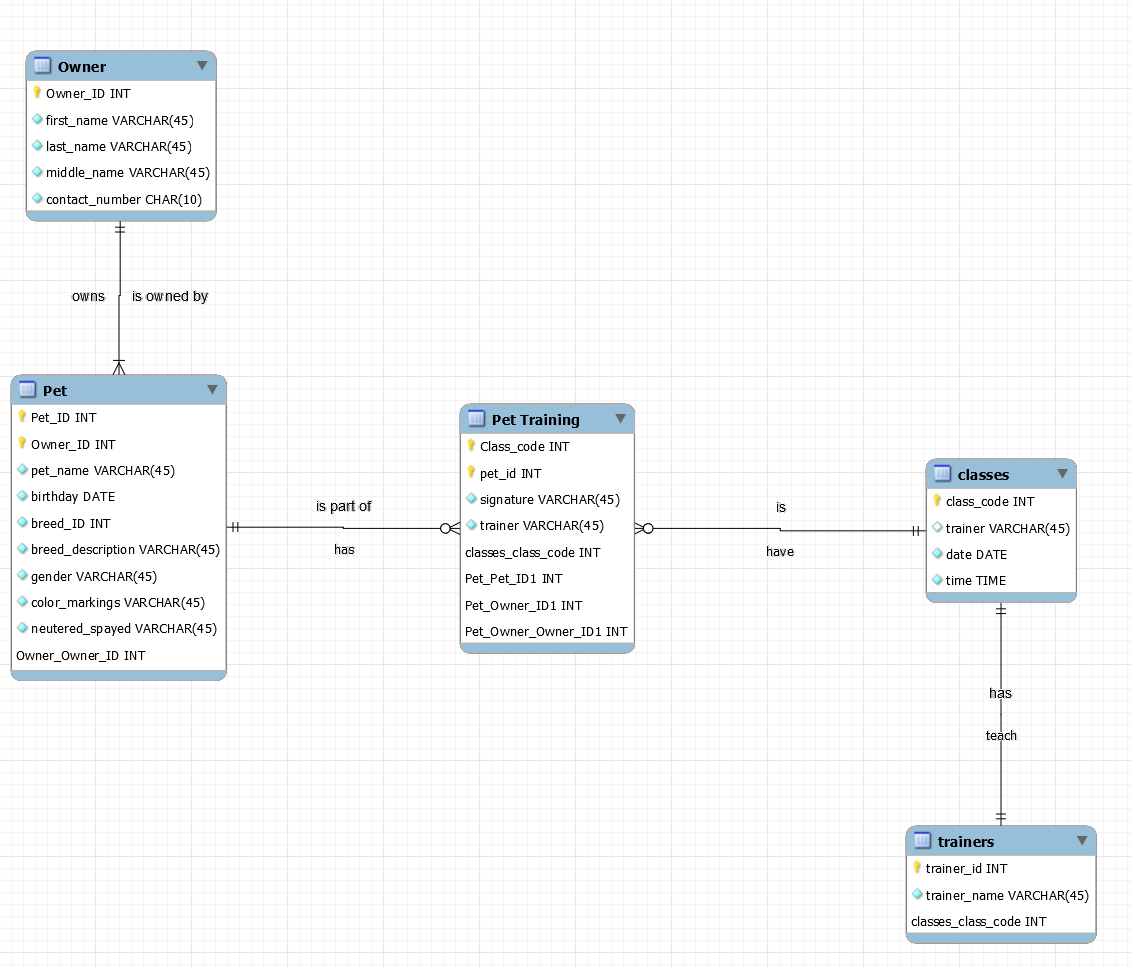
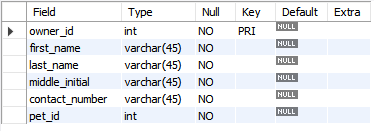
1. Data model

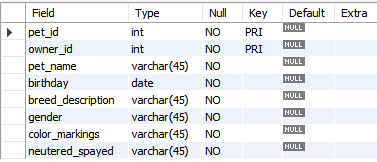


2. Describe statements

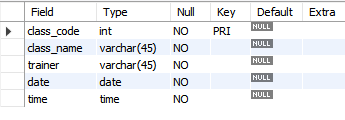
DESCRIBE owner:



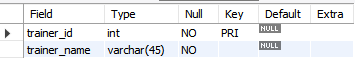
DESCRIBE pet:



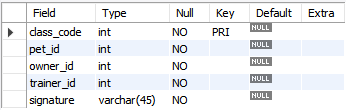
DESCRIBE classes:



DESCRIBE trainers:



DESCRIBE pet\_training:



3. Inserts and queries

**SQL Statements**:

1. Owner

INSERT INTO owner (owner\_id, first\_name, last\_name, middle\_initial, contact\_number, pet\_id)

VALUES (1, "Michael", "Stowell", "D", "720-838-0249", 1);

INSERT INTO owner (owner\_id, first\_name, last\_name, middle\_initial, contact\_number, pet\_id)

VALUES (2, "Dannie", "Pothier", "P", "720-112-1242", 2);

INSERT INTO owner (owner\_id, first\_name, last\_name, middle\_initial, contact\_number, pet\_id)

VALUES (3, "Susan", "Anthony", "B", "720-345-6830", 3);

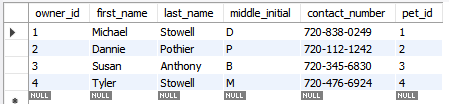
INSERT INTO owner (owner\_id, first\_name, last\_name, middle\_initial, contact\_number, pet\_id)

VALUES (4, "Tyler", "Stowell", "M", "720-476-6924", 4);

Query:

SELECT owner\_id, first\_name, last\_name, middle\_initial, contact\_number, pet\_id

FROM owner



2. Pet

INSERT INTO pet (pet\_id, owner\_id, pet\_name, birthday, breed\_description, gender, color\_markings, neutered\_spayed)

VALUES (1, 1, "Buster", 20180306, "Rotwiler", "Male", "Brown/Black", "yes");

INSERT INTO pet (pet\_id, owner\_id, pet\_name, birthday, breed\_description, gender, color\_markings, neutered\_spayed)

VALUES (2, 2, "Lola", 20191220, "German short hair", "Female", "Brown", "yes");

INSERT INTO pet (pet\_id, owner\_id, pet\_name, birthday, breed\_description, gender, color\_markings, neutered\_spayed)

VALUES (3, 3, "Freddy", 20200104, "Lab", "Female", "White", "No");

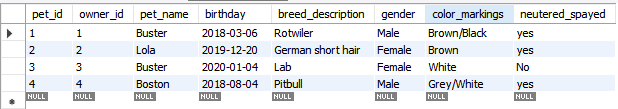
INSERT INTO pet (pet\_id, owner\_id, pet\_name, birthday, breed\_description, gender, color\_markings, neutered\_spayed)

VALUES (4, 4, "Boston", 20180804, "Pitbull", "Male", "Grey/White", "yes");

Query:

SELECTpet\_id, owner\_id, pet\_name, birthday, breed\_description, gender, color\_markings, neutered\_spayed

FROM pet



3. classes

INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (1, "Basic Skills", "Shey", 20200306, '02:00:00');

INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (2, "Basic Skills", "Marie", 20200308, '16:00:00');

INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (3, "Walk-Train-Play", "Marie", 20200313, '11:00:00');

INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (4, "Walk-Train-Play", "Trevor", 20200316, '10:00:00');

INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (5, "Off-Leash Opperation", "Rose", 20200324, '10:00:00');

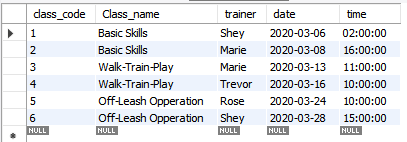
INSERT INTO classes (class\_code, Class\_name, trainer, date, time)

VALUES (6, "Off-Leash Opperation", "Shey", 20200328, '15:00:00');

Query:

SELECT class\_code, Class\_name, trainer, date, time

FROM classes



4. trainers

INSERT INTO trainers (trainer\_id, trainer\_name)

VALUES (20, "Shey");

INSERT INTO trainers (trainer\_id, trainer\_name)

VALUES (21, "Marie");

INSERT INTO trainers (trainer\_id, trainer\_name)

VALUES (22, "Trevor");

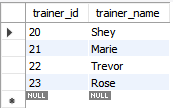
INSERT INTO trainers (trainer\_id, trainer\_name)

VALUES (23, "Rose");

Query:

SELECT trainer\_id, trainer\_name

FROM trainers



5. pet\_training

INSERT INTO pet\_training (class\_code, pet\_id, owner\_id, trainer\_id, signature)

VALUES (1, 1, 1, 20, "Michael Stowell");

INSERT INTO pet\_training (class\_code, pet\_id, owner\_id, trainer\_id, signature)

VALUES (3, 2, 2, 21, "Dannie Pothier");

INSERT INTO pet\_training (class\_code, pet\_id, owner\_id, trainer\_id, signature)

VALUES (5, 3, 3, 23, "Susan Anthony");

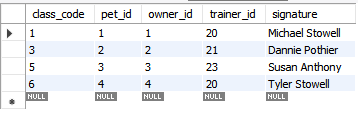
INSERT INTO pet\_training (class\_code, pet\_id, owner\_id, trainer\_id, signature)

VALUES (6, 4, 4, 20, "Tyler Stowell");

Query:

SELECT class\_code, pet\_id, owner\_id, trainer\_id, signature

FROM pet\_training



**Other Queries:**

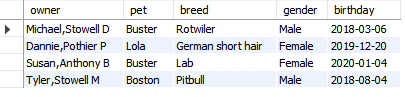
Owner and pet query:

SELECT distinct CONCAT(first\_name, ",", last\_name, " ", middle\_initial) AS owner, pet\_name AS "pet", breed\_description AS "breed", gender, birthday

FROM owner a, pet b

WHERE a.pet\_id = b.pet\_id

GROUP BY owner;



Training events:

SELECT date, time, trainer\_name AS "trainer", class\_name AS "class", CONCAT(first\_name, ",", last\_name, " ", middle\_initial) AS owner, pet\_name AS "pet"

FROM pet\_training a, classes b, pet c, trainers d, owner e

WHERE a.class\_code = b.class\_code and a.pet\_id = c.pet\_id and a.owner\_id = e.owner\_id and a.trainer\_id = d.trainer\_id

