

3. SQL-kyselyitä pet-taulusta

```
mysql> SELECT * FROM pet WHERE birth >= '1990-1-1';
+-----+-----+-----+-----+-----+-----+
| name   | owner | species | sex  | birth      | death      |
+-----+-----+-----+-----+-----+-----+
| Fluffy | Harold | cat     | f    | 1993-02-04 | NULL       |
| Claws  | Gwen  | cat     | m    | 1994-03-17 | NULL       |
| Fang   | Benny  | dog     | m    | 1990-08-27 | NULL       |
| Chirpy | Gwen  | bird    | f    | 1998-09-11 | 2000-09-15 |
| Whistler | Gwen | bird    | NULL | 1997-12-09 | NULL       |
| Slim   | Benny  | snake   | m    | 1996-04-29 | NULL       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> SELECT name FROM pet WHERE (species = 'dog' AND sex = 'm');
+-----+
| name |
+-----+
| Fang |
| Bowser |
+-----+
2 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM pet WHERE species = 'dog' AND sex = 'm';
+-----+-----+-----+-----+-----+-----+
| name   | owner | species | sex  | birth      | death      |
+-----+-----+-----+-----+-----+-----+
| Fang   | Benny  | dog     | m    | 1990-08-27 | NULL       |
| Bowser | Diane  | dog     | m    | 1989-08-31 | 1995-07-29 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> SELECT owner, name FROM pet WHERE (species = 'dog' AND sex = 'm');
+-----+-----+
| owner | name |
+-----+-----+
| Benny | Fang |
| Diane | Bowser |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * FROM pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1994-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1979-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	NULL
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL
Puffball	Diane	hamster	f	1999-03-30	NULL

```
9 rows in set (0.00 sec)
```

```
mysql> DELETE FROM pet where name='Puffball';  
Query OK, 1 row affected (0.00 sec)
```

```
mysql> select * FROM pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1994-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1979-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	NULL
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

```
8 rows in set (0.00 sec)
```

```
mysql> UPDATE pet SET birth = '1989-08-31' WHERE name = 'Bowser';  
Query OK, 1 row affected (0.00 sec)  
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * FROM pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1994-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1989-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	NULL
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

```
8 rows in set (0.00 sec)
```

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * FROM pet;

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1994-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1989-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	NULL
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

8 rows in set (0.00 sec)

mysql> UPDATE pet SET death = '2000-09-15' WHERE name = 'Chirpy';
Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * FROM pet;

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1994-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1989-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	2000-09-15
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

8 rows in set (0.00 sec)