

MySQL Final Project

Pet Shelter

q1.sql: Make a query to create the following tables:

pet - represents an animal in the shelter or that was adopted from the shelter

- primary key: id
- other columns: kind ("dog"/"cat"/"bird"/etc), color, birth_date, arrival_date

owner - represents people that adopt animals from the shelter

- primary key: id
- other columns: fname lname gender

adoption - represents what owner adopted what animal (the relations is one to many)

- Primary Key is the combination of both **owner_id** and **pet_id**
- **owner_id** references **id** from the **owner** table.
- **pet_id** references **id** from the **pet** table. must be unique.
- other columns: **adoption_date**

IMPORTANT: see and execute **insert_shelter_data.sql** to add values to the table.

q2.sql: create a query to show how many pets are unadopted

q3.sql: Show how many pets were adopted between 2016-01-01 and 2018-01-01

q4.sql: Show how much each pet waited (in days) from arrival to adoption(example: if a dog arrived in 2003 and adopted in 2005 it waited 2 years, a dog arrived in 2007 and adopted in 2010 waited 3 years) **ordered from highest waiting time to lowest.**

q5.sql: Find which pets were born in the shelter (if their arrival date is the same as their birth date)

q6.sql: Show for each kind of animal how many got adopted, ordered from most adopted to least. (how many dogs were adopted, how many cats were adopted etc)

q7.sql: Show unadopted dogs from oldest to youngest

q8.sql: for each female who adopted cats, show how many cats they adopted, ordered from most cats to least.

q9.sql: find all owners with no adoptions.