# MGMT 4170-6570 Section 01 Fall 2024 SQL Query Test

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| A screenshot of a computer  Description automatically generated |

1. What owner has:
   1. a last name where the second character is NOT a vowel [aeiouy]
   2. live in a city with two names
   3. Return the owner name in the format “Lastname, First Initial” and the City
2. What animal has an owner that
   1. The number of characters in the phone number is the same as the number of characters in the address
   2. The second to last character in the last name is the same as the second to last character in the first name
3. Who owns the 3rd youngest dog and how many letters in its name?
   1. Create a full name like “FirstName LastName”.
   2. Also include the dog’s name, animal type, and its birthday.
   3. Only show the 3rd youngest, don't display any other dogs
4. Who are the top 5 customers who have spent (and paid) the most money from Cody
   1. if the total amount paid is greater than $200?
   2. Return the Lastname, FirstName as "Full Name", and amount spent as "Amount Paid"
5. What are the top 5 dates for visits for non-farm animals (Cattle, Bison, and Sheep)? Show the number of visits for each date
6. What animal has not had a visit? Don't show the animals that have had a visit.
7. How many dogs were born between 04/29/2009 AND 05/19/2014?
8. Create an email reminder list for the annual checkup by adding a year to the last visit.
   1. Include the Owner’s name, email, and animal name.
   2. Label the last visit as “Last Visit” and the next annual visit as “Annual Checkup Date”
9. What is the least popular month for a visit? Return month name
10. How much older are you than each animal (Your Bday – Animal Bday)?
    1. Return animal name, animal age, your age, and the difference.