ASSIGNMENT, due April 1

25 points

Use the text file called “PCdogs” from Netfiles (under Class 19 folder)

This is a fixed-width text file just like the one we imported in class, however it is for Pierce County, Wis.

Import the file into a new, blank Access database and create a new table called “pcdogs”. On the import, make sure all of the field names don’t contain any spaces (so they are a single word or a pair of words mashed together). The field names can contain numbers, but not symbols.

Review your new table and make sure everything imported properly. Become familiar with the fields and what they contain.

Answer the following questions:

1. How many dogs in Pierce county have red as one of its colors? Include the SQL used from your query.

16 total

| **Query1** | |
| --- | --- |
| **color** | **Expr1001** |
| Merle Red | 1 |
| Red | 12 |
| Red/White | 2 |
| Red/Wht | 1 |

SELECT color, count(\*)  
FROM PCDogs  
where color like "\*red\*"  
group by color

1. What's the most popular name for dogs in Pierce county? Include the SQL used from your query.

There are 7 dogs named Buddy  
SELECT dogname, count(\*)  
FROM PCDogs  
group by dogname  
order by 2 desc

1. What's the most common breed in Pierce county? Include the SQL used from your query.

Lab – there are 25

SELECT breed, count(\*)  
FROM PCDogs  
group by breed  
order by 2 desc

1. What percentage of dogs in Pierce county are female? Include the SQL used from your query.\

46% are female

SELECT gender, count(\*)  
FROM PCDogs  
group by gender  
order by 2 desc

| **Query1** | |
| --- | --- |
| **gender** | **Expr1001** |
| Male | 219 |
| Female | 184 |

1. How many dogs in Pierce county are spayed or neutered? Express your answer as a ratio (1 out of....)  
   Include the SQL used from your query.

9 out of 10 are neutered or spayed

| **Query1** | |
| --- | --- |
| **fixed** | **Expr1001** |
| Neutered | 193 |
| Spayed | 168 |
| UnNeutered | 26 |
| UnSpayed | 16 |

SELECT fixed, count(\*)  
FROM PCDogs  
group by fixed  
order by 2 desc