Fascinating Facts

1. Kaggle dataset: greater Pittsburgh area annual dog license renewal application
2. 2174 zip codes in 67 counties, millions of licensed dogs in the state of PA
3. American Kennel Club (AKC) recognizes 202 breeds of dogs. An example of an unrecognized breed is mixed = labradoodle
4. Of these top 10 breeds, pick the 1st, 2nd and 3rd most popular:

|  |  |  |
| --- | --- | --- |
| BEAGLE |  | 8 |
| BOXER |  | 10 |
| CHIHUAHUA | | 6 |
| GERMAN SHEPHERD | | 3 |
| GOLDEN RETRIEVER | | 4 |
| LABRADOR RETRIEVER | | 2 |
| MIXED |  | 1 |
| PIT BULL TERRIER | | 7 |
| SHIH TZU |  | 5 |
| YORKSHIRE TERRIER | | 9 |

1. ANSWER above: Top breed is not “a” breed” (mixed) – typically healthier than AKC pure bred “show dogs”
2. 2nd (or first if you don’t count mixed) is lab/golden retriever = 1 in 10 of all dogs! Same as in the US for the past 12 years. It used to be the poodle. The trend is believed to be due to doubling of home size since the 70s and the delightful nature of the beast.
3. male:female 1:1
4. small:medium:large 1:1:1
5. Top 25 make up 77% of total 20691 dogs
6. 87 breeds have a count of 5 or less

What I’ve learned:

1. Singularity is here: my computer is already smarter than I am
2. My classmates are awesome: thank you for always being so generous with your time and talent
3. For this particular exercise, Excel is better than Python