Level 2 Practice: Subsetting by Multiple Conditions and Creating a Sorted SAS Table

Practice Quiz. • 20 min. • 1 total point available.1 total point

1. The **np_species** table includes one row for each species that is found in each national park. If necessary, start SAS Studio ⤴ before you begin.

   Reminder: If you restarted your SAS session, you must run the **libname.sas** program created in Activity 2.04 to access your course files.

   1. Open a new program window and write a DATA step to read the **pg1.np_species** table and create a new permanent table named **out.fox** in the **EPG1V2/output** folder.
   2. Include only the rows where **Category** is *Mammal* and **Common_Names** includes *Fox*.
   3. Exclude the **Category**, **Record_Status**, **Occurrence**, and **Nativeness** columns from the output data.
   4. Submit the program.
   5. Notice that *Fox Squirrels* are included in the output table. Add a condition in the WHERE statement to exclude rows that include *Squirrel*.
   6. Submit the program and verify the results.
   7. Sort the **fox** table by **Common_Names**.

   What is the value of **Common_Names** in row one?

✓ **Correct**

Final program:

```
libname out "~/EPG1V2/output";
*libname out "~/EPG194/output";

data out.fox;
    set pg1.np_species;
    where Category='Mammal' and Common_Names like
         '%Fox%' and Common_Names not like
         '%Squirrel%';
    drop Category Record_Status Occurrence Nativeness;
run;

proc sort data=out.fox;
    by Common_Names;
run;
```