

1. Creating a SAS Table

```
data eu_occ2016;
  set pg1.eu_occ;
  where YearMon like "2016%";
  format Hotel ShortStay Camp comma17.;
  drop geo;
run;
```

2. Creating a Permanent SAS Table

```
libname out "s:/workshop/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;
```

3. Creating a SAS Table Using Macro Variables

```
*Before macro variable;
data mammal;
  set pg1.np_species;
  where Category="Mammal";
  drop Abundance Seasonality Conservation_Status;
run;

proc freq data=mammal;
  tables Record_Status;
run;

*Using macro variable;
%let cat=Bird;

data &cat;
  set pg1.np_species;
  where Category="&cat";
  drop Abundance Seasonality Conservation_Status;
run;

proc freq data=&cat;
  tables Record_Status;
run;
```

End of Solutions