

```
PROC IMPORT OUT= WORK.JobsGender DATAFILE= "/home/u63055836/BAN110ZAA/jobsgender.xlsx"
          DBMS=xlsx REPLACE;
          GETNAMES=yes;
RUN;

data Demography;
  set JobsGender(keep=year Occupation Total_Earnings_Male Total_Earnings_Female);
run;

proc format;
  value $missfmt 'NA'='Missing' other='Not Missing';
run;

proc freq data=demography;
  format _CHAR_ $missfmt.;
  tables _CHAR_ / missing missprint;
run;

data Demography_new;
  set demography;
  if Total_Earnings_Male = 'NA' then Total_Earnings_Male = '';
  if Total_Earnings_Female = 'NA' then Total_Earnings_Female = '';
  Male_Earnings = input(Total_Earnings_Male,8.);
  Female_Earnings = input(Total_Earnings_Female,8.);
  drop Total_earnings_Male Total_Earnings_Female;
run;

proc standard data=Demography_new replace out=demography_final;
  var Male_Earnings Female_Earnings;
run;

proc print data=demography_final noobs;
  where upcase(occupation) contains 'ANALYST' and year=2013;
  format Male_Earnings Female_Earnings dollar17.2;
run;
```