

```

1 Libname Demo '/folders/myfolders/Demographics Portfolio Project';
2
3 %let path=/folders/myfolders/Demographics Portfolio Project/;
4 filename N01 "&path\name.xlsx";
5 filename N02 "&path\race.csv";
6
7 /***** Importing all the files *****/
8 proc import datafile='N01'
9 dbms=xlsx
10 replace
11 out=Demo.Name (keep= State Grantee_Name uogid CBSA_code);
12
13 getnames=yes;
14 run;
15
16
17 proc import datafile='N02'
18 dbms=csv
19 replace
20 out=Demo.race(keep= cdbguogid
21 cdbgname
22 stusab
23 cdbgty
24 r_e_majority
25 LMI_r_e_majority
26 LMI_majority_tenure
27 rename=(cdbguogid=uogid));
28
29 guessingrows=max;
30 getnames=yes;
31 run;
32
33 proc sort data=demo.name;
34 by uogid;
35 run;
36
37 proc sort data=demo.race;
38 by uogid;
39 run;
40
41
42 /***** Joining the three columns tables into one *****/
43
44 proc sql;
45 create table combine1 as
46 select * from Demo.Name as N left join Demo.Race as R
47 on N.uogid = R.uogid;
48 quit;
49
50
51 /***** Clean the dataset *****/
52 Data Demo.Clean;
53 set combine1 (Keep= uogid
54 cdbgname
55 cdbgty
56 r_e_majority
57 LMI_r_e_majority
58 LMI_majority_tenure rename=(uogid=Subject_ID
59 cdbgname=City
60 cdbgty=Age
61 r_e_majority=Race
62 LMI_r_e_majority=race2
63 LMI_majority_tenure=housing_status));
64
65 where City is not missing;
66 if Race="minority" then Race=Race2;
67 drop race2;
68 run;
69
70 /***** Create two dataset one for review and one with the remaining "clean" subjects *****/
71 data demo.final demo.needs_review;
72 set Demo.Clean;
73 if Race="minority" then output demo.needs_review;
74 if Race in ("black", "white") then output demo.final;
75 run;
76
77
78
79 proc export data=demo.needs_review
80 outfile="&path\needs_review.xls"
81 dbms=xls;
82 run;

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83 |
84 | /***** Creating a pdf for portfolio purposes *****/
85 |
86 | ods pdf file="%path\FinalReport.pdf" style=Meadow bookmarkgen=no;
87 | proc print data=demo.final noobs;
88 | run;
89 | ods pdf close;
90 |
91 | /* Good practise to clear the libname */
92 | libname Demo Clear;
93 |
94 |
95 |
96 |
97 |
98 | /* used for processing code purposes */
99 | /* proc sort data=Demo.Clean; */
100 | /* by Race; */
```