

```

1 data cleaned_tourism;
2   keep Country_Name Tourism_Type Category Series Y2014;
3   length Country_Name $300 Tourism_Type $20 Category $50 ;
4   retain Country_Name "" Tourism_Type "";
5   set work.tourism(drop=_1995 -_2013);
6
7   *create Country_Name*;
8   if A ne '.' then
9     Country_Name=Country;
10  *change value of tourism type*;
11
12  if find(Country, "Inbound", 'i') then
13    Tourism_Type="Inbound Tourism";
14  else if find(Country, "Outbound", 'i') then
15    Tourism_Type="Outbound Tourism";
16
17  * remove the "header" rows*;
18
19  if Country_Name ne Country and Country ne Tourism_Type;
20  *change Series*;
21  Series=upcase(Series);
22
23  if Series='..' then
24    Series='';
25  *creates the variable ConversionType*;
26
27  if scan(Country, -1) in ('Mn', 'Thousands') then
28    ConversionType=scan(Country, -1);
29  * evaluates whether ConversionType is equal to Thousands or million *;
30
31  if ConversionType='Mn' then
32    do;
33      Y2014=input(_2014, 16.)*1000000;
34      Category=cat(scan(country, 1, '-', 'r'), " - US$");
35    end;
36  else if ConversionType='Thousands' then
37    do;
38      Y2014=input(_2014, 16.)*1000;
39      Category=cat(scan(country, 1, '-', 'r'));
40    end;
41  else
42    Y2014=.;
43  **;
44  format Y2014 comma25.;
45 run;
46
47
48
49 proc format;
50   value IdFT 1='North America' 2='South America' 3='Europe' 4='Africa' 5='Asia'
51   6='Oceania' 7='Antarctica';
52 run;
53
54 proc sort data=work.cleaned_tourism out=cleaned_tourism;
55   by Country_Name Tourism_Type;
56 run;

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57 |
58 | proc sort data=work.country_info out=work.country_info;
59 |     by Country;
60 | run;
61 |
62 | data final_tourism nocountryfound(keep=Country_Name);
63 |     merge cleaned_tourism work.country_info(rename=(Country=Country_Name) in=ex);
64 |     by Country_Name;
65 |     format Continent IdFT.;
66 |
67 |     if ex=0 then
68 |         output nocountryfound;
69 |     else
        output final_tourism;
```