```
Title 'Description of Data Set Suicide Rates 1984-2016';
Proc contents data=banprojs.suicides1984_2016 varnum;
Run;

Title 'Listing the First 10 observations of Data Set Suicide Rates 1984-2016';
Proc Print data=banprojs.suicides1984_2016 (obs=10);
Run;

Title 'Correcting Errors in Generations Vs. Age';

Data banprojs.suicides1984_2016;
Set banprojs.suicides1984_2016;

if age='75+ years' then Generation = 'G.I. Generation';
else if age='75+ years' then Generation = 'G.I. Generation';
else if age='55-74 years' then Generation = 'Silent';
else if age='35-54 years' then Generation = 'Boomers';
else if age='25-34 years' then Generation = 'Generation X';
else if age='15-24 years' then Generation = 'Millenials';
else if age='5-14 years' then Generation = 'Generation Z';

Run;


Proc Print data=banprojs.suicides1984_2016 (obs=10);
Run;

Title 'Descriptive Statistics';
Proc means data=banprojs.suicides1984_2016 n nmiss mean stddev median min max maxdec=2;
Run;

/*Title 'Histograms and Normal Distribution';
Proc univariate data=banprojs.suicides1984_2016 noprint;
histogram / normal;
Run;*/


Title 'Exploratory Data Analysis - Scatter Plot Matrix';
Proc SGSCATTER data=banprojs.suicides1984_2016;
 matrix Suicides_no suicides_100kpop gdp_per_capita/diagonal=(histogram);
Run;

Title 'Exploratory Data Analysis - Scatter Plot Matrix';
Proc SGSCATTER data=banprojs.suicides1984_2016;
 matrix Suicides_no suicides_100kpop population/diagonal=(histogram);
Run;


Proc Freq data=banprojs.suicides1984_2016;
Tables HDIforyear age country country_year generation Sex year;
Run;
```