```
libname ban130 "/home/u63044324/BAN 130/Project";
PROC IMPORT DATAFILE='/home/u63044324/BAN 130/Project/master.csv'
    OUT=master
    DBMS=CSV REPLACE;
RUN;
PROC PRINT DATA=master(obs=50);
RUN;
*Identification of all the variables and thier types;
PROC CONTENTS DATA=master OUT=master_contents;
RUN:
PROC PRINT DATA=master_contents;
    VAR NAME TYPE LENGTH;
RUN;
*Calculating mean and median of the suicide number variable;
PROC MEANS DATA=master;
    VAR suicides no;
    OUTPUT OUT=stats MEAN=mean mediansuicides no MEDIAN=median suicides no;
RUN;
PROC PRINT DATA=stats;
    VAR mean mediansuicides no median suicides no;
RUN;
* calculating the average rate of suicide across different countries thier graphical representation;
/* Import master.csv dataset */
proc import datafile="/home/u63044324/BAN 130/Project/master.csv" out=master
    dbms=csv replace;
    getnames=yes;
run;
/* Calculate average suicide count */
proc means data=master noprint;
    var suicides_no;
    output out=suicide count mean
        mean=suicide count;
run;
/* Print average suicide count */
proc print data=suicide count mean;
    title 'Average Suicide Count';
run;
*lets calculate correlation coeficient between suicide number and year variables;
/* Import the dataset */
proc import datafile="/home/u63044324/BAN 130/Project/master.csv"
            out=master
            dbms=csv
            replace;
            getnames=yes;
run;
/* Calculate correlation coefficients */
proc corr data=master;
```

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run;

data top_10;

run;

run;

vbox suicides_no / category=sex;
xaxis label='Sex' display=(nolabel);
yaxis label='Suicides Number' grid;

proc sort data=suicide_rates;
 by descending suicide rate;

set suicide rates (obs=10);

*top 10 countries with highest suicice rates;

```
proc print data=top_10 noobs;
  var country suicide_rate;
  title 'Top 10 Countries with the Highest Suicide Rates';
run;
```

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