**proc** **import** out=car datafile="D:\DATA ANALYSIS\sas documents\udemy02\datasets\datasets\cars.xlsx"

dbms=xlsx;

getnames=yes;

**run**;

**proc** **corr** data=car;**run**;

/\*goals\*/

/\*1.what matters more to horse power?cylinders or engine size?

2.what is the relationaship between engine size,cylinder,weight,wheelbase,length,and mpg?

3.how would horse power and gasoline efficiency affect the price?

4.how much premium are we paying porsches?\*/

\*1.determinants of horse power;

**proc** **reg** data=car;

model horsepower=cylinders/vif;

**run**;

\*2.determinants of MPG;

**proc** **reg** data=car;

model MPG\_city=cylinders weight wheelbase length/vif;

**run**;

\*3.determinats of price;

**proc** **reg** data=car;

model MSRP=horsepower MPG\_city/vif;

**run**;

\*4.brand premium;

**proc** **glm** data=car;

class make;

model msrp=horsepower mpg\_city make/noint solution;\*noint=no intercept;

**run**;