

```
Proc REG data=HADAD.auto_mpg_clean corr;  
title 'Régression mpg en fonction poids puissance USA Europe Asie cylindres Deplacement age' ;  
model mpg=poids puissance acceleration cylindres deplacement USA Europe Asie age / dw spec vif collinoit r influence  
plot p.*obs. ;  
run;
```

```
proc means data=HADAD.auto_mpg_clean N NMISS MIN MAX RANGE MEAN MEDIAN STD;  
var mpg poids puissance acceleration cylindres deplacement USA Europe Asie age;  
class origine;  
run;
```

```
PROC GCHART DATA = HADAD.auto_mpg_clean ;  
VBAR mpg;  
RUN ;
```

```
QUIT ;  
data HADAD.auto_mpg_pr;  
set HADAD.auto_mpg_a_predire;  
age=83-annee_du_modele;  
drop annee_du_modele;  
run;
```

```
data HADAD.auto_mpg_pr1;  
set HADAD.auto_mpg_pr;  
if origine='USA' then USA=1;  
else USA=0;  
if origine='Europe' then EUROPE=1;  
else EUROPE=0;  
if origine='Asie' then Asie=1;  
else Asie=0;  
run;
```

```
data HADAD.auto_mpg_pr2;  
set HADAD.auto_mpg_pr1;  
drop mpg;  
run;
```