IMPORT DATA

```
proc import file="Z:\MMIF - Programacio\Programacio SAS\SAS EG\Practiques\bad.xls"
out = bad replace;
sheet="dades";
run;
```

1) VALIDATION OF DATA BASE

- Error
- DATA missing
- Inconsistencies
- Corrections

Description of the data - LOAN MORTDUE VALUE

```
proc print data= bad (obs=10);
run;

*Listing the variables;
proc contents data= bad;
run;

proc means data = bad;
  vars loan mortdue value read write science;
run;
```

2) MANAGEMENT OF DATA BASE

- CREATION OF NEW VARIABLES
  - TRANSFORMACIONES
    - Recodificación

```
data bad1;
set bad;
vars loan mortdue value;
run;
```

3) Descriptive analysis

- Description of the Sample

```
proc print data= bad1;
run;
```

4) Descriptive analysis BIVARIANTE

Sample descriptions of fear Groups dilatoriness

```
options ls=78;
title " Bad - Descriptive Statistics";

data bad1;
  infile "D:\Statistics\STAT 505\data\bad.csv"; (location of my file)
  input id loan mortdue value;
  run;

proc means;
  var calcium iron protein a c;
  run;

proc corr pearson cov;
  var calcium iron protein a c;
  run;


options ls=78;
title "Bad Intake Data - Generalized Variance";
data nutrient;
  infile "D:\Statistics\STAT 505\data\nutrient.txt";
  input id calcium iron protein a c;
  run;
proc iml;
  start genvar;
    one=j(nrow(x),1,1);
    ident=i(nrow(x));
    s=x`*(ident-one*one`/nrow(x))*x/(nrow(x)-1.0);
    genvar=det(s);
    print s genvar;
  finish;
  use bad1;
  read all var{loan mortdue value} into x;
  run genvar;
```

5) Main analysis

Initial model

Model simplifications

MODEL FINAL

Validation of the model

Interpretations RESULTADOS

Scoring GENERATION