

Pre- Class Code Snippet

An introduction to SAS – ImportClass

*** Importing data from an external source file into SAS *;

```
data get_data;  
    infile '\home\your login name\your folder path\your file' dlm ="," dsd missover firstobs  
    =2 lrecl = 200;  
  
input track_id race_date race_num country conditions age_r;  
  
proc print;  
  
run;
```

*** Specify Character variables in Input statement ***;

```
data getdata;  
    infile '\home\your login name\your folder path\your file' dlm ="," dsd missover  
    firstobs =2 lrecl = 200;  
  
input track_id$ race_date$ race_num country$ conditions$ age_r$;  
  
proc print;  
  
run;
```

*** Specify length of character variables if required ***;

```
data getdata;  
    infile '\home\your login name\your folder path\your file' dlm ="," dsd missover  
    firstobs =2 lrecl = 200;  
  
length country $20.;  
  
input track_id$ race_date$ race_num country$ conditions$ age_r$;  
  
proc print;  
  
run;
```

*** Use informat and format to correctly specify type of raw data and display of data ***;

```
data getdata;
```

```
    infile '\home\your login name\your folder path\your file'dlm =","
```

```
    dsd missover firstobs =2 lrecl = 200;
```

```
    informat race_date mmddyy8.;
```

```
    LENGTH COUNTRY $20.;
```

```
    input track_id $ race_date race_num country $ conditions $ age_r $ ;
```

```
    format race_date DATE9.;
```

```
proc print;
```

```
run;
```

```
*****PROCIMPORT*****;
```

```
PROC IMPORT DATAFILE = 'Z:\Jigsaw Data Science with SAS\Pre class Videos - class codes  
and datasets\T5. An introduction to the SAS language\sample_data_Sas1.csv'
```

```
OUT = GET_DATA REPLACE
```

```
DBMS = CSV ;
```



```
RUN;

PROC IMPORT DATAFILE = \home\your login name\your folder path\your file'

OUT = GET_DATA

DBMS= CSV REPLACE;

GETNAMES= YES; DATAROW=10; GUESSINGROWS= 100;

RUN;

libname initial '\home\your login name\your folder path\'

PROC IMPORT DATAFILE = '\home\your login name\your folder path\your file'

OUT = initial.get_data

DBMS= CSV REPLACE;

GETNAMES= YES;

RUN;

libname second \home\your login name\your folder path\your file'

***** SET Statement *****;

PROC IMPORT DATAFILE = '\home\your login name\your folder path\your file'

OUT = GET_DATA REPLACE

DBMS= CSV ;

RUN;

data subset1;

set get_data;

if country = "USA";

run;

data subset2;

set get_data;

if track_id = "CRC" then newid = 1;

run;
```