

```
FILENAME REFFILE '/home/u38374865/Credit Card Fraud Detection/creditcard.csv';
```

```
PROC IMPORT DATAFILE=REFFILE  
  DBMS=CSV  
  OUT=WORK.IMPORT;  
  GETNAMES=YES;  
RUN;
```

```
PROC CONTENTS DATA=WORK.IMPORT; RUN;
```

```
%web_open_table(WORK.IMPORT);
```

```
proc univariate data=work.import;  
var amount;  
histogram;  
class class;  
run;
```

```
proc gchart data=work.import;  
pie class;  
run;
```

```
proc univariate data=work.import plot;  
var amount;  
run;
```

```
proc standard data=work.import out=fraudstand mean=0 std=1;  
var amount V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13 V14 V15 V16 V17 V18 V19 V20 V21 V22 V23 V24 V25 V26 V27 V28;  
run;
```

```
proc fastclus data=fraudstand out=clust  
maxclusters=6 maxiter=100;  
var amount V1 V2 V3 V4 V5 V6 V7 V8 V9 V10 V11 V12 V13 V14 V15 V16 V17 V18 V19 V20 V21 V22 V23 V24 V25 V26 V27 V28;  
run;
```

```
proc standard data=work.import out=fraudstand1 mean=0 std=1;  
var amount;  
run;
```

```
proc fastclus data=fraudstand1 out=clust1  
maxclusters=6 maxiter=100;  
var amount;  
.....
```