

```
data salaries;
  input id salary;
  datalines;
1 3000
2 3200
3 3500
4 4000
5 4200
6 10000 /* Outlier */
7 4100
8 3800
9 15000 /* Outlier */
10 3900
;
run;

proc univariate data=salaries noprint;
  var salary;
  output out=stats pctlpts=25 75 pctlpre=Q;
run;

/* Get the IQR and calculate the boundaries for outliers */
data stats;
  set stats;
  IQR = Q75 - Q25;
  lower_limit = Q25 - 1.5 * IQR;
  upper_limit = Q75 + 1.5 * IQR;
run;

/* Remove outliers from the dataset */
data salaries_clean;
  if _n_ = 1 then set stats;
  set salaries;
  if salary >= lower_limit and salary <= upper_limit;
run;

/* Display the cleaned dataset */
proc print data=salaries_clean;
run;
```