```
Output when Clusters are swapped:


Total errors 95.9 %
Clusters are swapped
Swapping Predicted_Class



Number of Data points in Predicted Class 2: 465
Number of Data points in Predicted Class 4: 234

Error data points, Predicted_Class 2:

          Scn   Class   Predicted_Class
12    1041801     4                   2
15    1047630     4                   2
23    1057013     4                   2
50    1108370     4                   2
51    1108449     4                   2
57    1113038     4                   2
59    1113906     4                   2
63    1116132     4                   2
65    1116998     4                   2
101   1167439     4                   2
103   1168359     4                   2
105   1169049     4                   2
222   1226012     4                   2
273    428903     4                   2
348    832226     4                   2
356    859164     4                   2
455   1246562     4                   2
489   1084139     4                   2


Error data points, Predicted_Class 4:

          Scn   Class   Predicted_Class
1     1002945     2                   4
3     1016277     2                   4
40    1096800     2                   4
196   1213375     2                   4
252   1017023     2                   4
259    242970     2                   4
296    616240     2                   4
315    704168     2                   4
319    721482     2                   4
352    846832     2                   4
434   1293439     2                   4


Number of all data points: 699

Number of error data points: 29

Error rate for class 2: 3.9 %
```

```
Error rate for class 4: 4.7 %
Total error rate: 4.1 %


Output when Clusters are not swapped:

Total errors 4.3 %
Number of Data points in Predicted Class 2: 466
Number of Data points in Predicted Class 4: 233

Error data points, Predicted_Class 2:

          Scn  Class  Predicted_Class
12   1041801      4                2
15   1047630      4                2
23   1057013      4                2
25   1065726      4                2
50   1108370      4                2
51   1108449      4                2
57   1113038      4                2
59   1113906      4                2
63   1116132      4                2
65   1116998      4                2
101  1167439      4                2
103  1168359      4                2
105  1169049      4                2
222  1226012      4                2
273   428903      4                2
348   832226      4                2
356   859164      4                2
455  1246562      4                2
489  1084139      4                2


Error data points, Predicted_Class 4:

          Scn  Class  Predicted_Class
1    1002945      2                4
3    1016277      2                4
40   1096800      2                4
196  1213375      2                4
252  1017023      2                4
259   242970      2                4
296   616240      2                4
315   704168      2                4
319   721482      2                4
352   846832      2                4
434  1293439      2                4


Number of all data points: 699

Number of error data points: 30
```

```
Error rate for class 2: 4.1 %
Error rate for class 4: 4.7 %
Total error rate: 4.3 %
```