

Randomly selected row 584 for centroid  
mu\_2.

Initial centroid mu\_2:

A2 5.0

A3 1.0

A4 1.0

A5 6.0

A6 3.0

A7 1.0

A8 1.0

A9 1.0

A10 1.0

Name: 584, dtype: float64

Program ended after 6 iterations.

Final centroid mu\_2:

A2 7.158798

A3 6.798283

A4 6.729614

A5 5.733906

A6 5.472103

A7 7.873966

A8 6.103004

A9 6.077253

A10 2.549356

dtype: float64

Final centroid mu\_4:

A2 3.047210

A3 1.302575

A4 1.446352

A5 1.343348

A6 2.087983

A7 1.380001

A8 2.105150

A9 1.261803

A10 1.109442

dtype: float64

Randomly selected row 499 for centroid  
mu\_4.

Initial centroid mu\_4:

A2 4.0

A3 1.0

A4 1.0

A5 1.0

A6 2.0

A7 1.0

A8 2.0

A9 1.0

A10 1.0

Name: 499, dtype: float64

Final cluster assignment:

	Scn	Class	Predicted_Class
0	1000025	2	4
1	1002945	2	2
2	1015425	2	4
3	1016277	2	2
4	1017023	2	4
5	1017122	4	2
6	1018099	2	4
7	1018561	2	4
8	1033078	2	4
9	1033078	2	4
10	1035283	2	4
11	1036172	2	4
12	1041801	4	4
13	1043999	2	4
14	1044572	4	2
15	1047630	4	4
16	1048672	2	4
17	1049815	2	4
18	1050670	4	2
19	1050718	2	4